

Oracle® Retail Xstore Point-of-Service Software
Database Dictionary
Release 16.0
E82931-01

December 2016

Oracle® Retail Xstore Point-of-Service Software Database Dictionary, Release 16.0

E82931-01

Copyright © 2017, Oracle and/or its affiliates. All rights reserved.

Primary Author: Alex Meske

Contributors: Brett White

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

TABLE OF CONTENTS

Domain: CAT	24
cat_acct_note	24
cat_acct_note_p	26
cat_authorizations	27
cat_authorizations_p	29
cat_award_acct.....	31
cat_award_acct_coupon.....	32
cat_award_acct_coupon_p	33
cat_award_acct_p	34
cat_charge_acct_history	35
cat_charge_acct_history_p.....	37
cat_charge_acct_invoice.....	39
cat_charge_acct_invoice_p	41
cat_charge_acct_users	43
cat_charge_acct_users_p	45
cat_cust_acct.....	47
cat_cust_acct_card	50
cat_cust_acct_card_p	51
cat_cust_acct_journal	52
cat_cust_acct_journal_p	54
cat_cust_acct_p	55
cat_cust_acct_plan	57
cat_cust_acct_plan_p	59
cat_cust_consumer_charge_acct.....	60
cat_cust_item_acct	61
cat_cust_item_acct_activity	63

cat_cust_item_acct_activity_p.....	65
cat_cust_item_acct_detail	67
cat_cust_item_acct_detail_p.....	69
cat_cust_item_acct_journal.....	71
cat_cust_loyalty_acct.....	73
cat_cust_loyalty_acct_p	75
cat_delivery_modifier	76
cat_delivery_modifier_p.....	79
cat_escrow_acct.....	80
cat_escrow_acct_activity.....	82
cat_escrow_acct_activity_p.....	84
cat_escrow_acct_p	85
cat_payment_schedule.....	86
cat_payment_schedule_p	87
Domain: CIVC	89
civc_invoice	89
civc_invoice_p.....	91
civc_invoice_report	92
civc_invoice_report_p.....	93
civc_invoice_xref	94
civc_invoice_xref_p	96
civc_taxfree_card_range	97
civc_taxfree_country	98
civc_taxfree_country_p	101
Domain: COM	102
com_address.....	103
com_address_country	105
com_address_country_p.....	107
com_address_p	109
com_address_postalcode.....	110
com_address_postalcode_p	112

com_address_state.....	114
com_address_state_p	116
com_airport_p Relationships	119
com_airport_zone.....	120
com_airport_zone_detail	121
com_airport_zone_detail_p.....	122
com_airport_zone_p.....	123
com_button_grid	124
com_button_grid_p.....	126
com_code_value	127
com_code_value_p	129
com_country_return_map.....	130
com_country_return_map_p	131
com_external_system_map.....	132
com_flight_info.....	133
com_flight_info_p.....	134
com_reason_code.....	135
com_reason_code_p.....	137
com_receipt_text.....	138
com_receipt_text_p.....	140
com_report_data.....	142
com_report_data_p	143
com_report_lookup	144
com_report_lookup_p	146
com_sequence	147
com_sequence_p.....	148
com_sequence_part	149
com_sequence_part_p	151
com_shipping_cost.....	152
com_shipping_cost_p.....	154
com_shipping_fee.....	156

com_shipping_fee_p	158
com_shipping_fee_tier.....	159
com_shipping_fee_tier_p	161
com_trans_prompt_properties	162
com_trans_prompt_properties_p	164
com_translations.....	165
com_translations_p	166
Domain: CPAF	167
cpaf_address_muni	167
cpaf_address_muni Attributes.....	167
cpaf_card_network.....	170
cpaf_card_network_p.....	170
cpaf_nfce_queue_tender.....	173
cpaf_nfce_queue_tender_p.....	175
cpaf_nfce_tender.....	177
cpaf_nfce_tender_p	179
cpaf_nfe.....	181
cpaf_nfe_p	184
cpaf_nfe_dest.....	186
cpaf_nfe_dest_p	187
cpaf_nfe_issuer	189
cpaf_nfe_issuer_p	191
Contains property code and value information for table CPAF_NFE_ISSUER.....	191
cpaf_nfe_issuer_p Attributes.....	191
cpaf_nfe_item.....	193
cpaf_nfe_item_p.....	195
cpaf_nfe_queue	197
cpaf_nfe_queue Attributes	197
cpaf_nfe_queue_p.....	200
cpaf_nfe_queue_p Attributes	200
cpaf_nfe_queue_dest.....	202

cpaf_nfe_queue_dest_p	203
cpaf_nfe_queue_issuer.....	204
cpaf_nfe_queue_issuer_p	207
cpaf_nfe_queue_item	208
cpaf_nfe_queue_item_p.....	210
cpaf_nfe_queue_log.....	212
cpaf_nfe_queue_log_p	213
Contains property code and value information for table CPAF_NFE_QUEUE_LOG.....	213
cpaf_nfe_queue_log_p Attributes	213
cpaf_nfe_queue_trans	214
cpaf_nfe_queue_trans_p.....	215
cpaf_nfe_resend_queue	217
cpaf_nfe_resend_queue Relationships	217
cpaf_nfe_resend_queue_p	218
Contains property code and value information for table CPAF_NFE_RESEND_QUEUE.....	218
cpaf_nfe_resend_queue_p Attributes	218
cpaf_nfe_tax_cst.....	219
cpaf_nfe_tax_cst_p	220
cpaf_nfe_trans_tax_p	227
cpaf_nfe_trans_tax_p Attributes	227
cpaf_nfe_trans_type Relationships.....	229
cpaf_sat_response.....	235
cpaf_sat_response_p	236
Domain: CRM.....	238
crm_customer_affiliation.....	238
crm_customer_affiliation_p	239
crm_customer_notes	240
crm_customer_notes_p	241
crm_gift_registry_journal.....	242
crm_gift_registry_journal_p.....	244
crm_party.....	245

crm_party_cross_reference.....	249
crm_party_cross_reference_p	250
crm_party_email.....	251
crm_party_email_p.....	252
crm_party_id_xref	253
crm_party_id_xref_p	254
crm_party_locale_information.....	255
crm_party_locale_information_p	257
crm_party_p	258
crm_party_telephone	259
crm_party_telephone_p	260
Domain: CRPT	262
crpt_daily_detail.....	262
crpt_daily_detail_p.....	264
crpt_daily_header.....	266
crpt_daily_header_p	267
Domain: CTL.....	270
ctl_app_version.....	270
ctl_cheetah_device_access	272
ctl_dataloader_failure	273
ctl_dataloader_summary	274
ctl_device_information	275
ctl_device_registration	276
ctl_device_registration_p	278
ctl_event_log	279
ctl_ip_cashdrawer_device	281
ctl_log_trickle	284
ctl_replication_queue	286
ctl_version_history	288
ctl_version_history_p	289
Domain: CWO	291

cwo_category_service_loc	291
cwo_category_service_loc_p	293
cwo_invoice	294
cwo_invoice_lineitm	295
cwo_invoice_lineitm_p	296
cwo_invoice_p	297
cwo_price_code	298
cwo_price_code_p	299
cwo_service_loc	300
cwo_service_loc_p	301
cwo_task	302
cwo_work_item	303
cwo_work_item_p	305
cwo_work_order_acct	306
cwo_work_order_acct_journal	308
cwo_work_order_category	310
cwo_work_order_category_p	312
cwo_work_order_line_item	313
cwo_work_order_pricing	315
cwo_work_order_pricing_p	316
Domain: DOC	318
doc_document	318
doc_document_def_properties	320
doc_document_def_properties_p	322
doc_document_definition	323
doc_document_definition_p	325
doc_document_lineitm	326
doc_document_p	328
Domain: DSC	330
dsc_coupon_xref	330
dsc_coupon_xref_p	332

dsc_disc_type_eligibility	333
dsc_disc_type_eligibility_p	334
dsc_discount	335
dsc_discount_compatibility	338
dsc_discount_compatibility_p	339
dsc_discount_group_mapping	340
dsc_discount_group_mapping_p	341
dsc_discount_item_exclusions	342
dsc_discount_item_exclusions_p	343
dsc_discount_item_inclusions	344
dsc_discount_item_inclusions_p	345
dsc_discount_p	346
Domain: HRS	348
hrs_employee	348
hrs_employee_answers	351
hrs_employee_answers_p	352
hrs_employee_fingerprint	353
hrs_employee_fingerprint_p	354
hrs_employee_message	355
hrs_employee_message_p	357
hrs_employee_notes	358
hrs_employee_notes_p	359
hrs_employee_p	360
hrs_employee_password	361
hrs_employee_password_p	363
hrs_employee_store	364
hrs_employee_store_p	366
hrs_employee_task	367
hrs_employee_task_notes	369
hrs_employee_task_notes_p	370
hrs_employee_task_p	371

hrs_work_codes	372
hrs_work_codes_p	374
Domain: INV	375
inv_bucket	375
inv_bucket_p	378
inv_carton	379
inv_carton_p	381
inv_count	382
inv_count_bucket	384
inv_count_bucket_p	386
inv_count_p	388
inv_count_section	389
inv_count_section_detail	390
inv_count_section_detail_p	392
inv_count_section_p	394
inv_count_sheet	396
inv_count_sheet_lineitm	398
inv_count_sheet_lineitm_p	400
inv_count_sheet_p	402
inv_count_snapshot	403
inv_count_snapshot_p	405
inv_cst_item_yearend	407
inv_cst_item_yearend_p	408
inv_document_lineitm_note	409
inv_document_lineitm_note_p	411
inv_document_notes	413
inv_document_notes_p	415
inv_invctl_doc_lineserial	417
inv_invctl_doc_lineserial_p	418
inv_invctl_document	420
inv_invctl_document_lineitm	422

inv_invctl_document_lineitm_p.....	425
inv_invctl_document_p	427
inv_invctl_document_xref.....	428
inv_invctl_document_xref_p	430
inv_invctl_trans	432
inv_invctl_trans_detail	434
inv_invctl_trans_detail_p	436
inv_inventory_journal	438
inv_inventory_journal_p	440
inv_inventory_loc_mod	442
inv_inventory_loc_mod_p	444
inv_item_acct_mod	446
inv_item_acct_mod_p	448
inv_location	450
inv_location_availability	452
inv_location_availability_p	453
inv_location_bucket	455
inv_location_bucket_p	456
inv_location_p.....	457
inv_movement_pending.....	458
inv_movement_pending_detail.....	460
inv_movement_pending_detail_p	462
inv_movement_pending_p	464
inv_mptrans_lineitm	466
inv_mptrans_lineitm_p	468
inv_rep_document_lineitm	470
inv_rep_document_lineitm_p	472
inv_serialized_stock_ledger	474
inv_serialized_stock_ledger_p.....	475
inv_shipment.....	477
inv_shipment_address.....	479

inv_shipment_address_p.....	481
inv_shipment_lines	483
inv_shipment_lines_p.....	485
inv_shipment_p	487
inv_shipper.....	488
inv_shipper_method	490
inv_shipper_method_p.....	493
inv_shipper_p	494
inv_stock_fiscal_year	495
inv_stock_fiscal_year_p.....	496
inv_stock_ledger_acct	497
inv_stock_ledger_acct_p.....	499
inv_sum_count_trans_dtl.....	501
inv_sum_count_trans_dtl_p.....	503
inv_valid_destinations.....	505
inv_valid_destinations_p	506
Domain: ITM.....	509
itm_attached_items	509
itm_attached_items_p	511
itm_item	513
itm_item_cross_reference	517
itm_item_cross_reference_p.....	518
itm_item_deal_prop	519
itm_item_deal_prop_p.....	521
itm_item_dimension_type.....	522
itm_item_dimension_type_p	524
itm_item_dimension_value.....	525
itm_item_dimension_value_p	527
itm_item_images.....	528
itm_item_images_p	529
itm_item_label_batch.....	530

itm_item_label_batch_p.....	531
itm_item_label_properties.....	533
itm_item_label_properties_p	534
itm_item_msg.....	535
itm_item_msg_cross_reference.....	537
itm_item_msg_cross_reference_p	538
itm_item_msg_p	539
itm_item_msg_types	540
itm_item_msg_types_p	541
itm_item_options.....	542
itm_item_options_p.....	546
itm_item_p.....	547
itm_item_prices.....	548
itm_item_prices_p	550
itm_item_prompt_properties.....	552
itm_item_prompt_properties_p	554
itm_item_restrict_calendar.....	555
itm_item_restrict_calendar_p	557
itm_item_restriction	559
itm_item_restriction_p	561
itm_kit_component	565
itm_kit_component_p	568
itm_matrix_sort_order	569
itm_matrix_sort_order_p.....	570
itm_merch_hierarchy	571
itm_merch_hierarchy_p	573
itm_non_phys_item.....	574
itm_quick_items.....	575
itm_quick_items_p	576
itm_refund_schedule	577
itm_refund_schedule_p	579

itm_restrict_gs1.....	580
itm_restrict_gs1_p	582
itm_substitute_items.....	583
itm_substitute_items_p.....	585
itm_tare_type	Error! Bookmark not defined.
itm_tare_type_p.....	Error! Bookmark not defined.
itm_vendor	587
itm_vendor_p.....	589
itm_warranty.....	590
itm_warranty_item.....	594
itm_warranty_item_price	596
itm_warranty_item_price_p.....	598
itm_warranty_item_xref	599
itm_warranty_item_xref_p.....	601
itm_warranty_journal	603
itm_warranty_journal_p.....	606
itm_warranty_p	607
Domain: LOC	609
loc_close_dates.....	609
loc_close_dates_p	611
loc_closing_message	612
loc_closing_message_p	613
loc_cycle_question_answers	614
loc_cycle_question_answers_p	615
loc_cycle_question_choices	616
loc_cycle_question_choices_p.....	617
loc_cycle_questions	618
loc_cycle_questions_p.....	620
loc_org_hierarchy	621
loc_org_hierarchy_p.....	623
loc_pricing_hierarchy	624

loc_pricing_hierarchy_p	626
loc_rtl_loc	627
loc_rtl_loc_p	631
loc_state_journal	632
loc_state_journal_p	634
loc_wkstn	636
loc_wkstn_p	638
log_sp_report	639
Domain: PRC	641
prc_deal	641
prc_deal_cust_groups	645
prc_deal_cust_groups_p	646
prc_deal_document_xref	647
prc_deal_document_xref_p	648
prc_deal_field_test	649
prc_deal_field_test_p	652
prc_deal_item	654
prc_deal_item_p	656
prc_deal_p	657
prc_deal_trig	658
prc_deal_trig_p	659
prc_deal_week	660
prc_deal_week_p	661
Domain: RMS	663
rms_diff_group_detail	663
rms_diff_group_head	664
rms_diff_ids	665
rms_related_item_head	666
Domain: RPT	668
rpt_fifo	668
rpt_fifo_detail	670

rpt_flash_sales.....	672
rpt_flash_sales_goal	673
rpt_item_price	674
rpt_merchlvl1_sales.....	675
rpt_organizer.....	676
rpt_organizer_p	677
rpt_sale_line	678
rpt_sales_by_hour	680
Domain: SCH	682
sch_emp_time_off.....	682
sch_emp_time_off_p	684
sch_schedule.....	685
sch_schedule_p	687
sch_shift	688
sch_shift_p	690
Domain: SEC	692
sec_access_types	692
sec_access_types_p	694
sec_acl.....	695
sec_acl_p	696
sec_activity_log.....	697
sec_groups	698
sec_groups_p.....	699
sec_password	7000
sec_privilege.....	700
sec_privilege_p	703
sec_user_password.....	704
sec_user_role	705
Domain: SLS.....	707
sls_sales_goal	707
sls_sales_goal_p	709

Domain: TAX.....	711
tax_postal_code_mapping.....	711
tax_postal_code_mapping_p	712
tax_rtl_loc_tax_mapping	713
tax_rtl_loc_tax_mapping_p	714
tax_tax_authority.....	715
tax_tax_authority_p	717
tax_tax_bracket	718
tax_tax_bracket_p.....	719
tax_tax_code.....	720
tax_tax_code_p.....	721
tax_tax_exemption.....	722
tax_tax_exemption_p	724
tax_tax_group	725
tax_tax_group_mapping.....	727
tax_tax_group_mapping_p	729
tax_tax_group_p	731
tax_tax_group_rule	732
tax_tax_group_rule_p	734
tax_tax_loc	735
tax_tax_loc_p.....	737
tax_tax_rate_rule	738
tax_tax_rate_rule_override.....	740
tax_tax_rate_rule_override_p	742
tax_tax_rate_rule_p	744
Domain: THR	747
thr_payroll	747
thr_payroll_category	749
thr_payroll_category_p	751
thr_payroll_header	752
thr_payroll_header_p.....	753

thr_payroll_notes.....	754
thr_payroll_notes_p	755
thr_payroll_p.....	756
thr_timecard_entry	757
thr_timecard_entry_comment	759
thr_timecard_entry_comment_p	761
thr_timecard_entry_p	763
thr_timecard_journal.....	765
thr_timecard_journal_p	767
thr_timeclk_trans.....	769
Domain: TND	772
tnd_exchange_rate.....	772
tnd_exchange_rate_p	774
tnd_tndr	776
tnd_tndr_availability.....	778
tnd_tndr_availability_p	779
tnd_tndr_denomination.....	781
tnd_tndr_denomination_p	782
tnd_tndr_options	784
tnd_tndr_options_p	788
tnd_tndr_p	789
tnd_tndr_typcode	790
tnd_tndr_typcode_p	792
tnd_tndr_user_settings	793
tnd_tndr_user_settings_p	795
Domain: TRL.....	798
trl_ar_sale_lineitm	798
trl_commission_mod.....	800
trl_commission_mod_p	802
trl_correction_mod	804
trl_correction_mod_p	806

trl_coupon_lineitm	808
trl_cust_item_acct_mod	810
trl_cust_item_acct_mod_p	812
trl_deal_lineitm	814
trl_dimension_mod	816
trl_dimension_mod_p	818
trl_discount_lineitm	820
trl_escrow_trans	822
trl_invctl_document_mod	824
trl_invctl_document_mod_p	826
trl_inventory_loc_mod	828
trl_inventory_loc_mod_p	830
trl_kit_component_mod	832
trl_kit_component_mod_p	834
trl_lineitm_assoc_mod	836
trl_lineitm_assoc_mod_p	838
trl_lineitm_assoc_typcode	840
trl_lineitm_assoc_typcode_p	842
trl_lineitm_notes	843
trl_lineitm_notes_p	845
trl_returned_item_count	847
trl_returned_item_count_p	848
trl_returned_item_journal	850
trl_returned_item_journal_p	852
trl_rtl_price_mod	854
trl_rtl_price_mod_p	857
trl_rtrans	859
trl_rtrans_flight_info	861
trl_rtrans_flight_info_p	863
trl_rtrans_lineitm	865
trl_rtrans_lineitm_p	867

trl_rtrans_serial_exchange.....	869
trl_sale_lineitm.....	870
trl_sale_tax_lineitm	875
trl_sale_tax_lineitm_p.....	877
trl_tax_lineitm.....	879
trl_voucher_discount_lineitm.....	881
trl_voucher_sale_lineitm	883
trl_warranty_modifier	885
trl_warranty_modifier_p	887
Domain: TRN	890
trn_generic_lineitm_storage.....	890
trn_generic_lineitm_storage_p	892
trn_gift_registry_trans	894
trn_no_sale_trans.....	895
trn_poslog_data	896
trn_poslog_data_p.....	897
trn_post_void_trans	899
trn_raincheck.....	901
trn_raincheck_p	902
trn_raincheck_trans	903
trn_receipt_data	904
trn_receipt_data_p.....	906
trn_receipt_lookup	908
trn_receipt_lookup_p.....	909
trn_trans	911
trn_trans_link	915
trn_trans_link_p.....	917
trn_trans_notes	919
trn_trans_notes_p.....	921
trn_trans_p	923
trn_trans_version	925

trn_trans_version_p	927
Domain: TSN.....	930
tsn_serialized_tndr_count	930
tsn_serialized_tndr_count_p.....	932
tsn_session	934
tsn_session_control_trans.....	936
tsn_session_p.....	937
tsn_session_tndr	939
tsn_session_tndr_p.....	941
tsn_session_wkstn	943
tsn_session_wkstn_p.....	945
tsn_till_control_trans.....	947
tsn_till_ctrl_trans_detail	949
tsn_till_ctrl_trans_detail_p.....	951
tsn_tndr_control_trans.....	953
tsn_tndr_denomination_count	955
tsn_tndr_denomination_count_p.....	957
tsn_tndr_repository	959
tsn_tndr_repository_float.....	961
tsn_tndr_repository_float_p.....	962
tsn_tndr_repository_p	964
tsn_tndr_repository_status.....	965
tsn_tndr_repository_status_p	966
tsn_tndr_tndr_count	967
tsn_tndr_tndr_count_p	969
tsn_tndr_typcode_count.....	971
tsn_tndr_typcode_count_p.....	973
tsn_xrtrans_lineitm.....	975
tsn_xrtrans_lineitm_p	977
Domain: TTR.....	980
ttr_acct_credit_tndr_lineitm.....	980

ttr_ar_tndr_lineitm	982
ttr_check_tndr_lineitm	984
ttr_coupon_tndr_lineitm	986
ttr_credit_debit_tndr_lineitm	988
ttr_identity_verification	992
ttr_identity_verification_p	994
ttr_send_check_tndr_lineitm	996
ttr_signature	998
ttr_signature_p	1000
ttr_tndr_auth_log	1002
ttr_tndr_auth_log_p	1004
ttr_tndr_lineitm	1006
ttr_voucher	1008
ttr_voucher_history	1010
ttr_voucher_history_p	1012
ttr_voucher_p	1013
ttr_voucher_tndr_lineitm	1014
Domain: XOM.....	1017
xom_address_mod	1017
xom_address_mod_p	1019
xom_balance_mod	1020
xom_balance_mod_p	1022
xom_customer_mod	1024
xom_customer_mod_p	1026
xom_customization_mod	1027
xom_customization_mod_p	1028
xom_fee_mod	1029
xom_fee_mod_p	1031
xom_fulfillment_mod	1033
xom_fulfillment_mod_p	1035
xom_item_mod	1036

xom_item_mod_p.....	1038
xom_order	1039
xom_order_fee	1041
xom_order_fee_p.....	1043
xom_order_line	1044
xom_order_line_p.....	1047
xom_order_mod	1048
xom_order_mod_p.....	1050
xom_order_p	1052
xom_order_payment	1053
xom_order_payment_p.....	1054
xom_source_mod	1055
xom_source_mod_p	1057
Appendix A: Entity Relationship Diagrams.....	1058
CAT DOMAIN	1058
CIV DOMAIN	1066
COM DOMAIN	1067
CPAF DOMAIN.....	1071
CRM DOMAIN.....	1073
CRP DOMAIN	1076
CTL DOMAIN	1077
CWO DOMAIN	1078
DOC DOMAIN	1082
DSC DOMAIN	1084
HRS DOMAIN	1085
INV DOMAIN.....	1087
ITM DOMAIN.....	1094
LOC DOMAIN	1102
PRC DOMAIN	1104
TAX DOMAIN	1105
THR DOMAIN.....	1106

TND DOMAIN	1107
TRL DOMAIN.....	1109
TRN DOMAIN.....	1115
TSN DOMAIN	1116
TTR DOMAIN.....	1120
XOM DOMAIN.....	1124

Domain: CAT

Customer Account Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

[cat_acct_note](#)

Contains narrative text comments about a customer's account.

cat_acct_note Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	note_seq	INTEGER	NO	The order in which the notes were created for an account.
	entry_timestamp	DATETIME	YES	The date and time the note was created.
	entry_party_id	BIGINT	YES	The party identifier for the user who created the note.
	note	VARCHAR (MAX)	YES	The text of the note.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_acct_note Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cat_acct_note	Identifying
crm_party	cat_acct_note	Non-Identifying
cat_acct_note	cat_acct_note_p	Identifying

cat_acct_note_p

Contains property code and value information for table CAT_ACCT_NOTE.

cat_acct_note_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	note_seq	INTEGER	NO	The order in which the notes were created for an account.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_ACCT_NOTE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_acct_note_p Relationships

Parent Entity	Child Entity	Type
cat_acct_note	cat_acct_note_p	Identifying

cat_authorizations

Provides the ability to check the status of pending private label authorizations; both pending tender authorizations and pending applications. This table stores the previous status of each authorization while the back office pending authorization screen is not active.

cat_authorizations Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	Retail location Id information for the transaction.
X	business_date	DATETIME	NO	Business date information for the transaction.
X	wkstn_id	BIGINT	NO	Workstation Id information for the transaction.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	status_code	VARCHAR (30)	YES	The current status for the authorization.
	status_datetime	DATETIME	YES	The date and time stamp for the status of the authorization.
	authorization_type	VARCHAR (30)	YES	The type of authorization (TENDER or AUTHORIZATION).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_authorizations Relationships

Parent Entity	Child Entity	Type
cat_authorizations	cat_authorizations_p	Identifying
cat_authorizations	cat_charge_acct_history	Non-Identifying
cat_authorizations	cat_cust_item_acct_activity	Non-Identifying
cat_authorizations	cat_cust_item_acct_detail	Non-Identifying

cat_authorizations_p

Contains property code and value information for table CAT_AUTHORIZATIONS.

cat_authorizations_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	Retail location Id information for the transaction.
X	business_date	DATETIME	NO	Business date information for the transaction.
X	wkstn_id	BIGINT	NO	Workstation Id information for the transaction.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_AUTHORIZATIONS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_authorizations_p Relationships

Parent Entity	Child Entity	Type
cat_authorizations	cat_authorizations_p	Identifying

cat_award_acct

A list of existing award accounts. This is used as part of integration with the Relate™ CRM system.

cat_award_acct Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_card_nbr	VARCHAR (60)	NO	The customer's loyalty account number.
X	acct_id	VARCHAR (60)	NO	The customer's award account Id.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_award_acct Relationships

Parent Entity	Child Entity	Type
cat_award_acct	cat_award_acct_coupon	Identifying
cat_award_acct	cat_award_acct_p	Identifying

cat_award_acct_coupon

Contains a master list of possible awards for the cashier to pick from when a customer receives an award from the Relate™ CRM system.

cat_award_acct_coupon Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_card_nbr	VARCHAR (60)	NO	The customer's loyalty account number.
X	acct_id	VARCHAR (60)	NO	The customer's award account Id.
X	coupon_id	VARCHAR (60)	NO	A unique identifier for a coupon.
	amount	NUMERIC (17,6)	YES	The value, in dollars, of the coupon.
	expiration_date	DATETIME	YES	The date and time after which the coupon is no longer valid.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_award_acct_coupon Relationships

Parent Entity	Child Entity	Type
cat_award_acct	cat_award_acct_coupon	Identifying
cat_award_acct_coupon	cat_award_acct_coupon_p	Identifying

cat_award_acct_coupon_p

Contains property code and value information for table CAT_AWARD_ACCT_COUPON.

cat_award_acct_coupon_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_card_nbr	VARCHAR (60)	NO	The customer's loyalty account number.
X	acct_id	VARCHAR (60)	NO	The customer's award account Id.
X	coupon_id	VARCHAR (60)	NO	A unique identifier for a coupon.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_AWARD_ACCT_COUPON (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_award_acct_coupon_p Relationships

Parent Entity	Child Entity	Type
cat_award_acct_coupon	cat_award_acct_coupon_p	Identifying

[cat_award_acct_p](#)

Contains property code and value information for table CAT_AWARD_ACCT.

cat_award_acct_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_card_nbr	VARCHAR (60)	NO	The customer's loyalty account number.
X	acct_id	VARCHAR (60)	NO	The customer's award account Id.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_AWARD_ACCT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_award_acct_p Relationships

Parent Entity	Child Entity	Type
cat_award_acct	cat_award_acct_p	Identifying

cat_charge_acct_history

Contains the historical information about any customer charge account.

cat_charge_acct_history Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	history_seq	BIGINT	NO	A unique and ordered identifier for the record.
	activity_date	DATETIME	YES	Date the activity took place.
	activity_enum	VARCHAR (30)	YES	The type of activity (PAYMENT, CHARGE, or CREDIT ADJUSTMENT).
	amt	NUMERIC (17,6)	YES	The amount of the activity.
	party_id	BIGINT	YES	The party identifier for the user performing the activity. Represents a customer, business, employee, etc. in the system.
	acct_user_name	VARCHAR (254)	YES	The name of the account user performing the activity.
	business_date	DATETIME	YES	Business date information for the transaction.
	trans_seq	BIGINT	YES	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	rtrans_lineitm_seq	INTEGER	YES	The sequence number of a line item within the context of this retail transaction.
	rtl_loc_id	INTEGER	YES	Retail location Id information for the transaction.
	wkstn_id	BIGINT	YES	Workstation Id information for the transaction.
	acct_balance	NUMERIC (17,6)	YES	The balance of the account after the activity.
	acct_user_id	VARCHAR (30)	YES	Used to track the authorized buyer Id.
	reversed_flag	BIT	NO	This flag is provided for a user to reverse a House Account Payment.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_charge_acct_history Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cat_charge_acct_history	Identifying
cat_authorizations	cat_charge_acct_history	Non-Identifying
crm_party	cat_charge_acct_history	Non-Identifying
cat_charge_acct_history	cat_charge_acct_history_p	Identifying

cat_charge_acct_history_p

Contains property code and value information for table CAT_CHARGE_ACCT_HISTORY.

cat_charge_acct_history_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	history_seq	BIGINT	NO	A unique and ordered identifier for the record.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_CHARGE_ACCT_HISTORY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_charge_acct_history_p Relationships

Parent Entity	Child Entity	Type
cat_charge_acct_history	cat_charge_acct_history_p	Identifying

cat_charge_acct_invoice

This table contains outstanding invoice information and will be updated by the home office. This provides the ability to view outstanding invoices and then choose to apply a full or partial payment to any of those payments due. Used when ShowOutstandingInvoicesForPayment is set to TRUE in SystemConfig.

cat_charge_acct_invoice Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, or SPECIAL_ORDER, WORK_ORDER)
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	invoice_number	VARCHAR (60)	NO	A unique identifier for the invoice.
	original_invoice_balance	NUMERIC (17,6)	YES	The current invoice balance due.
	invoice_balance	NUMERIC (17,6)	NO	The balance amount due from the starting invoice.
	invoice_date	DATETIME	YES	The date of the invoice.
	last_activity_date	DATETIME	YES	The date and time of the last activity on the account.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_charge_acct_invoice Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cat_charge_acct_invoice	Identifying
cat_charge_acct_invoice	cat_charge_acct_invoice_p	Identifying

cat_charge_acct_invoice_p

Contains property code and value information for table CAT_CHARGE_ACCT_INVOICE.

cat_charge_acct_invoice_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, or SPECIAL_ORDER, WORK_ORDER)
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	invoice_number	VARCHAR (60)	NO	A unique identifier for the invoice.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_CHARGE_ACCT_INVOICE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_charge_acct_invoice_p Relationships

Parent Entity	Child Entity	Type
cat_charge_acct_invoice	cat_charge_acct_invoice_p	Identifying

cat_charge_acct_users

Contains information about the users for a customer charge account. This table provides the ability to look up users by an identifying value.

cat_charge_acct_users Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	acct_user_id	VARCHAR (30)	NO	The identifier of the account user performing the activity.
	acct_user_name	VARCHAR (254)	NO	The name of the account user performing the activity.
	party_id	BIGINT	YES	Party identifier of the user for the account. Represents a customer, business, employee, etc. in the system.
	effective_date	DATETIME	YES	The date and time the user can use the account.
	expiration_date	DATETIME	YES	The date and time the user can no longer use the account.
	primary_contact_flag	BIT	YES	If true, indicates this person is the primary contact for the account.
	acct_user_first_name	VARCHAR (60)	YES	To support buyer first name.
	acct_user_last_name	VARCHAR (60)	YES	To support buyer last name.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_charge_acct_users Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cat_charge_acct_users	Identifying
crm_party	cat_charge_acct_users	Non-Identifying
cat_charge_acct_users	cat_charge_acct_users_p	Identifying

cat_charge_acct_users_p

Contains property code and value information for table CAT_CHARGE_ACCT_USERS.

cat_charge_acct_users_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	acct_user_id	VARCHAR (30)	NO	The identifier of the account user performing the activity.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_CHARGE_ACCT_USERS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_charge_acct_users_p Relationships

Parent Entity	Child Entity	Type
cat_charge_acct_users	cat_charge_acct_users_p	Identifying

cat_cust_acct

Contains information about a charge account (or other accounting relationship) a customer has with the store or enterprise. An account exists to allow the store to record a series of transactions with the same customer and maintain an ongoing record of monies owed by the customer and monies due to the customer.

cat_cust_acct Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, CUSTOMER_BACKORDER, LAYAWAY, LOYALTY, REMOTE_SEND, SEND_SALE, or SPECIAL_ORDER, WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
	acct_balance	NUMERIC (17,6)	YES	The new balance of the customer account after the transaction has been charged against it.
	rtl_loc_id	INTEGER	YES	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	cust_identity_req_flag	BIT	YES	A flag that signifies whether or not the customer must provide proof of his/her identity to verify that he/she may use the customer account.
	cust_identity_tpcode	VARCHAR (30)	YES	The type of customer identification proof required. Examples include driver's license, store charge card, trade association identification card, etc.
	party_id	BIGINT	YES	A unique, automatically assigned identity for a party. Represents a customer, business, employee, etc. in the system.
	acct_po_nbr	VARCHAR (60)	YES	The purchase order number for the account.
	dvt_class_name	VARCHAR (254)	YES	Metadata column that denotes the java concrete implementation of the record.
	cust_acct_statcode	VARCHAR (30)	YES	A code denoting the status of the customer account (ABANDONED, CLOSED, DELINQUENT, IN_PROGRESS, INACTIVE, NEW, OPEN, OVERDUE, PENDING, READY_TO_PICKUP, REFUNDABLE, or CLOSED_ESCROW).
	last_activity_date	DATETIME	YES	The date and time of the last activity on the account.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	acct_setup_date	DATETIME	YES	The date and time the account was set up.
	first_name	VARCHAR (254)	YES	The account owner's first name.
	last_name	VARCHAR (254)	YES	The account owner's last name.
	telephone	VARCHAR (32)	YES	The account owner's telephone number.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_acct Relationships

Parent Entity	Child Entity	Type
crm_party	cat_cust_acct	Non-Identifying
loc rtl_loc	cat_cust_acct	Non-Identifying
cat_cust_acct	cat_acct_note	Identifying
cat_cust_acct	cat_charge_acct_history	Identifying
cat_cust_acct	cat_charge_acct_invoice	Identifying
cat_cust_acct	cat_charge_acct_users	Identifying
cat_cust_acct	cat_cust_acct_journal	Identifying
cat_cust_acct	cat_cust_acct_p	Identifying
cat_cust_acct	cat_cust_consumer_charge_acct	Identifying
cat_cust_acct	cat_cust_item_acct	Identifying
cat_cust_acct	cat_payment_schedule	Identifying
cat_cust_acct	cwo_work_item	Identifying

Parent Entity	Child Entity	Type
cat_cust_acct	cwo_work_order_acct	Identifying
cat_cust_acct	cwo_work_order_acct_journal	Identifying
cat_cust_acct	trl_cust_item_acct_mod	Non-Identifying
cat_cust_acct	ttr_acct_credit_tndr_lineitm	Non-Identifying

cat_cust_acct_card

Contains information about a card or other device used in association with an account.

cat_cust_acct_card Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_card_nbr	VARCHAR (60)	NO	A unique retailer-assigned identifier for a customer account card.
	party_id	BIGINT	YES	Party identifier of the user for the account. Represents a customer, business, employee, etc. in the system.
	effective_date	DATETIME	YES	The date the card is ready for service or action.
	expr_date	DATETIME	YES	The date after which the card can no longer be used.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_acct_card Relationships

Parent Entity	Child Entity	Type
crm_party	cat_cust_acct_card	Non-Identifying
cat_cust_acct_card	cat_cust_acct_card_p	Identifying

cat_cust_acct_card_p

Contains property code and value information for table CAT_CUST_ACCT_CARD.

cat_cust_acct_card_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_card_nbr	VARCHAR (60)	NO	A unique retailer-assigned identifier for a customer account card.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_CUST_ACCT_CARD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_acct_card_p Relationships

Parent Entity	Child Entity	Type
cat_cust_acct_card	cat_cust_acct_card_p	Identifying

cat_cust_acct_journal

Contains information for entry in a journal of transaction details. Used for posting to a store financial ledger account for a customer account.

cat_cust_acct_journal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (CUSTOMER_BACKORDER, LAYAWAY, REMOTE_SEND, SEND_SALE, or SPECIAL_ORDER, WORK_ORDER)
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	journal_seq	BIGINT	NO	The sequence number of the customer account journal entry.
	rtl_loc_id	INTEGER	YES	Unique identifier for a specific retail store within the organization.
	party_id	BIGINT	YES	The party identifier for the user performing the activity. Represents a customer, business, employee, etc. in the system.
	acct_balance	NUMERIC (17,6)	YES	The current balance of the account.
	cust_identity_typcode	VARCHAR (30)	YES	The type of customer identification proof required. Examples include driver's license, store charge card, trade association identification card, etc.
	trans rtl_loc_id	INTEGER	YES	The retail location where the transaction took place.
	trans_wkstn_id	BIGINT	YES	The work station where the transaction took place.
	trans_business_date	DATETIME	YES	The business date the transaction took place.
	trans_trans_seq	BIGINT	YES	The transaction sequence number.
	dvt_class_name	VARCHAR (254)	YES	Metadata column that denotes the java concrete implementation of the record.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_acct_journal Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cat_cust_acct_journal	Identifying
crm_party	cat_cust_acct_journal	Non-Identifying
loc rtl_loc	cat_cust_acct_journal	Non-Identifying
trn_trans	cat_cust_acct_journal	Non-Identifying
cat_cust_acct_journal	cat_cust_acct_journal_p	Identifying

[cat_cust_acct_journal_p](#)

Contains property code and value information for table CAT_CUST_ACCT_JOURNAL.

cat_cust_acct_journal_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (CUSTOMER_BACKORDER, LAYAWAY, REMOTE_SEND, SEND_SALE, or SPECIAL_ORDER, WORK_ORDER)
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	journal_seq	BIGINT	NO	The sequence number of the customer account journal entry.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_CUST_ACCT_JOURNAL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_acct_journal_p Relationships

Parent Entity	Child Entity	Type
cat_cust_acct_journal	cat_cust_acct_journal_p	Identifying

cat_cust_acct_p

Contains generic properties for a customer account (the key-value based properties of the customer account).

cat_cust_acct_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with the customer account. For example: for AR account, property codes: LAST_PAYMENT_DATE, LAST_PAYMENT_AMOUNT, LAST_PURCHASE_DATE, or LAST_PURCHASE_AMOUNT.
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	date_value	DATETIME	YES	Required when the Type is DATE.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_acct_p Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cat_cust_acct_p	Identifying

cat_cust_acct_plan

Contains information about a plan used in association with an account.

cat_cust_acct_plan Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	A unique identifier for a type of customer account. For example, same as the tndr_id: PRIVATE_LABEL.
X	plan_id	VARCHAR (30)	NO	A unique identifier for an account plan. This number will be sent in auth requests and stored on the line item.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	plan_description	VARCHAR (255)	YES	A textual description of the type of account plan. This text will be displayed on the plan selection list.
	effective_date	DATETIME	YES	The date the account plan is ready for service or action.
	expiration_date	DATETIME	YES	The date and time the user can no longer use the account plan.
	display_order	INTEGER	YES	Indicates the order in which the account plans are displayed in the list.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_acct_plan Relationships

Parent Entity	Child Entity	Type
cat_cust_acct_plan	cat_cust_acct_plan_p	Identifying

cat_cust_acct_plan_p

Contains property code and value information for table CAT_CUST_ACCT_PLAN.

cat_cust_acct_plan_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	A unique identifier for a type of customer account. For example, same as the tndr_id: PRIVATE_LABEL.
X	plan_id	VARCHAR (30)	NO	A unique identifier for an account plan. This number will be sent in auth requests and stored on the line item.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_CUST_ACCT_PLAN (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_acct_plan_p Relationships

Parent Entity	Child Entity	Type
cat_cust_acct_plan	cat_cust_acct_plan_p	Identifying

[cat_cust_consumer_charge_acct](#)

Contains information about a type of customer account that allows a customer to make purchases on credit. This type of account is a house charge account and usually requires the customer to use a charge card to settle a transaction.

cat_cust_consumer_charge_acct Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, or CREDIT_PAYMENT).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
	credit_limit	NUMERIC (17,6)	YES	The credit limit on the account.
	po_req_flag	BIT	YES	If true, Purchase Order number is required for this account.
	on_hold_flag	BIT	YES	If true, the account is on hold and cannot be used.
	corporate_account_flag	BIT	YES	Flag tracks whether or not this house account is a corporate or store level account (only store level accounts are editable in Xstore).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_consumer_charge_acct Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cat_cust_consumer_charge_acct	Identifying

cat_cust_item_acct

Contains information for a retail transaction when it is tendered against a Customer Account Card or Customer Account.

cat_cust_item_acct Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (CUSTOMER_BACKORDER, LAYAWAY, REMOTE_SEND, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
	acct_total	NUMERIC (17,6)	YES	The total for the account.
	cust_acct_statcode	VARCHAR (30)	YES	A code denoting the status of the customer account (ABANDONED, CLOSED, DELINQUENT, IN_PROGRESS, INACTIVE, NEW, OPEN, OVERDUE, PENDING, READY_TO_PICKUP, or REFUNDABLE).
	acct_setup_date	DATETIME	YES	The date and time the account was set up.
	active_payment_amt	NUMERIC (17,6)	YES	The payment amount for the active items on the account.
	total_payment_amt	NUMERIC (17,6)	YES	The total payment amount.
	active_acct_total	NUMERIC (17,6)	YES	The total for the active items on the account.
	last_activity_date	DATETIME	YES	The date and time of the last activity on the account.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_item_acct Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cat_cust_item_acct	Identifying
cat_cust_item_acct	cat_cust_item_acct_activity	Identifying
cat_cust_item_acct	cat_cust_item_acct_detail	Identifying
cat_cust_item_acct	cat_cust_item_acct_journal	Identifying
cat_cust_item_acct	cat_delivery_modifier	Identifying

cat_cust_item_acct_activity

Contains the changes made to the item account activity detail line item.

cat_cust_item_acct_activity Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	cust_item_acct_detail_item_nbr	INTEGER	NO	Sequence number within the item account detail to keep the activity record ordered and unique.
X	seq_nbr	INTEGER	NO	Sequence number within the table to keep the activity record ordered and unique.
	activity_datetime	DATETIME	YES	The date and time the customer account activity took place for the line item.
	item_acct_activity_code	VARCHAR (30)	YES	A code for the activity performed on the customer account. For example, for a LAYAWAY account, an activity code of SETUP.
	item_acct_lineitm_statcode	VARCHAR (30)	YES	The status of the line item in the account (OPEN, SHIP, NEW, SETUP, CREATED, CLOSE, PICKUP, or CANCEL).
	rtl_loc_id	INTEGER	YES	Retail location Id information for the transaction.
	wkstn_id	BIGINT	YES	Workstation Id information for the transaction.
	business_date	DATETIME	YES	Business date information for the transaction.
	trans_seq	BIGINT	YES	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	rtrans_lineitm_seq	INTEGER	YES	The sequence number of a line item within the context of this retail transaction.
	unit_price	NUMERIC (17,6)	YES	The unit price of the item.
	quantity	NUMERIC (11,4)	YES	The item quantity.
	line_typcode	VARCHAR (30)	YES	A code denoting the type of activity for the customer account line item (ITEM, PAYMENT, DEPOSIT, or PAYMENT_TENDER).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	extended_amt	NUMERIC (17,6)	YES	The product of multiplying quantity by the retail selling unit price derived from price lookup (and any applicable price derivation rules). This retail sale unit price excludes sales and/or value added tax.
	net_amt	NUMERIC (17,6)	YES	The net amount.
	scheduled_pickup_date	DATETIME	YES	The date the item will be available for pickup.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_item_acct_activity Relationships

Parent Entity	Child Entity	Type
cat_cust_item_acct	cat_cust_item_acct_activity	Identifying
cat_authorizations	cat_cust_item_acct_activity	Non-Identifying
cat_cust_item_acct_activity	cat_cust_item_acct_activity_p	Identifying

cat_cust_item_acct_activity_p

Contains property code and value information for table CAT_CUST_ITEM_ACCT_ACTIVITY.

cat_cust_item_acct_activity_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	cust_item_acct_detail_item_nbr	INTEGER	NO	Sequence number within the item account detail to keep the activity record ordered and unique.
X	seq_nbr	INTEGER	NO	Sequence number within the table to keep the activity record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_CUST_ITEM_ACCT_ACTIVITY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_item_acct_activity_p Relationships

Parent Entity	Child Entity	Type
cat_cust_item_acct_activity	cat_cust_item_acct_activity_p	Identifying

cat_cust_item_acct_detail

Contains all line items from all transactions for the customer account.

cat_cust_item_acct_detail Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	cust_item_acct_detail_item_nbr	INTEGER	NO	Sequence number within the item account detail to keep the activity record ordered and unique.
	item_acct_lineitm_statcode	VARCHAR (30)	YES	The status of the line item in the account. For example, OPEN, SHIP, NEW, SETUP, CREATED, CLOSE, PICKUP, or CANCEL.
	original_item_add_date	DATETIME	YES	The date the item was added to the account.
	rtl_loc_id	INTEGER	YES	Retail location Id information for the transaction.
	wkstn_id	BIGINT	YES	Workstation Id information for the transaction.
	business_date	DATETIME	YES	Business date information for the transaction.
	trans_seq	BIGINT	YES	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	rtrans_lineitm_seq	INTEGER	YES	The sequence number of a line item within the context of this retail transaction.
	line_typcode	VARCHAR (30)	YES	A code denoting the type of activity for the customer account line item (ITEM, PAYMENT, DEPOSIT, or PAYMENT_TENDER).
	extended_amt	NUMERIC (17,6)	YES	The product of multiplying quantity by the retail selling unit price derived from price lookup (and any applicable price derivation rules). This retail sale unit price excludes sales and/or value added tax.
	net_amt	NUMERIC (17,6)	YES	The net amount.
	unit_price	NUMERIC (17,6)	YES	The unit price of the item.
	quantity	NUMERIC (11,4)	YES	The item quantity.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	scheduled_pickup_date	DATETIME	YES	The date the item will be available for pickup.
	source_loc_id	INTEGER	YES	The identifier for the location sourcing the order (ship or transfer).
	fullfillment_loc_id	INTEGER	YES	The identifier for the location fulfilling (pickup or delivery) the order.
	delivery_type_id	VARCHAR (20)	YES	The identifier for the delivery type (Pickup or Delivery).
	received_by_cust_date	DATETIME	YES	The date the item was received by the customer.
	create_date	DATETIME	YES	The date the record was created, relative to GM,T so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_item_acct_detail Relationships

Parent Entity	Child Entity	Type
cat_cust_item_acct	cat_cust_item_acct_detail	Identifying
cat_authorizations	cat_cust_item_acct_detail	Non-Identifying
cat_cust_item_acct_detail	cat_cust_item_acct_detail_p	Identifying

cat_cust_item_acct_detail_p

Contains property code and value information for table CAT_CUST_ITEM_ACCT_DETAIL.

cat_cust_item_acct_detail_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	cust_item_acct_detail_item_nbr	INTEGER	NO	Sequence number within the item account detail to keep the activity record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_CUST_ITEM_ACCT_DETAIL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_item_acct_detail_p Relationships

Parent Entity	Child Entity	Type
cat_cust_item_acct_detail	cat_cust_item_acct_detail_p	Identifying

cat_cust_item_acct_journal

Contains the historical record for the customer item account activity.

cat_cust_item_acct_journal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (CUSTOMER_BACKORDER, LAYAWAY, REMOTE_SEND, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	journal_seq	BIGINT	NO	The sequence number of the customer item account journal entry.
	cust_acct_statcode	VARCHAR (30)	YES	A code denoting the status of the customer account (ABANDONED, CLOSED, DELINQUENT, IN_PROGRESS, INACTIVE, NEW, OPEN, OVERDUE, PENDING, READY_TO_PICKUP, or REFUNDABLE)
	acct_setup_date	DATETIME	YES	The date and time the account was set up.
	last_activity_date	DATETIME	YES	The date and time of the last activity on the account.
	acct_total	NUMERIC (17,6)	YES	The total for the account.
	active_payment_amt	NUMERIC (17,6)	YES	The payment amount for the active items on the account.
	active_acct_total	NUMERIC (17,6)	YES	The total for the active items on the account.
	total_payment_amt	NUMERIC (17,6)	YES	The total payment amount.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_item_acct_journal Relationships

Parent Entity	Child Entity	Type
cat_cust_item_acct	cat_cust_item_acct_journal	Identifying

cat_cust_loyalty_acct

Contains information about a type of customer account established only for the purpose of tracking a customer's activity over a period of time. The information is based on the volume of net sales to provide an award to the customer in the form of a gift or special discount.

cat_cust_loyalty_acct Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	cust_card_nbr	VARCHAR (60)	NO	The customer's loyalty account card number.
	effective_date	DATETIME	YES	Date on which the primary loyalty account is first active.
	expiration_date	DATETIME	YES	Date after which the primary loyalty account is inactive.
	acct_balance	NUMERIC (17,6)	YES	The current loyalty account balance, in dollars.
	escrow_balance	DECIMAL (17,6)	YES	Stores the escrow balance for a loyalty account.
	bonus_balance	DECIMAL (17,6)	YES	Stores the bonus balance for a loyalty account.
	loyalty_program_id	VARCHAR (60)	YES	A unique identifier for a loyalty program.
	loyalty_program_level_id	VARCHAR (60)	YES	The loyalty program level id used by the Relate CRM system.
	loyalty_program_name	VARCHAR (60)	YES	The loyalty program name.
	loyalty_program_level_name	VARCHAR (60)	YES	The name for the loyalty program level.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_loyalty_acct Relationships

Parent Entity	Child Entity	Type
cat_cust_loyalty_acct	cat_cust_loyalty_acct_p	Identifying

cat_cust_loyalty_acct_p

Contains property code and value information for table CAT_CUST_LOYALTY_ACCT.

cat_cust_loyalty_acct_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_card_nbr	VARCHAR (60)	NO	The customer's loyalty account card number.
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_CUST_LOYALTY_ACCT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_cust_loyalty_acct_p Relationships

Parent Entity	Child Entity	Type
cat_cust_loyalty_acct	cat_cust_loyalty_acct_p	Identifying

cat_delivery_modifier

Contains delivery information for customer accounts.

cat_delivery_modifier Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
	delivery_enum	VARCHAR (30)	YES	A code denoting the delivery destination for a type of customer account. For example CUSTOMER, STORE.
	address1	VARCHAR (254)	YES	The first line of the address.
	address2	VARCHAR (254)	YES	The second line of the address.
	address3	VARCHAR (254)	YES	The third line of the address.
	address4	VARCHAR (254)	YES	The fourth line of the address.
	city	VARCHAR (254)	YES	The city component of an address.
	state	VARCHAR (30)	YES	The state component of an address.
	postal_code	VARCHAR (30)	YES	The postal code component of an address.
	country	VARCHAR (2)	YES	The country component of an address.
	neighborhood	VARCHAR (254)	YES	The neighborhood of an address.
	county	VARCHAR (254)	YES	The county component of an address.
	telephone1	VARCHAR (32)	YES	The primary telephone number.
	telephone2	VARCHAR (32)	YES	The alternate telephone number.
	telephone3	VARCHAR (32)	YES	The alternate telephone number.
	telephone4	VARCHAR (32)	YES	The alternate telephone number.
	apartment	VARCHAR (30)	YES	The apartment component of the address.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	first_name	VARCHAR (254)	YES	A person's first name. In western cultures this is the given name, in other cultures it may be the family name.
	middle_name	VARCHAR (254)	YES	One or more names that are printed between the person's first and last names.
	last_name	VARCHAR (254)	YES	A person's last name. In western cultures this is the family (or patronymic) name. In other cultures it may be the given name.
	shipping_method	VARCHAR (254)	YES	The means by which the item was shipped.
	tracking_number	VARCHAR (254)	YES	Tracking number assigned by the carrier used to track the progress of this shipment with the carrier.
	extension	VARCHAR (8)	YES	Not currently used.
	delivery_end_time	DATETIME	YES	The ending delivery period (for example: 05:00 PM).
	delivery_start_time	DATETIME	YES	The beginning delivery period (for example: 08:00 AM).
	delivery_date	DATETIME	YES	The delivery date.
	instructions	VARCHAR (254)	YES	Text information for this delivery.
	geo_code	VARCHAR (20)	YES	A Taxware-defined code used to distinguish locations that have more than one ZIP Code and cities that are located in more than one county. Also used to identify locations inside or outside city limits (used to determine default taxing when unable to connect to Taxware).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_delivery_modifier Relationships

Parent Entity	Child Entity	Type
cat_cust_item_acct	cat_delivery_modifier	Identifying
cat_delivery_modifier	cat_delivery_modifier_p	Identifying

cat_delivery_modifier_p

Contains property code and value information for table CAT_DELIVERY_MODIFIER.

cat_delivery_modifier_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_DELIVERY_MODIFIER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_delivery_modifier_p Relationships

Parent Entity	Child Entity	Type
cat_delivery_modifier	cat_delivery_modifier_p	Identifying

cat_escrow_acct

Contains information about an escrow account a customer has with the store or enterprise. An escrow account exists to allow the store to maintain an ongoing record of monies due to the customer for cancelled customer accounts for which payments have been made (special orders, layaways).

cat_escrow_acct Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account. Must be unique within the Customer Account Code. Account identifier is "E" + customer number.
	acct_balance	NUMERIC (17,6)	YES	Total escrow account balance.
	cust_acct_statcode	VARCHAR (30)	YES	A code denoting the status of the customer account (ABANDONED, CLOSED, DELINQUENT, IN_PROGRESS, INACTIVE, NEW, OPEN, OVERDUE, PENDING, READY_TO_PICKUP, or REFUNDABLE).
	acct_setup_date	DATETIME	YES	The date and time the account was set up.
	last_activity_date	DATETIME	YES	The date and time of the last activity on the account.
	party_id	BIGINT	YES	Party identifier of the user for the account. Represents a customer, business, employee, etc. in the system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_escrow_acct Relationships

Parent Entity	Child Entity	Type
crm_party	cat_escrow_acct	Non-Identifying
cat_escrow_acct	cat_escrow_acct_activity	Identifying
cat_escrow_acct	cat_escrow_acct_p	Identifying

cat_escrow_acct_activity

Contains detailed activities for an escrow account a customer has with the store or enterprise. An escrow account exists to allow the store to maintain an ongoing record of monies due to the customer for cancelled customer accounts for which payments have been made (special orders, layaways). The activities provide a record of each transaction applied to the account.

cat_escrow_acct_activity Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account. Must be unique within the Customer Account Code. Account identifier is "E" + customer number.
X	seq_nbr	BIGINT	NO	Sequence number within the table to keep the activity record ordered and unique.
	activity_date	DATETIME	YES	Date the activity took place.
	activity_enum	VARCHAR (30)	YES	The type of activity (DEPOSIT, PAYMENT, CHARGE, CREDIT, or ADJUSTMENT).
	amt	NUMERIC (17,6)	YES	The amount of the activity.
	business_date	DATETIME	YES	Business date information for the transaction.
	trans_seq	BIGINT	YES	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	rtl_loc_id	INTEGER	YES	Retail location Id information for the transaction.
	wkstn_id	BIGINT	YES	Workstation Id information for the transaction.
	source_cust_acct_id	VARCHAR (60)	YES	Account Id of account canceled.
	source_cust_acct_code	VARCHAR (30)	YES	Account type of account canceled. For example, SPECIAL_ORDER.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_escrow_acct_activity Relationships

Parent Entity	Child Entity	Type
cat_escrow_acct	cat_escrow_acct_activity	Identifying
trn_trans	cat_escrow_acct_activity	Non-Identifying
cat_escrow_acct_activity	cat_escrow_acct_activity_p	Identifying

cat_escrow_acct_activity_p

Contains property code and value information for table CAT_ESCROW_ACCT_ACTIVITY.

cat_escrow_acct_activity_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account. Must be unique within the Customer Account Code. Account identifier is "E" + customer number.
X	seq_nbr	BIGINT	NO	Sequence number within the table to keep the activity record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_ESCROW_ACCT_ACTIVITY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_escrow_acct_activity_p Relationships

Parent Entity	Child Entity	Type
cat_escrow_acct_activity	cat_escrow_acct_activity_p	Identifying

cat_escrow_acct_p

Contains property code and value information for table CAT_ESCROW_ACCT.

cat_escrow_acct_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account. Must be unique within the Customer Account Code. Account identifier is "E" + customer number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_ESCROW_ACCT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_escrow_acct_p Relationships

Parent Entity	Child Entity	Type
cat_escrow_acct	cat_escrow_acct_p	Identifying

cat_payment_schedule

Contains timetable information for account payments.

cat_payment_schedule Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
	begin_date	DATETIME	YES	The date and time the payment schedule begins.
	interval_type_enum	VARCHAR (30)	YES	A code for the type of payment schedule interval associated with the interval count.
	interval_count	INTEGER	YES	The number of interval periods associated with the payment schedule interval type.
	total_payment_amt	NUMERIC (17,6)	YES	The total payment monetary amount.
	payment_count	INTEGER	YES	The number of payments.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_payment_schedule Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cat_payment_schedule	Identifying
cat_payment_schedule	cat_payment_schedule_p	Identifying

cat_payment_schedule_p

Contains property code and value information for table CAT_PAYMENT_SCHEDULE.

cat_payment_schedule_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account, generally assigned by the home office. Must be unique within the Customer Account Code.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CAT_PAYMENT_SCHEDULE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cat_payment_schedule_p Relationships

Parent Entity	Child Entity	Type

Parent Entity	Child Entity	Type
cat_payment_schedule	cat_payment_schedule_p	Identifying

Domain: CIVC

Country Pack Invoice Entities.

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

civc_invoice

Contains invoice information for locations with an activated country pack.

civc_invoice Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_year	INTEGER	NO	Four digit year of the invoice.
X	sequence_id	VARCHAR (255)	NO	Unique identifier for the sequence.
X	sequence_nbr	BIGINT	NO	Sequence number.
	invoice_type	VARCHAR (32)	NO	Invoice Type.
	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
	void_flag	BIT	YES	If true, this invoice has been voided.
	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
	ext_invoice_id	VARCHAR(60)	YES	Id of the Tax Free invoice on the provider system
	gross_amt	NUMBER((17, 6)	YES	Gross amount of the invoice
	refund_amt	NUMBER (17, 6)	YES	Amount refunded on the invoice

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	invoice_date	DATETIME	YES	Local date and time when the invoice was created
	ext_invoice_barcode	VARCHAR(60)	YES	Barcode of the Tax Free invoice. If null the barcode is equal to the invoice id
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across timezones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

civc_invoice Relationships

Parent Entity	Child Entity	Type
loc_wkstn	civc_invoice	Identifying
crm_party	civc_invoice	Non-Identifying
civc_invoice	civc_invoice_p	Identifying
civc_invoice	civc_invoice_report	Identifying
civc_invoice	civc_invoice_xref	Identifying

civc_invoice_p

Contains property code and value information for table CIVC_INVOICE.

civc_invoice_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_year	INTEGER	NO	Four digit year of the invoice.
X	sequence_id	VARCHAR (255)	NO	Unique identifier for the sequence.
X	sequence_nbr	BIGINT	NO	Sequence number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with the inventory document (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required, when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required, when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

civc_invoice_p Relationships

Parent Entity	Child Entity	Type
civc_invoice	civc_invoice_p	Identifying

civc_invoice_report

Contains invoice report information for locations with an activated country pack.

civc_invoice_report Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_year	INTEGER	NO	Four digit year of the invoice.
X	sequence_id	VARCHAR (255)	NO	Unique identifier for the sequence.
X	sequence_nbr	BIGINT	NO	Sequence number.
X	invoice_copy_nbr	INTEGER	NO	Invoice copy number.
	invoice_data	VARBINARY(MAX)	YES	Invoice data.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

civc_invoice_report Relationships

Parent Entity	Child Entity	Type
civc_invoice	civc_invoice_report	Identifying
civc_invoice_report	civc_invoice_report_p	Identifying

civc_invoice_report_p

Contains property code and value information for table CIVC_INVOICE_REPORT.

civc_invoice_report_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_year	INTEGER	NO	Four digit year of the invoice.
X	sequence_id	VARCHAR (255)	NO	Unique identifier for the sequence.
X	sequence_nbr	BIGINT	NO	Sequence number.
X	invoice_copy_nbr	INTEGER	NO	Invoice copy number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with the inventory document (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required, when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required, when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

civc_invoice_report_p Relationships

Parent Entity	Child Entity	Type
civc_invoice_report	civc_invoice_report_p	Identifying

civc_invoice_xref

Contains invoice cross reference information for locations with an activated country pack.

civc_invoice_xref Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_year	INTEGER	NO	Four digit year of the invoice.
X	sequence_id	VARCHAR (255)	NO	Unique identifier for the sequence.
X	sequence_nbr	BIGINT	NO	Sequence number.
X	trans rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	trans_business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

civc_invoice_xref Relationships

Parent Entity	Child Entity	Type
civc_invoice	civc_invoice_xref	Identifying
trn_trans	civc_invoice_xref	Identifying
civc_invoice_xref	civc_invoice_xref_p	Identifying

civc_invoice_xref_p

Contains property code and value information for table CIVC_INVOICE_XREF.

civc_invoice_xref_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_year	INTEGER	NO	Four digit year of the invoice.
X	sequence_id	VARCHAR (255)	NO	Unique identifier for the sequence.
X	sequence_nbr	BIGINT	NO	Sequence number.
X	trans rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	trans_business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_wkstn_id	BIGINT	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with the inventory document (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required, when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required, when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

civc_invoice_xref_p Relationships

Parent Entity	Child Entity	Type
civc_invoice_xref	civc_invoice_xref_p	Identifying

civc_taxfree_card_range

contains a list of card ranges that identify credit and debit cards that are from countries whose nationals are not entitled to a Tax Free invoice
For Global Blue this table is populated by the provider during the configuration calls, for Fintrax this table is not used.

civc_taxfree_card_range Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	Workstation where the kit was sold.
	range_start	VARCHAR(8)	YES	First BIN number of the range of non tax free entitled cards
	range_end	VARCHAR(8)	YES	First BIN number after the range that is tax free entitled. Non entitled cards have a bin that is: range_start<=BIN<range_end
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

civc_tax_free_card_range Relationships

Parent Entity	Child Entity	Type
cpaf_tax_free_card_range	cpaf_tax_free_card_range_p	Identifying

civc_taxfree_card_range_p

Contains property code and value information for table civc_taxfree_card_range_p

civc_taxfree_card_range_p attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	Workstation where the kit was sold.
X	range_start	VARCHAR(8)	NO	First BIN number of the range of non tax free entitled cards
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with the inventory document (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	string_value	VARCHAR (MAX)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required, when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required, when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

civc_taxfree_card_range_p Relationships

Parent Entity	Child Entity	Type
civc_taxfree_card_range	civc_taxfree_card_range_p	Identifying

civc_taxfree_country

contains the list of countries whose nationals are entitled to a Tax Free invoice.

For Global Blue this table is populated by the provider during the configuration calls, for Fintrax this table must be manually populated

civc_taxfree_country Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	Workstation where the kit was sold.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	iso3num_code	VARCHAR(3)	NO	Country ISO2 alphanumeric code
	iso2alp_code	VARCHAR(2)	YES	Country ISO 3 numeric code
	name	VARCHAR(150)	YES	Country name
	phone_prefix	VARCHAR(4)	YES	Country international phone prefix, excluding initial 0 or +
	passport_code	VARCHAR(10)	YES	The country ISO3 numeric passport code
	void_flag	BIT	YES	If true, denotes that this party record has been voided.
	blocked_flag	BIT	YES	If set Tax Free invoicing has been blocked for this country
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

civc_taxfree_country Relationships

Parent Entity	Child Entity	Type
civc_tax_free_country	civc_tax_free_country_p	Identifying

[civc_taxfree_country_p](#)

Contains property code and value information for table CIVC_TAXFREE_COUNTRY.

civc_taxfree_country_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	Workstation where the kit was sold.
X	iso3num_code	VARCHAR(3)	NO	Country ISO2 alphanumeric code
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CIVC_TAXFREE_COUNTRY(key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

civc_tax_free_country Relationships

Parent Entity	Child Entity	Type
civc_tax_free_country	civc_tax_free_country_p	Identifying

Domain: COM

Common Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

com_address

Contains mail location information. Commonly used for work order service locations, certain inventory documents, and vendors.

com_address Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	address_id	VARCHAR (60)	NO	A unique identifier for the address.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123)
	address1	VARCHAR (254)	YES	The first line of the address, normally the street number and name.
	address2	VARCHAR (254)	YES	The second line of the address. For example, building suite or flat number.
	address3	VARCHAR (254)	YES	The third line of the address.
	address4	VARCHAR (254)	YES	The fourth line of the address.
	apartment	VARCHAR (30)	YES	The apartment component of an address.
	city	VARCHAR (254)	YES	The city component of an address.
	territory	VARCHAR (254)	YES	The territory component of an address (OH, PA, etc.).
	postal_code	VARCHAR (254)	YES	The postal code (zip code) component of an address.
	country	VARCHAR (2)	YES	The country component of an address.
	neighborhood	VARCHAR (254)	YES	The neighborhood of an address.
	county	VARCHAR (254)	YES	The county component of an address.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_address Relationships

Parent Entity	Child Entity	Type
com_address	com_address_p	Identifying
com_address	cwo_service_loc	Non-Identifying
com_address	itm_vendor	Non-Identifying

com_address_country

Contains the mappings of country Ids to the full country names and the maximum length of those countries' postal codes.

com_address_country Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	country_id	VARCHAR (2)	NO	The id of the country that is being mapped.
X	address_mode	VARCHAR (60)	NO	The mode of the address service that uses these mappings. Supported Address Service Modes: DEFAULT – Used if the data for more-specific modes is not populated, SHIPSALE – Receiving Documents, Send Sale, Ship Sale, CUSTOMER – Customer Maintenance/Search, Credit Application, Large Cash Payments, EMPLOYEE – Employee Maintenance, HOME_OFFICE_CHECK – Home office check info prompts, SHIPPING – Shipping documents, TAX_EXEMPT – Editing tax exemptions, REPORTING – Reporting prompts, TENDER – Identity Verification for tender operations
	country_name	VARCHAR (254)	YES	The full name of the mapped country.
	max_postal_length	INTEGER	YES	The maximum length of the mapped country's postal codes.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_address_country Relationships

Parent Entity	Child Entity	Type
com_address_country	com_address_country_p	Identifying
com_address_country	com_address_state	Identifying

com_address_country_p

Contains property code and value information for table COM_ADDRESS_COUNTRY.

com_address_country_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	country_id	VARCHAR (2)	NO	The id of the country that is being mapped.
X	address_mode	VARCHAR (60)	NO	The mode of the address service that uses these mappings. Supported Address Service Modes: DEFAULT – Used if the data for more-specific modes is not populated, SHIPSALE – Receiving Documents, Send Sale, Ship Sale, CUSTOMER – Customer Maintenance/Search, Credit Application, Large Cash Payments, EMPLOYEE – Employee Maintenance, HOME_OFFICE_CHECK – Home office check info prompts, SHIPPING – Shipping documents, TAX_EXEMPT – Editing tax exemptions, REPORTING – Reporting prompts, TENDER – Identity Verification for tender operations
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_ADDRESS_COUNTRY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_address_country_p Relationships

Parent Entity	Child Entity	Type
com_address_country	com_address_country_p	Identifying

com_address_p

Contains property code and value information for table COM_ADDRESS.

com_address_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	address_id	VARCHAR (60)	NO	A unique identifier for the address.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_ADDRESS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_address_p Relationships

Parent Entity	Child Entity	Type
com_address	com_address_p	Identifying

com_address_postalcode

Contains the mappings of country Ids and postal codes to state and city information.

com_address_postalcode Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	country_id	VARCHAR (2)	NO	Id of the country that the postal code belongs to.
X	postal_code_id	VARCHAR (30)	NO	A version of the postal code with all of the white space stripped. Typed values in Xstore input fields that do not allow spaces.
X	address_mode	VARCHAR (60)	NO	The mode of the address service that uses these mappings. Supported Address Service Modes: DEFAULT – Used if the data for more-specific modes is not populated, SHIPSALE – Receiving Documents, Send Sale, Ship Sale, CUSTOMER – Customer Maintenance/Search, Credit Application, Large Cash Payments, EMPLOYEE – Employee Maintenance, HOME_OFFICE_CHECK – Home office check info prompts, SHIPPING – Shipping documents, TAX_EXEMPT – Editing tax exemptions, REPORTING – Reporting prompts, TENDER – Identity Verification for tender operations
	postal_code	VARCHAR (30)	YES	The postal code (zip code) component of an address.
	state_id	VARCHAR (10)	YES	The Id of the state.
	city_name	VARCHAR (254)	YES	The city name that the country/postal code maps to.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_address_postalcode Relationships

Parent Entity	Child Entity	Type
com_address_state	com_address_postalcode	Non-Identifying
com_address_postalcode	com_address_postalcode_p	Identifying

com_address_postalcode_p

Contains property code and value information for table COM_ADDRESS_POSTALCODE.

com_address_postalcode_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	country_id	VARCHAR (2)	NO	Id of the country that the postal code belongs to.
X	postal_code_id	VARCHAR (30)	NO	A version of the postal code with all of the white space stripped. Typed values in Xstore input fields that do not allow spaces.
X	address_mode	VARCHAR (60)	NO	The mode of the address service that uses these mappings. Supported Address Service Modes: DEFAULT – Used if the data for more-specific modes is not populated, SHIPSALE – Receiving Documents, Send Sale, Ship Sale, CUSTOMER – Customer Maintenance/Search, Credit Application, Large Cash Payments, EMPLOYEE – Employee Maintenance, HOME_OFFICE_CHECK – Home office check info prompts, SHIPPING – Shipping documents, TAX_EXEMPT – Editing tax exemptions, REPORTING – Reporting prompts, TENDER – Identity Verification for tender operations
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_ADDRESS_POSTALCODE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_address_postalcode_p Relationships

Parent Entity	Child Entity	Type
com_address_postalcode	com_address_postalcode_p	Identifying

com_address_state

Contains mapping information of country Ids and state Ids to state names.

com_address_state Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	country_id	VARCHAR (2)	NO	The Id of the country the state belongs to.
X	state_id	VARCHAR (10)	NO	The Id of the state.
X	address_mode	VARCHAR (60)	NO	The mode of the address service that uses these mappings. Supported Address Service Modes: DEFAULT – Used if the data for more-specific modes is not populated, SHIPSALE – Receiving Documents, Send Sale, Ship Sale, CUSTOMER – Customer Maintenance/Search, Credit Application, Large Cash Payments, EMPLOYEE – Employee Maintenance, HOME_OFFICE_CHECK – Home office check info prompts, SHIPPING – Shipping documents, TAX_EXEMPT – Editing tax exemptions, REPORTING – Reporting prompts, TENDER – Identity Verification for tender operations
	state_name	VARCHAR (60)	YES	The full name of the state.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_address_state Relationships

Parent Entity	Child Entity	Type
com_address_country	com_address_state	Identifying
com_address_state	com_address_state_p	Identifying
com_address_state	com_address_postalcode	Non-Identifying

com_address_state_p

Contains property code and value information for table COM_ADDRESS_STATE.

com_address_state_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	country_id	VARCHAR (2)	NO	The Id of the country the state belongs to.
X	state_id	VARCHAR (10)	NO	The Id of the state.
X	address_mode	VARCHAR (60)	NO	The mode of the address service that uses these mappings. Supported Address Service Modes: DEFAULT – Used if the data for more-specific modes is not populated, SHIPSALE – Receiving Documents, Send Sale, Ship Sale, CUSTOMER – Customer Maintenance/Search, Credit Application, Large Cash Payments, EMPLOYEE – Employee Maintenance, HOME_OFFICE_CHECK – Home office check info prompts, SHIPPING – Shipping documents, TAX_EXEMPT – Editing tax exemptions, REPORTING – Reporting prompts, TENDER – Identity Verification for tender operations
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_ADDRESS_STATE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_address_state_p Relationships

Parent Entity	Child Entity	Type
com_address_state	com_address_state_p	Identifying

com_airport

Contains the list of known airports. Only flight from and to known airports are accepted. Based on the zone_id of the two airports the appropriate taxation is applied (see the table com_airport_zone_detail); nevertheless, if the country of the two airports (origin and destination) are the same, the TAX_NORMAL regime is applied.

com_airport Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	airport_code	VARCHAR (3)	NO	Three digit code of the passenger's originated airport (eg: CLE), according to the boarding pass
	airport_name	VARCHAR (254)	NO	The airport name.
	country_code	VARCHAR (2)	NO	The country code.
	zone_id	VARCHAR(30)	NO	The source zone id (eg: DOMESTIC,EU,NON_EU).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)		The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

com_airport Relationships

Parent Entity	Child Entity	Type
com_airport	com_airport_p	Identifying

com_airport_p

Contains property code and value information for table COM_AIRPORT.

com_airport_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	airport_code	VARCHAR (3)	NO	Three digit code of the passenger's originated airport (eg: CLE), according to the boarding pass
X	Property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_AIRPORT(key/value pair).
	Type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

com_airport_p Relationships

Parent Entity	Child Entity	Type
com_airport	com_airport_p	Identifying

com_airport_zone

This table contains zone and description of the source airport.

com_airport_zone Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	zone_id	VARCHAR (30)	NO	The source zone id (eg: DOMESTIC,EU,NON_EU).
	description	VARCHAR (254)	YES	Description.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_airport_zone Relationships

Parent Entity	Child Entity	Type
com_airport_zone	com_airport_zone_detail	Identifying
com_airport_zone	com_airport_zone_detail	Identifying
com_airport_zone	com_airport_zone_p	Identifying
com_airport_zone	com_airport_zone_mapping	Non-Identifying

com_airport_zone_detail

This table contains tax calculation mode based on the source and destination zones.

com_airport_zone_detail Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	zone_id	VARCHAR (30)	NO	The source zone id (eg: DOMESTIC,EU,NON_EU).
X	destination_zone_id	VARCHAR (30)	NO	The source zone id (eg: DOMESTIC,EU,NON_EU).
	tax_calculation_mode	VARCHAR (30)	NO	The tax calculation mode(eg:TAX_NORMAL,PRICE_SPECIAL,TAX_FREE).
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_airport_zone_detail Relationships

Parent Entity	Child Entity	Type
com_airport_zone	com_airport_zone_detail	Identifying
com_airport_zone	com_airport_zone_detail	Identifying
com_airport_zone_detail	com_airport_zone_detail_p	Identifying

[com_airport_zone_detail_p](#)

Contains property code and value information for table COM_AIRPORT_ZONE_DETAIL.

com_airport_zone_detail_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	zone_id	VARCHAR (30)	NO	The source zone id (eg: DOMESTIC,EU,NON_EU).
X	destination_zone_id	VARCHAR (30)	NO	The source zone id (eg: DOMESTIC,EU,NON_EU).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_AIRPORT_ZONE_DETAIL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_airport_zone_detail_p Relationships

Parent Entity	Child Entity	Type
com_airport_zone_detail	com_airport_zone_detail_p	Identifying

com_airport_zone_p

Contains property code and value information for table COM_AIRPORT_ZONE.

com_airport_zone_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	zone_id	VARCHAR (30)	NO	The source zone id (eg: DOMESTIC,EU,NON_EU).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_AIRPORT_ZONE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_airport_zone_p Relationships

Parent Entity	Child Entity	Type
com_airport_zone	com_airport_zone_p	Identifying

com_button_grid

Used to configure the Function- and Item-Grid for the screen of the XfG client.

com_button_grid Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	level_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
X	level_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the org_code will be STORE and the org_value will be 123).
X	grid_id	VARCHAR (50)	NO	Name/Id of grid component.
X	row_id	INTEGER	NO	Row in grid.
X	column_id	INTEGER	NO	Column in grid.
X	component_id	VARCHAR (50)	NO	Name of the GUI_component.
	sort_order	NUMBER(10)	NO	The value for the sort.
	child_id	VARCHAR (50)	YES	Child_id.
	key_name	VARCHAR (50)	YES	References XfG Client key definition (KEY_ENTER, ...).
	data	VARCHAR (100)	YES	Data, which is related to the button function.
	text	VARCHAR (255)	YES	Label of the button (translation key).
	text_x	INTEGER	YES	x position of label. In addition to alignment.
	text_y	INTEGER	YES	y position of label. In addition to alignment.
	image_filename	VARCHAR (512)	YES	Filename of the medium (picture) which has to be shown for the specified button.
	image_x	INTEGER	YES	x position of the medium for horizontal alignment.
	image_y	INTEGER	YES	y position of the medium for vertical alignment.
	visibility_rule	VARCHAR (255)	YES	Name of a function, which determines the visibility of this button. Based on permission, privileges, etc.
	height_span	INTEGER	YES	Factor of button size height.
	width_span	INTEGER	YES	Factor of button size width.
	background_rgb	VARCHAR (7)	YES	Rgb values of background in HTML color code format(e.g. #FFFFFF).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	foreground_rgb	VARCHAR (7)	YES	Rgb values of foreground in HTML color code format(e.g. #FFFFFF).
	button_style	VARCHAR (50)	YES	Style type of specific button.
	action_idx	NUMBER(10)	YES	Action index for the button.
	animation_idx	NUMBER(10)	YES	Animation index for the button.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_button_grid Relationships

Parent Entity	Child Entity	Type
com_button_grid	com_button_grid_p	Identifying

com_button_grid_p

Contains property code and value information for table COM_BUTTON_GRID.

com_button_grid_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	level_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
X	level_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the org_code will be STORE and the org_value will be 123).
X	grid_id	VARCHAR (50)	NO	Name/Id of grid component.
X	row_id	INTEGER	NO	Row in grid.
X	column_id	INTEGER	NO	Column in grid.
X	component_id	VARCHAR (50)	NO	Name of the GUI_component.
X	sort_order	NUMBER(10)	NO	Determines the order in which a list is sorted.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table COM_BUTTON_GRID(key/value pair).
	Type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(30)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

com_button_grid_p Relationships

Parent Entity	Child Entity	Type
com_button_grid	com_button_grid_p	Identifying

com_code_value

Maintains the user-selection code information.

com_code_value Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	category	VARCHAR (30)	NO	The category identifier, grouping multiple codes. For example, CUSTOMER_LEGAL_STATUS.
X	code	VARCHAR (60)	NO	The code identifier for a category. For example, codes NORMAL and TAX_EXEMPT may be associated with the CUSTOMER_LEGAL_STATUS category.
	description	VARCHAR (254)	YES	A text description for the code.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	hidden_flag	BIT	YES	Determines whether or not this code is displayed to the user. If False or NULL, the code will be displayed. If True, the code will not be displayed.
	rank	INTEGER	YES	Rank/priority for the customer groups
	image_url	VARCHAR (254)	YES	The icon url.
	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_code_value Relationships

Parent Entity	Child Entity	Type
com_code_value	com_code_value_p	Identifying

com_code_value_p

Contains property code and value information for table COM_CODE_VALUE.

com_code_value_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	category	VARCHAR (30)	NO	The category identifier, grouping multiple codes. For example, CUSTOMER_LEGAL_STATUS.
X	code	VARCHAR (60)	NO	The code identifier for a category. For example, codes NORMAL and TAX_EXEMPT may be associated with the CUSTOMER_LEGAL_STATUS category.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_CODE_VALUE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_code_value_p Relationships

Parent Entity	Child Entity	Type
com_code_value	com_code_value_p	Identifying

com_country_return_map

Contains country map for cross-border returns.

com_country_return_map Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	purchased_from	VARCHAR (2)	NO	Country where purchase is made.
X	return_to	VARCHAR (2)	NO	Country where return is made.
	disallow_cross_border_flag	BIT	YES	If true, purchases from the purchase_from country cannot be return to the return_to country.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_country_return_map Relationships

Parent Entity	Child Entity	Type
com_country_return_map	com_country_return_map_p	Identifying

com_country_return_map_p

Contains property code and value information for table COM_COUNTRY_RETURN_MAP.

com_country_return_map_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	purchased_from	VARCHAR (2)	NO	Country where purchase is made.
X	return_to	VARCHAR (2)	NO	Country where return is made.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_COUNTRY_RETURN_MAP (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_country_return_map_p Relationships

Parent Entity	Child Entity	Type
com_country_return_map	com_country_return_map_p	Identifying

com_external_system_map

Used to map external system_cd to Xstore's organization_id.

com_external_system_map Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	system_map_id	INTEGER	NO	The unique mapping identifier.
	system_cd	VARCHAR (10)	NO	The external system code.
	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_flight_info

This table stores Flight search information. The data inserted through Dataloader or Override is stored in this table.

com_flight_info Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	scheduled_date_time	DATETIME	NO	Flight scheduled date and time.
X	origin_airport	VARCHAR(30)	NO	This allows to manage the flights starting from airport different than the current one.
X	flight_number	VARCHAR (30)	NO	Unique code assigned to each flight.
	destination_airport	VARCHAR (30)	NO	Three digit code of the passenger's destination airport (eg: CLE), according to the boarding pass.
	via_1_airport	VARCHAR (30)	YES	Intermediate airport code.
	via_2_airport	VARCHAR (30)	YES	Intermediate airport code.
	via_3_airport	VARCHAR (30)	YES	Intermediate airport code.
	final_flight_eu_code	VARCHAR (30)	YES	Flight eu code.
	expiration_date	DATETIME	YES	Valid date of the flight.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_flight_info Relationships

Parent Entity	Child Entity	Type
com_flight_info	com_flight_info_p	Identifying

com_flight_info_p

Contains property code and value information for table COM_FLIGHT_INFO.

com_flight_info_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	scheduled_date_time	DATETIME	NO	Flight scheduled date and time.
X	origin_airport	VARCHAR(3)	NO	This allows to manage the flights starting from airport different than the current one.
X	flight_number	VARCHAR (30)	NO	Unique code assigned to each flight.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_FLIGHT_INFO (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_flight_info_p Relationships

Parent Entity	Child Entity	Type
com_flight_info	com_flight_info_p	Identifying

com_reason_code

Contains reason code information.

com_reason_code Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	reason_tpcode	VARCHAR (30)	NO	A code for the type of reason (CHANGE_FLOAT, PAIDIN, PAIDOUT, etc.).
X	reason_code	VARCHAR (30)	NO	The code for the reason returned in the POS Log.
	description	VARCHAR (254)	YES	The text description for the reason code to be displayed in the reason list.
	parent_code	VARCHAR (30)	YES	The parent reason code (hierarchy level) upon which a nested reason code is based.
	gl_acct_nbr	VARCHAR (254)	YES	The reference account number for the store financial ledger account.
	minimum_amt	NUMERIC (17,6)	YES	The minimum monetary amount allowed for this reason code.
	maximum_amt	NUMERIC (17,6)	YES	The maximum monetary amount allowed for this reason code.
	comment_req	VARCHAR (10)	YES	Valid values: PROMPT (allows for prompting without requiring a comment to be entered), and REQUIRED.
	cust_msg	VARCHAR (254)	YES	The display message to be associated with a reason code. For example, a message displayed for a specific return reason.
	inv_action_code	VARCHAR (30)	YES	The inventory action to be taken based on the reason code.
	location_id	VARCHAR (60)	YES	For return reason codes, this is the inventory location to which the item will be returned.
	bucket_id	VARCHAR (60)	YES	For return reason codes, this is the inventory bucket within the location to which the item will be returned.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	hidden_flag	BIT	YES	Determines whether or not this code is displayed to the user. False or NULL = the code will be displayed. True = the code will not be displayed.
	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_reason_code Relationships

Parent Entity	Child Entity	Type
com_reason_code	com_reason_code_p	Identifying

com_reason_code_p

Contains property code and value information for table COM_REASON_CODE.

com_reason_code_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	reason_typcode	VARCHAR (30)	NO	A code for the type of reason (CHANGE_FLOAT, PAIDIN, PAIDOUT, etc.).
X	reason_code	VARCHAR (30)	NO	The code for the reason returned in the POS Log.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_REASON_CODE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_reason_code_p Relationships

Parent Entity	Child Entity	Type
com_reason_code	com_reason_code_p	Identifying

com_receipt_text

Stores the customer-specific receipt data for receipt information saved to the database. Allows for additional text to be included in pre-defined areas on receipts based on the current store location and date.

com_receipt_text Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	text_code	VARCHAR (30)	NO	The primary part of the key pair used to reference text to be included on the receipt. For example, for a private label tender type, a code may be PLAN_DISCLOSURE.
X	text_subcode	VARCHAR (30)	NO	The secondary part of the key pair used to reference text to be included on the receipt. This customer-specific sub-code is related to the text code; derived from a method. For example, for the text code PLAN_DISCLOSURE, the subcode may be PLAN_NUMBER.
X	text_seq	INTEGER	NO	Sequence number within the table to keep the text record ordered and unique and to manage any overrides.
X	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
	receipt_text	VARCHAR (MAX)	NO	The text that is printed on the receipt.
	effective_date	DATETIME	YES	The date the receipt text is ready for use.
	expiration_date	DATETIME	YES	The date and time the receipt text is no longer used.
	reformat_flag	BIT	YES	If false, the text will be formatted on the receipt exactly as found in receipt_text. If true, (default), the carriage returns, white space, etc. will be trimmed/reformatted before printing. default="1"
	line_format	VARCHAR (254)	YES	Allows for formatting a single line rather than the entire text block. Valid values include BOLD, UNDERLINE, REVERSE, ITALIC, DOUBLE_HIGH, DOUBLE_WIDE, CENTERED, RIGHT, and LEFT.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_receipt_text Relationships

Parent Entity	Child Entity	Type
com_receipt_text	com_receipt_text_p	Identifying

com_receipt_text_p

Contains property code and value information for table COM_RECEIPT_TEXT.

com_receipt_text_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	text_code	VARCHAR (30)	NO	The primary part of the key pair used to reference text to be included on the receipt. For example, for a private label tender type, a code may be PLAN_DISCLOSURE.
X	text_subcode	VARCHAR (30)	NO	The secondary part of the key pair used to reference text to be included on the receipt. This customer-specific sub-code is related to the text code; derived from a method. For example, for the text code PLAN_DISCLOSURE, the subcode may be PLAN_NUMBER.
X	text_seq	INTEGER	NO	Sequence number within the table to keep the text record ordered and unique and to manage any overrides.
X	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_RECEIPT_TEXT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_receipt_text_p Relationships

Parent Entity	Child Entity	Type
com_receipt_text	com_receipt_text_p	Identifying

com_report_data

Stores the report data for reports saved to the database.

com_report_data Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	owner_type_enum	VARCHAR (30)	NO	A code for the type of report owner. For example, EMPLOYEE.
X	owner_id	VARCHAR (60)	NO	The unique identifier for the person who is responsible for the specific report.
X	report_id	VARCHAR (60)	NO	A unique identifier for the report.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123)
	report_data	IMAGE	YES	The report data.
	delete_flag	BIT	YES	When true, marks this record for deletion.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_report_data Relationships

Parent Entity	Child Entity	Type
com_report_data	com_report_data_p	Identifying

com_report_data_p

Contains property code and value information for table COM_REPORT_DATA.

com_report_data_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	owner_type_enum	VARCHAR (30)	NO	A code for the type of report owner. For example, EMPLOYEE.
X	owner_id	VARCHAR (60)	NO	The unique identifier for the person who is responsible for the specific report.
X	report_id	VARCHAR (60)	NO	A unique identifier for the report.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_REPORT_DATA (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_report_data_p Relationships

Parent Entity	Child Entity	Type
com_report_data	com_report_data_p	Identifying

com_report_lookup

Contains header record information for saved reports.

com_report_lookup Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	owner_type_enum	VARCHAR (30)	NO	A code for the type of report owner. For example, EMPLOYEE.
X	owner_id	VARCHAR (60)	NO	The unique identifier for the person who is responsible for the specific report.
X	report_id	VARCHAR (60)	NO	A unique identifier for the report.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123)
	report_url	VARCHAR (254)	YES	The file location of the report.
	description	VARCHAR (254)	YES	A text description for the report type.
	record_type_enum	VARCHAR (30)	YES	A code for the type of record. For example, JasperPrint, ReportCriteria.
	record_creation_date	DATETIME	YES	The date and time the record was created.
	record_level_enum	VARCHAR (30)	YES	The level of this record in the self-relating hierarchy. This code may mark a record as a parent, child, stand alone, etc. For example, DRILLDOWN, TOP_LEVEL.
	parent_report_id	VARCHAR (60)	YES	The report id of the parent record. All primary key values of the parent record (excepting report_id) may be assumed to be identical to the current record.
	delete_flag	BIT	NO	When true, marks the record for deletion.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

com_report_lookup Relationships

Parent Entity	Child Entity	Type
com_report_lookup	com_report_lookup_p	Identifying

com_report_lookup_p

Contains property code and value information for table COM_REPORT_LOOKUP.

com_report_lookup_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	owner_type_enum	VARCHAR (30)	NO	A code for the type of report owner. For example, EMPLOYEE.
X	owner_id	VARCHAR (60)	NO	The unique identifier for the person who is responsible for the specific report.
X	report_id	VARCHAR (60)	NO	A unique identifier for the report.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_REPORT_LOOKUP (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_report_lookup_p Relationships

Parent Entity	Child Entity	Type
com_report_lookup	com_report_lookup_p	Identifying

com_sequence

Header information defining composition of sequences generated by Xservices

com_sequence Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	Unique identifier for the organization.
X	rtl_loc_id	INTEGER	NO	Retail location Id information for the sequence
X	wkstn_id	BIGINT	NO	Workstation Id information for the sequence.
X	sequence_id	VARCHAR (255)	NO	Unique identifier for the sequence.
X	sequence_mode	VARCHAR (30)	NO	Sequence mode.
	sequence_nbr	BIGINT	YES	Current sequence value
	create_date	DATETIME	YES	Date the table row was created.
	create_user_id	VARCHAR (30)	YES	User responsible for creating the table row.
	update_date	DATETIME	YES	Date the table row was most recently updated.
	update_user_id	VARCHAR (30)	YES	User responsible for updating the table row.
	record_state	VARCHAR (30)	YES	The record status.

com_sequence Relationships

Parent Entity	Child Entity	Type
com_sequence_part	com_sequence	Identifying
loc_wkstn	com_sequence	Identifying
com_sequence	com_sequence_p	Identifying

com_sequence_p

Contains property code and value information for table COM_SEQUENCE.

com_sequence_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	Unique identifier for the organization.
X	rtl_loc_id	INTEGER	NO	Retail location Id information for the sequence
X	wkstn_id	BIGINT	NO	Workstation Id information for the sequence.
X	sequence_id	VARCHAR (255)	NO	Unique identifier for the sequence.
X	sequence_mode	VARCHAR (30)	NO	Sequence mode.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_SEQUENCE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_sequence_p Relationships

Parent Entity	Child Entity	Type
com_sequence	com_sequence_p	Identifying

com_sequence_part

Parameters defining composition of individual components comprising Xservices-generated sequences

com_sequence_part Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	Unique identifier for the organization.
X	sequence_id	VARCHAR (255)	NO	Unique identifier for the sequence.
	prefix	VARCHAR (30)	YES	If not using a numeric sequence, then this value is prepended to the sequence value.
	suffix	VARCHAR (30)	YES	If not using a numeric sequence, then this value is appended to the sequence value.
	encode_flag	BIT	YES	Flags whether the sequence value is encoded
	check_digit_algo	VARCHAR (30)	YES	Checksum algorithm to use if adding a checksum digit to sequence value (MOD10, XSTORE). If null or blank, no checksum digit is added.
	numeric_flag	BIT	YES	Flags whether sequence value is numeric.
	pad_length	INTEGER	YES	Number of characters to pad sequence value with.
	pad_character	VARCHAR (2)	YES	Character to use for padding.
	initial_value	INTEGER	YES	Initial sequence value.
	max_value	INTEGER	YES	Maximum sequence value.
	value_increment	INTEGER	YES	Value to increment sequence value by each time sequence is used.
	include_store_id	BIT	YES	Whether or not to include store id as part of the sequence value.
	store_pad_length	INTEGER	YES	How many characters to pad store id before adding it to sequence value.
	include_wkstn_id	BIT	YES	Whether or not to add workstation id as part of sequence value.
	wkstn_pad_length	INTEGER	YES	How many characters to pad workstation id before adding it to sequence value.
	create_date	DATETIME	YES	Date the table row was created.
	create_user_id	VARCHAR (30)	YES	User responsible for creating the table row.
	update_date	DATETIME	YES	Date the table row was most recently updated.
	update_user_id	VARCHAR (30)	YES	User responsible for updating the table row.
	record_state	VARCHAR (30)	YES	The record status.

com_sequence_part Relationships

Parent Entity	Child Entity	Type
com_sequence_part	com_sequence	Identifying
com_sequence_part	com_sequence_part_p	Identifying

com_sequence_part_p

Contains property code and value information for table COM_SEQUENCE_PART.

com_sequence_part_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	Unique identifier for the organization.
X	sequence_id	VARCHAR (255)	NO	Unique identifier for the sequence.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_SEQUENCE_PART (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_sequence_part_p Relationships

Parent Entity	Child Entity	Type
com_sequence_part	com_sequence_part_p	Identifying

com_shipping_cost

Defines decimal ranges of values with an associated “cost” related to shipping. Ranges are segregated by category.

com_shipping_cost Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	begin_range	NUMERIC (11,2)	NO	The inclusive starting range. For example, a minimum weight.
X	end_range	NUMERIC (11,2)	NO	The inclusive ending range. For example, the maximum weight.
X	cost	NUMERIC (17,6)	NO	The cost associated with this range. This value will always be multiplied by the number of weighted units to which the cost is being applied.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer’s store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
X	category	VARCHAR (30)	NO	A label used to group this range of values with other ranges having the same category. For example by task, such as “SPECIAL_ORDER”, “SEND_SALE”; or, by shipping method, such as “DHL”, “UPS.”
	minimum_cost	NUMERIC (17,6)	YES	Optional; the minimum shipping cost associated with this row; can be used to override a computed value based on this row.
	maximum_cost	NUMERIC (17,6)	YES	Optional; the maximum shipping cost associated with this row; can be used to override a computed value based on this row.
	item_id	VARCHAR (60)	YES	The item_id to represent the shipping cost for this row.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_shipping_cost Relationships

Parent Entity	Child Entity	Type
itm_item	com_shipping_cost	Non-Identifying
com_shipping_cost	com_shipping_cost_p	Identifying

com_shipping_cost_p

Contains property code and value information for table COM_SHIPPING_COST.

com_shipping_cost_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	begin_range	NUMERIC (11,2)	NO	The inclusive starting range. For example, a minimum weight.
X	end_range	NUMERIC (11,2)	NO	The inclusive ending range. For example, the maximum weight.
X	cost	NUMERIC (17,6)	NO	The cost associated with this range. This value will always be multiplied by the number of weighted units to which the cost is being applied.
X	category	VARCHAR (30)	NO	A label used to group this range of values with other ranges having the same category. For example by task, such as "SPECIAL_ORDER", "SEND_SALE"; or, by shipping method, such as "DHL", "UPS."
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_SHIPPING_COST (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_shipping_cost_p Relationships

Parent Entity	Child Entity	Type
com_shipping_cost	com_shipping_cost_p	Identifying

com_shipping_fee

Defines the shipping fee types used by Special Orders, Send sales, Remote Sends, and Orders.

com_shipping_fee Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rule_name	VARCHAR (30)	NO	Unique name for this shipping fee record.
	org_code	VARCHAR (30)	NO	The code for the organizational hierarchy level where this record applies. Valid values include: STORE or CHAIN
	org_value	VARCHAR (60)	NO	The value for the organizational hierarchy where this record applies. For example: 101 (as in STORE 101)
	priority	INTEGER	YES	Defines the order in which a group of potential shipping fee records will be evaluated for applicability to the current transaction.
	ship_item_id	VARCHAR (60)	YES	The item id (itm_item.item_id) of the shipping fee item to use as the shipping fee line item for the account. Must match the item id of a NON PHYSICAL shipping fee item.
	aggregation_type	VARCHAR (30)	YES	The aggregation method to apply to the shipping fee calculation in the case of a per item calculation type. Since Xstore displays a single shipping fee line item, this value determines how the individual per item fees are totaled. Valid values include: TOTAL - add all the fees together and make that sum the shipping fee for the account, AVERAGE - take the average of all the fees and make that the shipping fee for the account, HIGHEST - take the highest shipping fee among all the individual item fees and make that the shipping fee for the account, LOWEST - take the lowest shipping fee among all the individual item fees and make that the shipping fee for the account (must map to a FeeAggregation\dtv:id defined in ShippingFeeConfig).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	rule_type	VARCHAR (30)	YES	A rule to evaluate as part of determining if the shipping fee record applies for the given transaction. Valid values include: SHIP_TO_STATE_RULE - checks to see if the ship to address state matches the parameter, SHIP_TO_ZIP_RULE - checks to see if the ship to address Zip code for the account matches the parameter, TRUE_RULE - Always evaluates to true: Same as a blank rule_type, FALSE_RULE - Always evaluates to false: Used for turning shipping fees and shipping fee tiers off (Note: Must map to a ShippingRule\dtv:id defined in ShippingFeeConfig).
	param1	VARCHAR (30)	YES	First parameter for the rule_type evaluation.
	param2	VARCHAR (30)	YES	Second parameter for the rule_type evaluation.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_shipping_fee Relationships

Parent Entity	Child Entity	Type
loc_pricing_hierarchy	com_shipping_fee	Identifying
loc_org_hierarchy	com_shipping_fee	Non-Identifying
com_shipping_fee	com_shipping_fee_p	Identifying

com_shipping_fee_p

Contains property code and value information for table COM_SHIPPING_FEE.

com_shipping_fee_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rule_name	VARCHAR (30)	NO	Unique name for this shipping fee record.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_SHIPPING_FEE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.
X	org_code	VARCHAR (30)	NO	The code for the organizational hierarchy level where this record applies. Valid values include: STORE or CHAIN
X	org_value	VARCHAR (60)	NO	The value for the organizational hierarchy where this record applies. For example: 101 (as in STORE 101)

com_shipping_fee_p Relationships

Parent Entity	Child Entity	Type
com_shipping_fee	com_shipping_fee_p	Identifying

com_shipping_fee_tier

Contains an ordered set of shipping rules with associated shipping costs.

com_shipping_fee_tier Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	The organization id for the Xstore organization of the shipping fee tier record.
X	rule_name	VARCHAR (30)	NO	Unique name for this shipping fee tier record.
X	parent_rule_name	VARCHAR (30)	NO	Rule name of com_shipping_fee record this tier record belongs to. Must match the rule_name of an existing com_shipping_fee record.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	priority	INTEGER	YES	Defines the order in which a group of potential shipping fee tier records will be evaluated for applicability to the current item or transaction.
	fee_type	VARCHAR (20)	YES	Specifies whether the shipping is a flat fee, a percentage of the item's/transaction's price, or based on the shipping fee line item's price. FEE - a flat shipping fee will be assigned to the account, the fee assigned is equal to the fee_value of the selected shipping fee tier record. FEE_PERCENT - a fee will be calculated based on a percentage of the shippable subtotal. The shippable subtotal is multiplied by fee_value. Normally, fee_value should have a value between 0 and 1. SHIP_ITEM_PRICE - the fee for the account will be equal to the price of the shipping fee item specified by the selected shipping fee record. Any value in fee_value is ignored.
	fee_value	DECIMAL (17,6)	YES	The value of the shipping flat fee or percentage. Ignored in the case of a fee type of SHIP_ITEM_PRICE.
	ship_method	VARCHAR (60)	YES	Filter based on the current item's selected shipping method. Ignored during a per transaction calculation.
	min_price	DECIMAL (17,6)	YES	Filter on the transaction's or current item's price. A price passes the filter if it is greater than or equal to the min_price. This column is inclusive.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	max_price	DECIMAL (17,6)	YES	Filter on the transaction's or current item's price. A price passes the filter if it is less than the max_price. This column is exclusive.
	item_id	VARCHAR (60)	YES	Filter based on the current item's item id. An item passes the filter if its item number matches item_id. Ignored during a per transaction calculation.
	rule_type	VARCHAR (30)	YES	A rule to evaluate as part of determining if the shipping fee tier record applies for the given transaction or item. Example: SHIP_TO_STATE_RULE - checks to see if the ship to address state matches the parameter. Must map to a ShippingRule\dtv:id defined in ShippingFeeConfig.
	param1	VARCHAR (30)	YES	First parameter for the rule_type evaluation.
	param2	VARCHAR (30)	YES	Second parameter for the rule_type evaluation.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_shipping_fee_tier Relationships

Parent Entity	Child Entity	Type
itm_item	com_shipping_fee_tier	Non-Identifying
com_shipping_fee_tier	com_shipping_fee_tier_p	Identifying

com_shipping_fee_tier_p

Contains property code and value information for table COM_SHIPPING_FEE_TIER.

com_shipping_fee_tier_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	The organization id for the Xstore organization of the shipping fee tier record.
X	rule_name	VARCHAR (30)	NO	Unique name for this shipping fee tier record.
X	parent_rule_name	VARCHAR (30)	NO	Rule name of com_shipping_fee record this tier record belongs to. Must match the rule_name of an existing com_shipping_fee record.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_SHIPPING_FEE_TIER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_shipping_fee_tier_p Relationships

Parent Entity	Child Entity	Type
com_shipping_fee_tier	com_shipping_fee_tier_p	Identifying

com_trans_prompt_properties

Contains the options to configure transaction prompting and to control these prompts within the location hierarchy.

com_trans_prompt_properties Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	trans_prompt_property_code	VARCHAR (30)	NO	Identifier of the property associated with the transaction prompt (key/value pair). For example, PHONE_NUMBER, POSTAL_CODE.
X	effective_date	DATETIME	NO	The date the prompt is ready for use.
	org_code	VARCHAR (30)	NO	Identifies the organization level within the organizational hierarchy tree. For example: REGION, DISTRICT.
	org_value	VARCHAR (60)	NO	Identifies the value for the organization level.
	expiration_date	DATETIME	YES	The date the prompt is no longer used.
	code_category	VARCHAR (30)	YES	The category identifier, grouping multiple codes.
	prompt_title_key	VARCHAR (60)	YES	Translation key for the prompt title.
	prompt_msg_key	VARCHAR (60)	YES	Translation key for the prompt message.
	required_flag	BIT	YES	If true, the information is required.
	sort_order	INTEGER	YES	Determines the order in which prompts will be displayed.
	prompt_mthd_code	VARCHAR (30)	YES	A code that signifies the prompting method. For example; MASK, PROMPT_KEY, LIST
	prompt_edit_pattern	VARCHAR (30)	YES	The mask pattern.
	validation_rule_key	VARCHAR (30)	YES	The key that points to the code necessary to provide data validation in validationRuleConfig.xml.
	transaction_state	VARCHAR (30)	YES	The transaction state. Valid values include: PRE_TENDER, POST_TENDER
	prompt_key	VARCHAR (30)	YES	Translation key of the message to be displayed.
	chain_key	VARCHAR (30)	YES	The chain to run as part of the prompt.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_trans_prompt_properties Relationships

Parent Entity	Child Entity	Type
loc_org_hierarchy	com_trans_prompt_properties	Non-Identifying
loc_pricing_hierarchy	com_trans_prompt_properties	Non-Identifying
com_trans_prompt_properties	com_trans_prompt_properties_p	Identifying

com_trans_prompt_properties_p

Contains property code and value information for table COM_TRANS_PROMPT_PROPERTIES.

com_trans_prompt_properties_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	NUMERIC (10,0)	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	trans_prompt_property_code	VARCHAR (30)	NO	Identifier of the property associated with the transaction prompt (key/value pair). For example, PHONE_NUMBER, POSTAL_CODE.
X	effective_date	DATETIME	NO	The date the prompt is ready for use.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_TRANS_PROMPT_PROPERTIES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_trans_prompt_properties_p Relationships

Parent Entity	Child Entity	Type
com_trans_prompt_properties	com_trans_prompt_properties_p	Identifying

com_translations

Contains locale/translation information for maintaining translation keys in the database.

com_translations Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	locale	VARCHAR (30)	NO	A combination of ISO-639-1 and ISO-3661-1 to denote the employee's language as spoken in a particular country.
X	translation_key	VARCHAR (150)	NO	The value to translate.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123)
	translation	VARCHAR (MAX)	YES	The translated (localized) text.
	external_system	VARCHAR (60)	YES	Records RPM change system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_translations Relationships

Parent Entity	Child Entity	Type
com_translations	com_translations_p	Identifying

com_translations_p

Contains property code and value information for table COM_TRANSLATIONS.

com_translations_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	locale	VARCHAR (30)	NO	A combination of ISO-639-1 and ISO-3661-1 to denote the employee's language as spoken in a particular country.
X	translation_key	VARCHAR (150)	NO	The value to translate.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table COM_TRANSLATIONS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

com_translations_p Relationships

Parent Entity	Child Entity	Type
com_translations	com_translations_p	Identifying

Domain: CPAF

Common Entities

cpaf_address_muni

Contains city code catalog based on a postal code range. This table is used to auto complete the city code when the postal code is entered. Also, if QAS is not active, the state and city name will be auto-completed.

cpaf_address_muni Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	municipality_id	INTEGER	NO	A unique identifier for the municipality, that holds the city code
X	Uf	VARCHAR(2)	NO	The state id
	Name	VARCHAR(72)	YES	The name of the city
	ibge_code	VARCHAR(7)	YES	This is the city code
	postal_code_start	VARCHAR(8)	YES	The first postal code inside the municipality
	postal_code_end	VARCHAR(8)	YES	The last postal code inside the municipality
	parent_municipality_id	INTEGER	YES	The parent municipality, this is a MUNICIPALITY_ID of this table
	loc_in_sit	VARCHAR(1)	YES	Always 0
	loc_in_tipo_loc	VARCHAR(1)	YES	Type of the municipality, this can be a municipality (M) or a district (D)
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR(30)	YES	The record status.

cpaf_address_muni relationship

Parent Entity	Child Entity	Type
cpaf_address_muni	cpaf_address_muni_p	Identifying

cpaf_address_muni_p

Contains property code and value information for table CPAF_ADDRESS_MUNI

cpaf_address_muni_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	municipality_id	INTEGER	NO	A unique identifier for the municipality, that holds the city code
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_ADDRESS_MUNI (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_address_muni_p relationships

Parent Entity	Child Entity	Type
cpaf_address_muni	cpaf_address_muni_p	Identifying

cpaf_card_network

Contains card network information. This network information is used when building the nfce/cfe xml fiscal documents. The values configured are also displayed to the user for selection when processing a manual/non-integrated credit or debit card payment.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	network_name	VARCHAR(254)	NO	Name of the network payment authorization provider.
	network_id	VARCHAR(30)	YES	Id of the network payment authorization provider. Included in CFe xml fiscal document.
	tax_id	VARCHAR(30)	YES	Tax ID (CNPJ) for the network payment authorization provider.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cpaf_card_network Relationships

Parent Entity	Child Entity	Type
cpaf_card_network	cpaf_card_network_p	Identifying

cpaf_card_network_p

Contains property code and value information for table CPAF_CARD_NETWORK.

cpaf_card_network_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
----	----------------------------	----------	-------	------------

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	network_name	VARCHAR(254)	NO	Name of the network payment authorization provider.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CPAF_CARD_NETWORK(key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cpaf_card_network_p Relationships

Parent Entity	Child Entity	Type
cpaf_card_network	cpaf_card_network_p	Identifying

cpaf_nfce_queue_tender

This table contains fiscal information about the tenders used during a sales transaction of type NFCe or CFe.

cpaf_nfce_queue_tender Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation.
X	sequence	INTEGER	NO	The sequence number of a nfe tender within the context of this nfe.
X	tndr_id	VARCHAR(60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
	fiscal_tender_id	VARCHAR(60)	NO	Storage for fiscal tender ID. This is the information used when generating the NFCe or CFe
	amount	NUMERIC(17,6)	YES	The amount of the tender line item.
	card_network_id	VARCHAR(30)	YES	Card network provider code according the Especificacao_SAT_v_ER_2_19_07.pdf - Anexo 3.
	card_tax_id	VARCHAR(30)	YES	CNPJ from the card network provider.
	card_auth_number	VARCHAR(254)	YES	authorization number prompted in case of manual auth or from the integrated payment solution.
	card_type	VARCHAR(254)	YES	card type from from the integrated payment solution.
	card_trace_number	VARCHAR(254)	YES	card receipt number.
	card_integration_mode	VARCHAR(30)	YES	"1" for TEF (integrated) or "2" for POS (manual).
	card_installments	INTEGER	YES	number of installments sets for the card.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
				zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfce_queue_tender relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue_item	cpaf_nfce_queue_tender	Identifying
cpaf_nfce_queue_tender	cpaf_nfce_queue_tender_p	Identifying

cpaf_nfce_queue_tender_p

Contains property code and value information for table CPAF_NFCE_QUEUE_TENDER.

cpaf_nfce_queue_tender_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation.
X	sequence	INTEGER	NO	The sequence number of a nfe tender within the context of this nfe.
X	tndr_id	VARCHAR(60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFCE_QUEUE_TENDER (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfce_queue_tender_p relationships

Parent Entity	Child Entity	Type
cpaf_nfce_queue_tender	cpaf_nfce_queue_tender_p	Identifying

cpaf_nfce_tender

This table contains fiscal information about the tenders used during a sales transaction of type NFCe or CFe.

cpaf_nfce_tender Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	nnf	INTEGER	NO	Nfe sequence number.
X	model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
X	sequence	INTEGER	NO	The sequence number of a nfe tender within the context of this nfe.
X	tndr_id	VARCHAR(60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
	fiscal_tender_id	VARCHAR(60)	NO	Storage for fiscal tender ID. This is the information used when generating the NFCe or CFe
	amount	NUMERIC(17,6)	YES	The amount of the tender line item.
	card_network_id	VARCHAR(30)	YES	Card network provider code according the Especificacao_SAT_v_ER_2_19_07.pdf - Anexo 3.
	card_tax_id	VARCHAR(30)	YES	CNPJ from the card network provider.
	card_auth_number	VARCHAR(254)	YES	authorization number prompted in case of manual auth or from the integrated payment solution.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	card_type	VARCHAR(254)	YES	card type from from the integrated payment solution.
	card_trace_number	VARCHAR(254)	YES	card receipt number.
	card_integration_mode	VARCHAR(30)	YES	"1" for TEF (integrated) or "2" for POS (manual).
	card_installments	INTEGER	YES	number of installments sets for the card.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfce_tender Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_item	cpaf_nfce_tender	Identifying
cpaf_nfce_tender	cpaf_nfce_tender_p	Identifying

cpaf_nfce_tender_p

Contains property code and value information for table CPAF_NFCE_TENDER.

cpaf_nfce_tender_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	nnf	INTEGER	NO	Nfe sequence number.
X	model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
X	sequence	INTEGER	NO	The sequence number of a nfe tender within the context of this nfe.
X	tndr_id	VARCHAR(60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFCE_TENDER (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfce_tender_p Relationships

Parent Entity	Child Entity	Type
cpaf_nfce_tender	cpaf_nfce_tender_p	Identifying

cpaf_nfe

This table contains fiscal information about the Nota fiscal.

cpaf_nfe Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	Nnf	INTEGER	NO	Nfe sequence number.
X	Model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
	Cuf	INTEGER	YES	NF's state code (from IBGE code, field number 6).
	Cnf	INTEGER	YES	NF's cNF code (field number 7).
	trans_typcode	VARCHAR(30)	YES	NF's xstore transaction code.
	Natop	VARCHAR(60)	YES	NF's operation description (natOp, field number 8).
	Indpag	INTEGER	YES	NF's payment type (field number 9).
	issue_date	DATETIME	YES	NF's issue date and time (field 13).
	sai_ent_datetime	DATETIME	YES	NF's exit date and time (field number 14).
	cmun_fg	VARCHAR(7)	YES	NF's city code (cMunFg, field number 16).
	tp_imp	INTEGER	YES	NF's print type (tplImp, field number 25).
	tp_emis	INTEGER	YES	NF's issue type (tpEmis, field number 26).
	fin_nfe	INTEGER	YES	NF's finNFe (field number 29).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	proc_emi	INTEGER	YES	NF's procEmi (field number 29a).
	ver_proc	VARCHAR(20)	YES	NF's processor version (field number 29b).
	cont_datetime	DATETIME	YES	NF's contingency date and time (field number 29c).
	cont_xjust	VARCHAR(255)	YES	NF's reason description (field number 29d).
	product_amount	NUMERIC(17,6)	YES	NF's items total amount (field number 326).
	icms_basis	NUMERIC(17,6)	YES	NF's ICMS base amount (field number 328).
	icms_amount	NUMERIC(17,6)	YES	NF's ICMS amount (field number 329).
	icms_st_basis	NUMERIC(17,6)	YES	NF's ICMS ST base amount (field number 330).
	icms_st_amount	NUMERIC(17,6)	YES	NF's ICMS ST amount (field number 331).
	ii_amount	NUMERIC(17,6)	YES	NF's II amount (field number 336).
	pis_amount	NUMERIC(17,6)	YES	NF's PIS amount (field number 338).
	cofins_amount	NUMERIC(17,6)	YES	NF's COFINS amount (field number 339).
	discount_amount	NUMERIC(17,6)	YES	NF's discount amount (field number 335).
	freight_amount	NUMERIC(17,6)	YES	NF's freight amount (field number 333).
	insurance_amount	NUMERIC(17,6)	YES	NF's insurance amount (field number 334).
	other_amount	NUMERIC(17,6)	YES	NF's other amount (field number 340).
	total_amount	NUMERIC(17,6)	YES	NF's total amount (field number 341).
	inf_cpl	NCLOB	YES	NF's additional information (field number 401)
	Protocol	VARCHAR(30)	YES	NF's protocol number.
	canc_protocolo	VARCHAR(30)	YES	NF's cancellation protocol number.
	chave_nfe	VARCHAR(88)	YES	NF's key.
	old_chave_nfe	VARCHAR(88)	YES	NF's old key (in case approved in contingency and finally approved).
	Recibo	VARCHAR(30)	YES	NF's string receive date.
	stat_code	VARCHAR(30)	YES	NF's status code.
	Xml	NCLOB	YES	NF's xml.
	dig_val	VARCHAR(30)	YES	NF's digest value.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cpaf_nfe Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_dest	cpaf_nfe	Identifying
cpaf_nfe	cpaf_nfe_dest	Non identifying
cpaf_nfe	cpaf_nfe_issuer	Identifying
cpaf_nfe	cpaf_nfe_item	Identifying
cpaf_nfe	cpaf_nfe_queue	Non Identifying
Cpaf_nfe	cpaf_nfe_trans	Identifying

cpaf_nfe_p

Contains property code and value information for table CPAF_NFE.

cpaf_nfe_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	nnf	INTEGER	NO	Nfe sequence number.
X	model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CPAF_NFE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cpaf_nfe_p Relationships

Parent Entity	Child Entity	Type
cpaf_nfe	cpaf_nfe_p	Identifying
cpaf_nfe_dest_p	cpaf_nfe_p	Identifying

cpaf_nfe_dest

This table contains fiscal information about the destination of the Nota fiscal.

cpaf_nfe_dest Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
	Nnf	INTEGER	NO	Nfe sequence number.
	Model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
	Name	VARCHAR(60)	YES	The destination's name this is the concatenation of the first and last name
	federal_tax_id	VARCHAR(20)	YES	The destination's cnpj/cpf/idEstrangeiro.
	state_tax_id	VARCHAR(20)	YES	The destination's ie (inscription estadual).
	street_name	VARCHAR(60)	YES	The destination's street name (Logradouro, field number 67).
	street_num	VARCHAR(60)	YES	The destination's street number (Numero, field number 68).
	Complement	VARCHAR(60)	YES	The destination's address additional information such as apartment (Complemento, field number 69)
	Neighborhood	VARCHAR(60)	YES	The destination's neighborhood (Bairro, field number 70)
	city_code	VARCHAR(7)	YES	The destination's city code (Codigo do municipio, field number 71)
	City	VARCHAR(60)	YES	The destination's city name (field number 72)
	State	VARCHAR(2)	YES	The destination's state (field 73)
	postal_code	VARCHAR(8)	YES	The destination's postal code (CEP, field 73)

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	country_code	VARCHAR(4)	YES	The destination's country code (from BACEN table, field number 74)
	country_name	VARCHAR(60)	YES	The destination's country name (field number 75)
	Telephone	VARCHAR(14)	YES	The destination's phone (field number 76)
	Email	VARCHAR(60)	YES	The destination's email address (field number 79a)
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_dest Relationships

Parent Entity	Child Entity	Type
cpaf_nfe	cpaf_nfe_dest	Non Identifying
Cpaf_nfe_dest	cpaf_nfe	Non Identifying

cpaf_nfe_dest_p

Contains property code and value information for table CPAF_NFE_DEST.

cpaf_nfe_dest_p attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	nnf	INTEGER	NO	Nfe sequence number.
X	model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_DEST(key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_dest_p Relationships

Parent Entity	Child Entity	Type
---------------	--------------	------

cpaf_nfe_issuer_p	cpaf_nfe_dest_p	Identifying
Cpaf_nfe_dest_p	cpaf_nfe_issuer_p	Identifying
cpaf_nfe_dest_p	cpaf_nfe_item_p	Identifying
cpaf_nfe_dest_p	cpaf_nfe_item	Identifying

cpaf_nfe_issuer

This table contains fiscal information about the destination of the Nota fiscal.

cpaf_nfe_issuer Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	nnf	INTEGER	NO	Nfe sequence number.
X	model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
	name	VARCHAR(60)	YES	The issuer's name this is generally the organization name (field number 32)
	fantasy_name	VARCHAR(60)	YES	The issuer's fantasy name (field number 33)
	federal_tax_id	VARCHAR(20)	YES	The destination's cnpj/cpf/idEstrangeiro.
	state_tax_id	VARCHAR(20)	YES	The destination's ie (inscrição estadual).
	city_tax_id	VARCHAR(20)	YES	The issuer's im (Inscrição Municipal, used for services items and CFEs, field number 48).
	crt	VARCHAR(1)	YES	The issuer's crt (Código de Regime Tributário, field number 49a).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	street_name	VARCHAR(60)	YES	The destination's street name (Logradouro, field number 67).
	street_num	VARCHAR(60)	YES	The destination's street number (Numero, field number 68).
	complemento	VARCHAR(60)	YES	The destination's address additional information such as apartment (Complemento, field number 69)
	neighborhood	VARCHAR(60)	YES	The destination's neighborhood (Bairro, field number 70)
	city_code	VARCHAR(7)	YES	The destination's city code (Codigo do municipio, field number 71)
	city	VARCHAR(60)	YES	The destination's city name (field number 72)
	state	VARCHAR(2)	YES	The destination's state (field 73)
	postal_code	VARCHAR(8)	YES	The destination's postal code (CEP, field 73)
	country_code	VARCHAR(4)	YES	The destination's country code (from BACEN table, field number 74)
	country_name	VARCHAR(60)	YES	The destination's country name (field number 75)
	telephone	VARCHAR(14)	YES	The destination's phone (field number 76)
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_issuer relationships

Parent Entity	Child Entity	Type
cpaf_nfe	cpaf_nfe_issuer	Identifying

cpaf_nfe_issuer_p

Contains property code and value information for table CPAF_NFE_ISSUER.

cpaf_nfe_issuer_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	nnf	INTEGER	NO	Nfe sequence number.
X	model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_ISSUER (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_issuer_p Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_issuer	cpaf_nfe_issuer_p	Identifying
cpaf_nfe_dest_p	cpaf_nfe_issuer_p	Non Identifying
Cpaf_nfe_issuer_p	Cpaf_nfe_dest_p	Non Identifying

cpaf_nfe_item

This table contains item's fiscal information about the Nota fiscal.

cpaf_nfe_item Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	Nnf	INTEGER	NO	Nfe sequence number.
X	Model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
X	Sequence	INTEGER	NO	NF's item sequence number.
	item_id	VARCHAR(60)	YES	NF's item id (field number 101)
	item_description	VARCHAR(254)	YES	NF's item description (field number 103)
	Ean	VARCHAR(14)	YES	NF's item EAN (field number 102).
	Ncm	VARCHAR(8)	YES	NF's item NCM (field number 104).
	Cest	VARCHAR(18)	YES	NF's item CEST.
	ex_tipi	VARCHAR(3)	YES	NF's item EX_TIPi (field number 105)
	Quantity	NUMERIC(11,4)	YES	NF's item quantity (field number 109).
	unit_of_measure_code	VARCHAR(30)	YES	NF's item unit of measure (field number 108).
	taxable_ean	VARCHAR(14)	YES	NF's item taxable EAN (field number 111).
	taxable_unit_of_measure_code	VARCHAR(30)	YES	NF's item unit of measure code (field number 112).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	lat	VARCHAR(1)	YES	NF's item IAT.
	lppt	VARCHAR(1)	YES	NF's item IPPT.
	unit_price	NUMERIC(17,6)	YES	NF's item unit price.
	extended_amount	NUMERIC(17,6)	YES	NF's item extended amount
	taxable_quantity	NUMERIC(11,4)	YES	NF's reason description (field number 29d).
	unit_taxable_amount	NUMERIC(17,6)	YES	NF's items total amount (field number 326).
	freight_amount	NUMERIC(17,6)	YES	NF's item freight amount (field number 114).
	insurance_amount	NUMERIC(17,6)	YES	NF's item insurance amount (field number 115).
	discount_amount	NUMERIC(17,6)	YES	NF's item discount amount (field number 116).
	other_amount	NUMERIC(17,6)	YES	NF's item other amount (field number 116).
	Cfop	VARCHAR(4)	YES	NF's item CFOP (field number 107).
	inf_ad_prod	VARCHAR(500)	YES	NF's item additional information.
	icms_cst	VARCHAR(3)	YES	NF's item ICMS CST.
	icms_basis	NUMERIC(17,6)	YES	NF's item ICMS base amount.
	icms_amount	NUMERIC(17,6)	YES	NF's item ICMS amount.
	icms_rate	NUMERIC(5,2)	YES	NF's item ICMS rate.
	icms_st_basis	NUMERIC(17,6)	YES	NF's ICMS ST base amount.
	icms_st_amount	NUMERIC(17,6)	YES	NF's ICMS ST amount.
	icms_st_rate	NUMERIC(5,2)	YES	NF's item ICMS ST rate.
	ipi_amount	NUMERIC(17,6)	YES	NF's item IPI amount.
	ipi_rate	NUMERIC(5,2)	YES	NF's item IPI rate.
	ii_amount	NUMERIC(17,6)	YES	NF's item II amount.
	pis_basis	NUMERIC(17,6)	YES	NF's item PIS base amount.
	pis_amount	NUMERIC(17,6)	YES	NF's item PIS amount.
	pis_rate	NUMERIC(5,2)	YES	NF's item PIS rate.
	cofins_basis	NUMERIC(17,6)	YES	NF's item COFINS base amount.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	cofins_amount	NUMERIC(17,6)	YES	NF's item COFINS amount.
	cofins_rate	NUMERIC(17,6)	YES	NF's item COFINS rate.
	tax_situation_code	VARCHAR(6)	YES	NF's item taxsituation code.
	tax_group_id	VARCHAR(120)	YES	NF's item tax group id.
	log_sequence	INTEGER	YES	NF's item log sequence.
	ref_nfe	VARCHAR(88)	YES	NF's item original key (only for returns).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cpaf_nfe_item Relationships

Parent Entity	Child Entity	Type
cpaf_nfe	cpaf_nfe_item	Identifying

cpaf_nfe_item_p

Contains property code and value information for table CPAF_NFE_ITEM.

cpaf_nfe_item_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	Nnf	INTEGER	NO	Nfe sequence number.
X	Model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
X	Sequence	INTEGER	NO	NF's item sequence number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CPAF_NFE_ITEM(key/value pair).
	Type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cpaf_nfe_item Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_item	cpaf_nfe_item_p	Identifying
cpaf_nfe_dest_p	cpaf_nfe_item_p	Non Identifying

craf_nfe_queue

This is a staging table used internally by the XStore. Once the fiscal document reaches a final status the information is stored in the corresponding "CPAF_NFE" tables.

craf_nfe_queue Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation.
	environment_id	INTEGER	YES	Authorization environment id: 1 for Production and 2 for Homologation
	tp_nf	INTEGER	YES	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
	series_id	INTEGER	YES	Nfe Series id (Sequence type). Nfe sequence number.
	nnf	INTEGER	YES	Nfe sequence number.
	cuf	INTEGER	YES	NF's state code (from IBGE code, field number 6).
	cnf	INTEGER	YES	NF's cNF code (field number 7).
	usage_type	VARCHAR(30)	YES	NF's xstore usage type code.
	trans_typcode	VARCHAR(30)	YES	NF's xstore transaction code.
	natop	VARCHAR(60)	YES	NF's operation description (natOp, field number 8).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	indpag	INTEGER	YES	NF's payment type (field number 9).
	model	VARCHAR(2)	YES	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
	issue_date	DATETIME	YES	NF's issue date and time (field 13).
	sai_ent_datetime	DATETIME	YES	NF's exit date and time (field number 14).
	cmun_fg	VARCHAR(7)	YES	NF's city code (cMunFg, field number 16).
	tp_imp	INTEGER	YES	NF's print type (tpImp, field number 25).
	tp_emis	INTEGER	YES	NF's issue type (tpEmis, field number 26).
	fin_nfe	INTEGER	YES	NF's finNFe (field number 29).
	proc_emi	INTEGER	YES	NF's procEmi (field number 29a).
	ver_proc	VARCHAR(20)	YES	NF's processor version (field number 29b).
	cont_datetime	DATETIME	YES	NF's contingency date and time (field number 29c).
	cont_xjust	VARCHAR(255)	YES	NF's reason description (field number 29d).
	product_amount	NUMERIC(17,6)	YES	NF's items total amount (field number 326).
	icms_basis	NUMERIC(17,6)	YES	NF's item ICMS base amount.
	icms_amount	NUMERIC(17,6)	YES	NF's item ICMS amount.
	icms_st_basis	NUMERIC(17,6)	YES	NF's ICMS ST base amount.
	icms_st_amount	NUMERIC(17,6)	YES	NF's ICMS ST amount.
	ii_amount	NUMERIC(17,6)	YES	NF's II amount (field number 336).
	pis_amount	NUMERIC(17,6)	YES	NF's PIS amount (field number 338).
	cofins_amount	NUMERIC(17,6)	YES	NF's COFINS amount (field number 339).
	discount_amount	NUMERIC(17,6)	YES	NF's discount amount (field number 335).
	freight_amount	NUMERIC(17,6)	YES	NF's freight amount (field number 333).
	insurance_amount	NUMERIC(17,6)	YES	NF's insurance amount (field number 334).
	other_amount	NUMERIC(17,6)	YES	NF's other amount (field number 340).
	total_amount	NUMERIC(17,6)	YES	NF's total amount (field number 341).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	inf_cpl	NCLOB	YES	NF's additional information (field number 401)
	protocolo	VARCHAR(30)	YES	NF's protocol number.
	canc_protocolo	VARCHAR(30)	YES	NF's cancellation protocol number.
	chave_nfe	VARCHAR(88)	YES	NF's key.
	old_chave_nfe	VARCHAR(88)	YES	NF's old key (in case approved in contingency and finally approved).
	recibo	VARCHAR(30)	YES	NF's string receive date.
	stat_code	VARCHAR(30)	YES	NF's status code.
	xml	NCLOB	YES	NF's xml.
	response_code	VARCHAR(30)	YES	NF's response code.
	response_text	NCLOB	YES	NF's response text.
	dig_val	VARCHAR(30)	YES	NF's digest value.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue Relationships

Parent Entity	Child Entity	Type
cpaf_nfe	cpaf_nfe_queue	Non Identifying
cpaf_nfe_queue	cpaf_nfe_queue_dest	Identifying
cpaf_nfe_queue	cpaf_nfe_queue_issuer	Identifying

Parent Entity	Child Entity	Type
cpaf_nfe_queue	cpaf_nfe_queue_trans	Identifying
cpaf_nfe_queue	Cpaf_sat_response	Identifying

cpaf_nfe_queue_p

Contains property code and value information for table CPAF_NFE_QUEUE.

cpaf_nfe_queue_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_QUEUE(key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue_p relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue	cpaf_nfe_queue_p	Identifying
cpaf_nfe_queue_dest_p	cpaf_nfe_queue_p	Identifying

cpaf_nfe_queue_dest

This table contains fiscal information about the destination of the Nota fiscal.

cpaf_nfe_queue_dest Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation.
	name	VARCHAR(60)	YES	The destination's name this is the concatenation of the first and last name
	federal_tax_id	VARCHAR(20)	YES	The destination's cnpj/cpf/idEstrangeiro.
	state_tax_id	VARCHAR(20)	YES	The destination's ie (inscription estadual).
	street_name	VARCHAR(60)	YES	The destination's street name (Logradouro, field number 67).
	street_num	VARCHAR(60)	YES	The destination's street number (Numero, field number 68).
	complemento	VARCHAR(60)	YES	The destination's address additional information such as apartment (Complemento, field number 69)
	neighborhood	VARCHAR(60)	YES	The destination's neighborhood (Bairro, field number 70)
	city_code	VARCHAR(7)	YES	The destination's city code (Codigo do municipio, field number 71)
	city	VARCHAR(60)	YES	The destination's city name (field number 72)
	state	VARCHAR(2)	YES	The destination's state (field 73)
	postal_code	VARCHAR(8)	YES	The destination's postal code (CEP, field 73)
	country_code	VARCHAR(4)	YES	The destination's country code (from BACEN table, field number 74)
	country_name	VARCHAR(60)	YES	The destination's country name (field number 75)
	telephone	VARCHAR(14)	YES	The destination's phone (field number 76)

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	email	VARCHAR(60)	YES	The destination's email address (field number 79a)
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue_dest Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue	cpaf_nfe_queue_dest	Identifying

cpaf_nfe_queue_dest_p

Contains property code and value information for table CPAF_NFE_QUEUE_DEST.

cpaf_nfe_queue_dest_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_QUEUE_DEST (key/value pair).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue_dest_p Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue_dest	cpaf_nfe_queue_dest_p	Identifying
cpaf_nfe_queue_issuer_p	cpaf_nfe_queue_dest_p	Identifying
cpaf_nfe_queue_dest_p	Cpaf_sat_response_p	Identifying
cpaf_nfe_queue_dest_p	Cpaf_nfe_queue_p	Identifying
cpaf_nfe_queue_dest_p	cpaf_nfe_queue_issuer_p	Identifying

cpaf_nfe_queue_issuer

This table contains fiscal information about the destination of the Nota fiscal.

cpaf_nfe_queue_issuer Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation.
	name	VARCHAR(60)	YES	The issuer's name this is generally the organization name (field number 32)
	fantasy_name	VARCHAR(60)	YES	The issuer's fantasy name (field number 33)
	federal_tax_id	VARCHAR(20)	YES	The destination's cnpj/cpf/idEstrangeiro.
	state_tax_id	VARCHAR(20)	YES	The destination's ie (inscrição estadual).
	city_tax_id	VARCHAR(20)	YES	The issuer's im (Inscrição Municipal, used for services items and CFEs, field number 48).
	crt	VARCHAR(1)	YES	The issuer's crt (Codigo de Regime Tributario, field number 49a).
	street_name	VARCHAR(60)	YES	The destination's street name (Logradouro, field number 67).
	street_num	VARCHAR(60)	YES	The destination's street number (Numero, field number 68).
	complemento	VARCHAR(60)	YES	The destination's address additional information such as apartment (Complemento, field number 69)
	neighborhood	VARCHAR(60)	YES	The destination's neighborhood (Bairro, field number 70)
	city_code	VARCHAR(7)	YES	The destination's city code (Codigo do municipio, field number 71)
	city	VARCHAR(60)	YES	The destination's city name (field number 72)
	state	VARCHAR(2)	YES	The destination's state (field 73)

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	postal_code	VARCHAR(8)	YES	The destination's postal code (CEP, field 73)
	country_code	VARCHAR(4)	YES	The destination's country code (from BACEN table, field number 74)
	country_name	VARCHAR(60)	YES	The destination's country name (field number 75)
	telephone	VARCHAR(14)	YES	The destination's phone (field number 76)
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue_issuer Relationships

	Parent Entity	Child Entity	Type
	cpaf_nfe_queue	cpaf_nfe_queue_issuer	Identifying

cpaf_nfe_queue_issuer_p

Contains property code and value information for table CPAF_NFE_QUEUE_ISSUER.

cpaf_nfe_queue_issuer_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_QUEUE_ISSUER (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue_issuer_p relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue_dest_p	cpaf_nfe_queue_issuer_p	
cpaf_nfe_queue_issuer_p	cpaf_nfe_queue_dest_p	

cpaf_nfe_queue_item

This table contains item's fiscal information about the Nota fiscal.

cpaf_nfe_queue_item Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation
X	Sequence	INTEGER	NO	NF's item sequence number.
	item_id	VARCHAR(60)	YES	NF's item id (field number 101)
	item_description	VARCHAR(254)	YES	.NF's item description (field number 103)
	Ean	VARCHAR(14)	YES	NF's item EAN (field number 102).
	Ncm	VARCHAR(8)	YES	NF's item NCM (field number 104).
	Cest	VARCHAR(18)	YES	NF's item CEST.
	ex_tipi	VARCHAR(3)	YES	NF's item EX_TIPi (field number 105)
	Quantity	NUMERIC(11,4)	YES	NF's item quantity (field number 109).
	unit_of_measure_code	VARCHAR(30)	YES	NF's item unit of measure (field number 108)
	taxable_ean	VARCHAR(14)	YES	NF's item taxable EAN (field number 111).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	taxable_unit_of_measure_code	VARCHAR(30)	YES	NF's item unit of measure code (field number 112).
	lat	VARCHAR(1)	YES	NF's item IAT.
	lppt	VARCHAR(1)	YES	NF's item IPPT.
	unit_price	NUMERIC(17,6)	YES	NF's item unit price.
	extended_amount	NUMERIC(17,6)	YES	NF's item extended amount
	taxable_quantity	NUMERIC(11,4)	YES	NF's reason description (field number 29d).
	unit_taxable_amount	NUMERIC(17,6)	YES	NF's items total amount (field number 326).
	freight_amount	NUMERIC(17,6)	YES	NF's item freight amount (field number 114).
	insurance_amount	NUMERIC(17,6)	YES	NF's item insurance amount (field number 115).
	discount_amount	NUMERIC(17,6)	YES	NF's item discount amount (field number 116).
	other_amount	NUMERIC(17,6)	YES	NF's item other amount (field number 116).
	Cfop	VARCHAR(4)	YES	NF's item CFOP (field number 107).
	inf_ad_prod	VARCHAR(500)	YES	NF's item additional information.
	icms_cst	VARCHAR(3)	YES	NF's item ICMS CST.
	icms_basis	NUMERIC(17,6)	YES	NF's item ICMS base amount.
	icms_amount	NUMERIC(17,6)	YES	NF's item ICMS amount.
	icms_rate	NUMERIC(5,2)	YES	NF's item ICMS rate.
	icms_st_basis	NUMERIC(17,6)	YES	NF's ICMS ST base amount.
	icms_st_amount	NUMERIC(17,6)	YES	NF's ICMS ST amount.
	icms_st_rate	NUMERIC(5,2)	YES	NF's item ICMS ST rate.
	ipi_amount	NUMERIC(17,6)	YES	NF's item IPI amount.
	ipi_rate	NUMERIC(5,2)	YES	NF's item IPI rate.
	ii_amount	NUMERIC(17,6)	YES	NF's item II amount.
	pis_basis	NUMERIC(17,6)	YES	NF's item PIS base amount.
	pis_amount	NUMERIC(17,6)	YES	NF's item PIS amount.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	pis_rate	NUMERIC(17,6)	YES	NF's item PIS rate.
	cofins_basis	NUMERIC(17,6)	YES	NF's item COFINS base amount.
	cofins_amount	NUMERIC(17,6)	YES	NF's item COFINS amount.
	cofins_rate	NUMERIC(17,6)	YES	NF's item COFINS rate.
	tax_situation_code	VARCHAR(6)	YES	NF's item taxsituation code.
	tax_group_id	VARCHAR(120)	YES	NF's item tax group id.
	log_sequence	INTEGER	YES	NF's item log sequence.
	ref_nfe	VARCHAR(88)	YES	NF's item original key (only for returns).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue_item relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue_log	cpaf_nfe_queue_item	Non Identifying
cpaf_nfe_queue_item	cpaf_nfce_queue_tender	Identifying
cpaf_nfe_queue_item	cpaf_nfe_queue_log	Non Identifying

cpaf_nfe_queue_item_p

Contains property code and value information for table CPAF_NFE_QUEUE_ITEM.

cpaf_nfe_queue_item_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation
X	sequence	INTEGER	NO	NF's item sequence number.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_QUEUE_ITEM (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue_item_p relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue_item_p	cpaf_nfe_queue_log_p	Identifying
cpaf_nfe_queue_log_p	cpaf_nfe_queue_item_p	Identifying

cpaf_nfe_queue_log

This table contains log information about the status changes of a NF.

cpaf_nfe_queue_log Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation
X	sequence	INTEGER	NO	NF's item sequence number.
	stat_code	VARCHAR(30)	YES	NF's log status code.
	response_code	VARCHAR(30)	YES	NF's log response code.
	response_text		YES	NF's log response text
	source	VARCHAR(255)	YES	NF's log source.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue_log Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue_item	cpaf_nfe_queue_log	Non Identifying
cpaf_nfe_queue_log	cpaf_nfe_queue_item	Non Identifying

cpaf_nfe_queue_log_p

Contains property code and value information for table CPAF_NFE_QUEUE_LOG.

cpaf_nfe_queue_log_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation
X	sequence	INTEGER	NO	NF's item sequence number.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_QUEUE_LOG(key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue_log_p relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue_item_p	cpaf_nfe_queue_log_p	Identifying
cpaf_nfe_queue_log_p	cpaf_nfe_queue_item_p	Identifying

cpaf_nfe_queue_trans

This table contains cross reference information between xstore transactions and nfe's.

cpaf_nfe_queue_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	business_date	DATETIME	NO	The xstore transaction business date.
X	trans_seq	INTEGER	NO	The xstore transaction sequence number
X	trans_wkstn_id	INTEGER	NO	The xstore transaction workstation
X	queue_seq	INTEGER	NO	The nfe queue sequence number.
	inactive_flag	BOOLEAN	NO	A boolean value to identify if the current record is valid.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_queue_trans relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue_trans	cpaf_nfe_queue_trans_p	Identifying
Cpaf_nfe_queue	cpaf_nfe_queue_trans	Identifying

cpaf_nfe_queue_trans_p

Contains property code and value information for table CPAF_NFE_QUEUE_TRANS.

cpaf_nfe_queue_trans_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	The xstore transaction business date.
X	trans_seq	INTEGER	NO	The xstore transaction sequence number
X	trans_wkstn_id	INTEGER	NO	The xstore transaction workstation
X	queue_seq	INTEGER	NO	The nfe queue sequence number.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_QUEUE_TRANS (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMBERIC(17, 6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

craf_nfe_queue_trans_p Relationships

Parent Entity	Child Entity	Type
---------------	--------------	------

cpaf_nfe_queue_trans	cpaf_nfe_queue_trans_p	Identifying
----------------------	------------------------	-------------

cpaf_nfe_resend_queue

This is a staging table designed to serve reprint or send via mail of additional nfe copies.

cpaf_nfe_resend_queue Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	chave_nfe	VARCHAR(88)	NO	NFe key of the fiscal document to be reprinted/re-emailed.
	copies	INTEGER	YES	Number of copies of the fiscal document to be reprinted.
	requesting_user	VARCHAR(20)	YES	User id requesting the reprint.
	email_address	VARCHAR(20)	YES	Destination email address (only filled when asking for resend via email).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cpaf_nfe_resend_queue Relationships

Parent Entity	Child Entity	Type
---------------	--------------	------

cpaf_nfe_resend_queue	cpaf_nfe_resend_queue_p	Identifying
-----------------------	-------------------------	-------------

cpaf_nfe_resend_queue_p

Contains property code and value information for table CPAF_NFE_RESEND_QUEUE.

cpaf_nfe_resend_queue_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	chave_nfe	VARCHAR(88)	NO	NFe key of the fiscal document to be reprinted/re-emailed.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CPAF_NFE_RESEND_QUEUE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cpaf_nfe_resend_queue_p Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_resend_queue	cpaf_nfe_resend_queue_p	Identifying

cpaf_nfe_tax_cst

Contains the tax authority's CST code for the applicable transaction type, tax group id combination for tax authorities.

cpaf_nfe_tax_cst Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	trans_typecode	VARCHAR(30)	NO	Unique identifier for the NFe transaction type. “**” indicates the default CST for the tax group, tax authority combination for transaction types that do not have a specific value for the combine.
X	tax_loc_id	VARCHAR(60)	NO	Unique identifier of a tax location.
X	tax_group_id	VARCHAR(120)	NO	Unique identifier for the tax group. “**” indicates the tax authority's default CST for all for transaction types, tax group combinations that do not have a specific value.
X	tax_authority_id	VARCHAR(60)	NO	Tax authority id. Must be “ICMS”, “IPI”, “PIS” or “COFINS”.
	cst	VARCHAR(2)	YES	Two digit code for the tax location ID, transaction type, tax group, tax authority combine. (Example for “ICMS” tax authority: “60” for “F”, “40” for “I”, “41” for “N”, “00” for most ICMS, etc.). Note: Printed on NFe.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_tax_cst Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_trans_type	cpaf_nfe_tax_cst	Identifying
cpaf_nfe_tax_cst	cpaf_nfe_tax_cst_p	Identifying

cpaf_nfe_tax_cst_p

Contains property code and value information for table CPAF_NFE_TAX_CST.

cpaf_nfe_tax_cst_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	trans_typcode	VARCHAR(30)	NO	Unique identifier for the NFe transaction type. “*” indicates the default CST for the tax group, tax authority combination for transaction types that do not have a specific value for the combine.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	tax_loc_id	VARCHAR(60)	NO	Unique identifier of a tax location.
X	tax_group_id	VARCHAR(120)	NO	Unique identifier for the tax group. “**” indicates the tax authority’s default CST for all transaction types, tax group combinations that do not have a specific value.
X	tax_authority_id	VARCHAR(60)	NO	Tax authority id. Must be “ICMS”, “IPI”, “PIS” or “COFINS”.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_TAX_CST (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_tax_cst_p Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_tax_cst	cpaf_nfe_tax_cst_p	Identifying

cpaf_nfe_trans

This table contains cross reference information between xstore transactions and nifes.

cpaf_nfe_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	nnf	INTEGER	NO	Nfe sequence number.
X	model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
X	business_date	DATETIME	NO	The xstore transaction business date.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	trans_wkstn_id	INTEGER	NO	The xstore transaction sequence number.
X	trans_seq	INTEGER	NO	The xstore transaction workstation.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_trans Relationships

Parent Entity	Child Entity	Type
cpaf_nfe	cpaf_nfe_trans	Identifying

cpaf_nfe_trans_p

Contains property code and value information for table CPAF_NFE_TRANS.

cpaf_nfe_trans_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
				interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	environment_id	INTEGER	NO	Authorization environment id: 1 for Production and 2 for Homologation
X	tp_nf	INTEGER	NO	Type of 'Nota Fiscal': 0 for incoming goods (Entrada, for example returns) and 1 for outgoing goods (Saida, for example sales).
X	series_id	INTEGER	NO	Nfe Series id (Sequence type). Nfe sequence number.
X	nnf	INTEGER	NO	Nfe sequence number.
X	model	VARCHAR(2)	NO	NF type: '55' for NFe, '59' for CFe, '65' for NFCe.
X	business_date	DATETIME	NO	The xstore transaction business date.
X	trans_wkstn_id	INTEGER	NO	The xstore transaction sequence number.
X	trans_seq	INTEGER	NO	The xstore transaction workstation.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_TRANS (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_trans_p relationships

Parent Entity	Child Entity	Type
cpaf_nfe_trans	cpaf_nfe_trans_p	Identifying

cpaf_nfe_trans_tax

Contains card network information. This table contains tax group id mapping logic for a transaction type (CFOP). For certain CFOPs is required to use a different tax_group_id than the one assigned to the item itself.

cpaf_nfe_trans_tax Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
----	----------------------------	----------	-------	------------

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	trans_typcode	VARCHAR(30)	NO	Unique identifier for the transaction type. Defines the target transaction type code for which a different tax group id needs to be applied.
X	Uf	VARCHAR(2)	NO	Unique identifier for the transfer from state (UF).
X	dest_uf	VARCHAR(2)	NO	Unique identifier for the transferto state (UF).
X	tax_group_id	VARCHAR(120)	NO	Unique identifier for tax group id.
	new_tax_group_id	VARCHAR(120)	YES	Unique identifier for the new tax group id.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_trans_tax Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_trans_type	cpaf_nfe_trans_tax	Identifying

cpaf_nfe_trans_tax_p

Contains property code and value information for table CPAF_NFE_TRANS_TAX.

cpaf_nfe_trans_tax_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	trans_typecode	VARCHAR(30)	NO	Unique identifier for the transaction type. Defines the target transaction type code for which a different tax group id needs to be applied.
X	Uf	VARCHAR(2)	NO	Unique identifier for the transfer from state (UF).
X	dest_uf	VARCHAR(2)	NO	Unique identifier for the transferred state (UF).
X	tax_group_id	VARCHAR(120)	NO	Unique identifier for tax group id.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_TRANS_TAX. (key/value pair).
	Type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_trans_tax_p relationships

Parent Entity	Child Entity	Type
cpaf_nfe_trans_tax	cpaf_nfe_trans_tax_p	Identifying

cpaf_nfe_trans_type

Contains transaction types for Nota Fiscal (NFe) in Brazil.

cpaf_nfe_trans_type Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	trans_typcode	VARCHAR(30)	NO	Unique identifier for the transaction type.
	Description	VARCHAR(60)	YES	The NAT.OP that should appear on the NFe for this transaction type.
	Notes	VARCHAR(2000)	YES	Comments that will be displayed to the user to aid in selecting a particular CFOP.
	cfop_same_uf	VARCHAR(4)	YES	Operation code to use when both the sender and receiver are in the same state.
	cfop_other_uf	VARCHAR(4)	YES	Operation code to use when both the sender and receiver are in different states of Brazil. V16 doesn't support interstate operation so this field is ignored.
	cfop_foreign	VARCHAR(4)	YES	Operation code to use when either the sender or the receiver are outside of Brazil. V16 doesn't support interstate operation so this field is ignored.
	display_order	INTEGER	YES	Used to sort transaction types when displayed to the user for selection.
	comment_req_flag	BOOLEAN	YES	If true, the user will have an opportunity to fill in a free-form comment that will be included in the "Additional Information" section of the NFe.
	rule_type	VARCHAR(30)	YES	'NULL' indicates during NFe, the selected CFOP will be used for CFOP for NFe item. 'DYNAMIC' indicates during NFe, CFOP for NFe item will be determined based on

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
				item attribute (e.g. item type, tax type etc.).
	disallow_cancel_flag	BOOLEAN	YES	If true, the NFe cannot be cancelled once an approval or contingent approval has been received.
	pricing_type	VARCHAR(30)	YES	
	initial_comment	VARCHAR(254)	YES	The initial value for the INF_CPL (will be appended to auto-generated comment when appropriate).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_trans_type Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_trans_type	cpaf_nfe_trans_tax	Identifying
cpaf_nfe_trans_type	cpaf_nfe_trans_type_p	Identifying
cpaf_nfe_trans_type	cpaf_nfe_trans_type_use	Identifying
cpaf_nfe_trans_type	cpaf_nfe_tax_cst	Identifying

cpaf_nfe_trans_type_p

Contains property code and value information for table CPAF_NFE_TRANS_TYPE.

cpaf_nfe_trans_type_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	trans_typcode	VARCHAR(30)	NO	Unique identifier for the transaction type.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_TRANS_TYPE (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_trans_type_p relationships

Parent Entity	Child Entity	Type
cpaf_nfe_trans_type	cpaf_nfe_trans_type_p	Identifying

cpaf_nfe_trans_type_use

Assigns NFe transaction types to the states of Brazil.

cpaf_nfe_trans_type_use Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	trans_typcode	VARCHAR(30)	NO	Unique identifier for the transaction type.
X	usage_typcode	VARCHAR(30)	NO	The usage mapped. This will be one of: NFE_SALE – selected from the NFe sales screen for goods leaving the store without a shipper (sale to corporations, invoice for over R\$10000, etc.) NFE_RETURN – for consumer goods returned to the store through either the Return process or Post Void process of Xstore (typically only 1202)
X	uf	VARCHAR(2)	NO	State (UF) in which the mapping applies to.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_trans_type_use relationships

Parent Entity	Child Entity	Type
cpaf_nfe_trans_type	cpaf_nfe_trans_type_use	Identifying
cpaf_nfe_trans_type_use	cpaf_nfe_trans_type_use_p	Identifying

cpaf_nfe_trans_type_use_p

Contains property code and value information for table CPAF_NFE_TRANS_TYPE_USE.

cpaf_nfe_trans_type_use_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	trans_tpcode	VARCHAR(30)	NO	Unique identifier for the transaction type.
X	usage_tpcode	VARCHAR(30)	NO	The usage mapped. This will be one of: NFE_SALE – selected from the NFe sales screen for goods leaving the store without a shipper (sale to corporations, invoice for over R\$10000, etc.) NFE_RETURN – for consumer goods returned to the store through either the Return process or Post Void process of Xstore (typically only 1202)
X	uf	VARCHAR(2)	NO	State (UF) in which the mapping applies to.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_NFE_TRANS_TYPE_USE. (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_nfe_trans_type_use_p Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_trans_type_use	cpaf_nfe_trans_type_use_p	Identifying

cpaf_sat_response

This table contains information about the SATe device authorization response message.

cpaf_sat_response Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation.
X	session_id	INTEGER	NO	SATe device id from the SATe device.
	code_sate	VARCHAR(32)	NO	SATe device response code.
	message_sate	VARCHAR(254)	YES	SATe device response message.
	code_alert	VARCHAR(32)	YES	SATe device alert response code.
	message_alert	VARCHAR(254)	YES	SATe device alert response message.
	xml_string	NCLOB	YES	SATe device response xml.
	time_stamp	DATETIME	YES	SATe response date and time.
	chave	VARCHAR(254)	YES	NF key.
	total_amount	NUMERIC(17,6)	YES	NF total amount.
	cpf_cnpj_value	VARCHAR(32)	YES	Customer's CPF/CNPJ.
	signature_qr_code	VARCHAR(2000)	YES	QR code's signature.
	success	BOOLEAN	YES	True if fiscal document is successfully authorized.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	timeout	BOOLEAN	YES	True if a timeout occurred while waiting for the authorization response.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_sat_response Relationships

Parent Entity	Child Entity	Type
cpaf_nfe_queue	cpaf_sat_response	Identifying

cpaf_sat_response_p

Contains property code and value information for table CPAF_SAT_RESPONSE.

cpaf_sat_response_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	INTEGER	NO	The unique identifier for the workstation.
X	Queue_seq	INTEGER	NO	A unique, non-significant, automatically-assigned sequential number used to identify nfe within the context of a workstation.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	session_id	INTEGER	NO	Session id from the SATe device.
X	property_code	VARCHAR(30)	NO	Identifier of the property associated with table CPAF_SAT_RESPONSE (key/value pair).
	type	VARCHAR(30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMBERIC(17, 6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

cpaf_sat_response_p Relationships

Parent Entity	Child Entity	Type
cpaf_sat_response	cpaf_sat_response_p	Identifying
cpaf_nfe_queue_dest_p	cpaf_sat_response_p	Identifying

Domain: CRM

Customer Relationship Management Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

crm_customer_affiliation

Contains information associating a customer with a customer group.

crm_customer_affiliation Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identifier for a party.
X	cust_group_id	VARCHAR (60)	NO	A unique identifier assigned to a customer group.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_customer_affiliation Relationships

Parent Entity	Child Entity	Type
crm_party	crm_customer_affiliation	Identifying
crm_customer_affiliation	crm_customer_affiliation_p	Identifying

crm_customer_affiliation_p

Contains property code and value information for table CRM_CUSTOMER_AFFILIATION.

crm_customer_affiliation_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identifier for a party.
X	cust_group_id	VARCHAR (60)	NO	A unique identifier assigned to a customer group.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CRM_CUSTOMER_AFFILIATION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_customer_affiliation_p Relationships

Parent Entity	Child Entity	Type
crm_customer_affiliation	crm_customer_affiliation_p	Identifying

crm_customer_notes

Contains a collection of comments for a customer.

crm_customer_notes Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, non-significant number used to identify a customer (The party Id of the person the note is about).
X	note_seq	BIGINT	NO	Sequence number within the table to keep the customer notes ordered and unique.
	note	VARCHAR (MAX)	YES	The text of the note.
	creator_id	VARCHAR (254)	YES	The person who made the note.
	note_timestamp	DATETIME	YES	The date and time the note was created.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_customer_notes Relationships

Parent Entity	Child Entity	Type
crm_party	crm_customer_notes	Identifying
crm_customer_notes	crm_customer_notes_p	Identifying

crm_customer_notes_p

Contains property code and value information for table CRM_CUSTOMER_NOTES.

crm_customer_notes_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, non-significant number used to identify a customer (The party Id of the person the note is about).
X	note_seq	BIGINT	NO	Sequence number within the table to keep the customer notes ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CRM_CUSTOMER_NOTES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_customer_notes_p Relationships

Parent Entity	Child Entity	Type
crm_customer_notes	crm_customer_notes_p	Identifying

crm_gift_registry_journal

Contains a journal of gift registry activity.

crm_gift_registry_journal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	journal_seq	BIGINT	NO	The sequence number of the journal entry.
	registry_id	BIGINT	YES	A unique identifier for the gift registry.
	action_code	VARCHAR (30)	YES	The code for the activity performed on the gift registry..
	registry_status	VARCHAR (30)	YES	Status of the gift registry.
	trans rtl_loc_id	INTEGER	YES	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	trans_wkstn_id	BIGINT	YES	The unique identifier for the workstation.
	trans_business_date	DATETIME	YES	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
	trans_trans_seq	BIGINT	YES	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_gift_registry_journal Relationships

Parent Entity	Child Entity	Type
trn_gift_registry_trans	crm_gift_registry_journal	Non-Identifying
crm_gift_registry_journal	crm_gift_registry_journal_p	Identifying

crm_gift_registry_journal_p

Contains property code and value information for table CRM_GIFT_REGISTRY_JOURNAL.

crm_gift_registry_journal_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	journal_seq	BIGINT	NO	The sequence number of the journal entry.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CRM_GIFT_REGISTRY_JOURNAL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_gift_registry_journal_p Relationships

Parent Entity	Child Entity	Type
crm_gift_registry_journal	crm_gift_registry_journal_p	Identifying

crm_party

Contains information about an individual or firm that exchanges information and/or goods and services with the store. The party record is the basis for both a Customer and an Employee in Xstore.

crm_party Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
	party_tpcode	VARCHAR (30)	YES	A code for the type of party a store is dealing with (a supplier, carrier, customer, etc.).
	cust_id	VARCHAR (60)	YES	A unique identification number assigned to a customer.
	employee_id	VARCHAR (60)	YES	A unique, non-significant number used to identify a store employee.
	salutation	VARCHAR (30)	YES	A title used before a person's name (Mr., Ms., Miss, Dr., Prof. etc.).
	first_name	VARCHAR (254)	YES	A person's first name. In western cultures this is the given name, in other cultures it may be the family name.
	middle_name	VARCHAR (60)	YES	One or more names that are printed between the person's first and last names.
	last_name	VARCHAR (254)	YES	A person's last name. In western cultures this is the family (or patronymic) name. In other cultures it may be the given name.
	first_name2	VARCHAR (254)	YES	Secondary first name to support Xstore international. [nvarchar(60) Additional first name value for Japan. Japan uses two first names to depict the separate formats for a first name. This is similar to cursive and print in the written English language.]
	last_name2	VARCHAR (254)	YES	Secondary last name to support Xstore international. [nvarchar(60) Additional last name value for Japan. Japan uses two last names to depict the separate formats for a last name. This is similar to cursive and print in the written English language.]
	suffix	VARCHAR (30)	YES	An affix occurring at the end of a name (Sr, Jr, III, etc.).
	gender	VARCHAR (30)	YES	Gender type, male or female.
	preferred_locale	VARCHAR (30)	YES	Stores the Xstore language code for the customer's preferred language.
	birth_date	DATETIME	YES	A person's date of birth.
	social_security_nbr	VARCHAR (255)	YES	The social security number of the party.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	national_tax_id	VARCHAR (30)	YES	A tax or other number assigned by a federal government that is unique to all organizations within that federal government's jurisdiction.
	personal_tax_id	VARCHAR (30)	YES	A tax or other number assigned by a state government that is unique to all organizations within that state government's jurisdiction.
	prospect_flag	BIT	YES	If true, indicates the customer is a prospective customer.
	rent_flag	BIT	YES	If true, indicates the customer name may be rented to other companies.
	privacy_card_flag	BIT	YES	If true, indicates the privacy card form has been completed by this customer.
	contact_pref	VARCHAR (30)	YES	The preferred method of contacting the customer: Home, Work, Mobile or Email.
	sign_up_rtl_loc_id	INTEGER	YES	Retail location id of the store in which the customer information was first captured.
	allegiance_rtl_loc_id	INTEGER	YES	Retail location id of the store to which the customer shows the greatest loyalty.
	anniversary_date	DATETIME	YES	The date of the party's wedding anniversary.
	organization_typcode	VARCHAR (30)	YES	Describes the type of organization from the legal aspect, i.e. company which is either private, public, limited liability, etc.
	organization_name	VARCHAR (60)	YES	Party organizational name. This is usually only used if the party is a business. Relate™'s "businessName" field is mapped to this field.
	commercial_customer_flag	BIT	YES	If true, indicates this customer is a commercial account customer.
	picture_uri	VARCHAR (254)	YES	The location of the picture file.
	void_flag	BIT	YES	If true, denotes that this party record has been voided.
	active_flag	BIT	NO	Flag to determine if the customer is active/inactive.
	email_rcpts_flag	BIT	NO	Flag to email all receipts.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party Relationships

Parent Entity	Child Entity	Type
loc rtl loc	crm_party	Non-Identifying
loc rtl loc	crm_party	Non-Identifying
crm_party	crm_customer_affiliation	Identifying
crm_party	crm_customer_notes	Identifying
crm_party	crm_party_cross_reference	Identifying
crm_party	crm_party_cross_reference	Identifying
crm_party	crm_party_email	Identifying
crm_party	crm_party_id_xref	Identifying
crm_party	crm_party_locale_information	Identifying
crm_party	crm_party_p	Identifying
crm_party	crm_party_telephone	Identifying
crm_party	thr_payroll	Identifying
crm_party	thr_payroll_header	Identifying
crm_party	thr_payroll_notes	Identifying
crm_party	thr_timecard_entry	Identifying
crm_party	civc_invoice	Non-Identifying
crm_party	cat_acct_note	Non-Identifying
crm_party	cat_charge_acct_history	Non-Identifying
crm_party	cat_charge_acct_users	Non-Identifying
crm_party	cat_cust_acct	Non-Identifying
crm_party	cat_cust_acct_card	Non-Identifying
crm_party	cat_cust_acct_journal	Non-Identifying
crm_party	cat_escrow_acct	Non-Identifying
crm_party	ctl_event_log	Non-Identifying
crm_party	cwo_service_loc	Non-Identifying
crm_party	hrs_employee	Non-Identifying
crm_party	hrs_employee_notes	Non-Identifying

Parent Entity	Child Entity	Type
crm_party	hrs_employee_task_notes	Non-Identifying
crm_party	inv_document_notes	Non-Identifying
crm_party	inv_shipment	Non-Identifying
crm_party	itm_warranty	Non-Identifying
crm_party	itm_warranty_journal	Non-Identifying
crm_party	tax_tax_exemption	Non-Identifying
crm_party	thr_timecard_entry_comment	Non-Identifying
crm_party	thr_timeclk_trans	Non-Identifying
crm_party	trl_commission_mod	Non-Identifying
crm_party	trl_escrow_trans	Non-Identifying
crm_party	trl_rtrans	Non-Identifying
crm_party	trn_trans	Non-Identifying
crm_party	ttr_ar_tndr_lineitm	Non-Identifying
crm_party	ttr_tndr_lineitm	Non-Identifying

crm_party_cross_reference

Contains information about type codes used to define a potential relationship between two parties.

crm_party_cross_reference Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	parent_party_id	BIGINT	NO	The parent relationship to the party id.
X	child_party_id	BIGINT	NO	The child relationship to the party id.
X	party_relationship_typcode	VARCHAR (30)	NO	A unique retailer-assigned code denoting the type of affiliation between two parties.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_cross_reference Relationships

Parent Entity	Child Entity	Type
crm_party	crm_party_cross_reference	Identifying
crm_party	crm_party_cross_reference	Identifying
crm_party_cross_reference	crm_party_cross_reference_p	Identifying

crm_party_cross_reference_p

Contains property code and value information for table CRM_PARTY_CROSS_REFERENCE.

crm_party_cross_reference_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	parent_party_id	BIGINT	NO	The parent relationship to the party id.
X	child_party_id	BIGINT	NO	The child relationship to the party id.
X	party_relationship_typcode	VARCHAR (30)	NO	A unique retailer-assigned code denoting the type of affiliation between two parties.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CRM_PARTY_CROSS_REFERENCE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_cross_reference_p Relationships

Parent Entity	Child Entity	Type
crm_party_cross_reference	crm_party_cross_reference_p	Identifying

crm_party_email

Supports third-party systems that accommodate multiple email addresses.

crm_party_email Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for an Xstore party.
X	email_sequence	INTEGER	NO	Sequence number within the table to keep the email records ordered and unique. Default=1
	email_address	VARCHAR (254)	YES	Customer's email address.
	email_type	VARCHAR (20)	YES	Code to categorize email types.
	email_format	VARCHAR (20)	YES	Stores the preferred format choice for emails such as "HTML" or "TEXT".
	contact_flag	BIT	YES	If true, indicates that this customer can be contacted at this email address.
	primary_flag	BIT	YES	If true, the email information is the primary information as defined in Relate™ CRM.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_email Relationships

Parent Entity	Child Entity	Type
crm_party	crm_party_email	Identifying
crm_party_email	crm_party_email_p	Identifying

crm_party_email_p

Contains property code and value information for table CRM_PARTY_EMAIL.

crm_party_email_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for an Xstore party.
X	email_sequence	INTEGER	NO	Sequence number within the table to keep the email records ordered and unique. Default=1
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CRM_PARTY_EMAIL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_email_p Relationships

Parent Entity	Child Entity	Type
crm_party_email	crm_party_email_p	Identifying

crm_party_id_xref

Maps an Xstore party Id to an equivalent customer identifier in a third-party application such as Relate™ or Serenade™.

crm_party_id_xref Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for an Xstore party.
X	alternate_id_owner	VARCHAR (30)	NO	A third-party application identifier related to the alternate_id (RELATE, SERENADE, etc.).
	alternate_id	VARCHAR (60)	YES	The third-party application identifier number related to the alternate_id_owner. For example, R9999888777, SABC-123123.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_id_xref Relationships

Parent Entity	Child Entity	Type
crm_party	crm_party_id_xref	Identifying
crm_party_id_xref	crm_party_id_xref_p	Identifying

crm_party_id_xref_p

Contains property code and value information for table CRM_PARTY_ID_XREF.

crm_party_id_xref_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for an Xstore party.
X	alternate_id_owner	VARCHAR (30)	NO	A third-party application identifier related to the alternate_id (RELATE, SERENADE, etc.).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CRM_PARTY_ID_XREF (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_id_xref_p Relationships

Parent Entity	Child Entity	Type
crm_party_id_xref	crm_party_id_xref_p	Identifying

crm_party_locale_information

Contains address and contact information for a party.

crm_party_locale_information Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	party_locale_seq	INTEGER	NO	A field designed to ensure a unique primary key to allow multiple locales to be attached to the same party_id. default="1"
	address1	VARCHAR (254)	YES	A unique identifier for a location and mail address.
	address2	VARCHAR (254)	YES	A unique identifier for a location and mail address.
	address3	VARCHAR (254)	YES	The third line of the address.
	address4	VARCHAR (254)	YES	The fourth line of the address.
	apartment	VARCHAR (30)	YES	The apartment or suite component of an address.
	city	VARCHAR (254)	YES	The city component of an address.
	state	VARCHAR (30)	YES	The state component of an address.
	postal_code	VARCHAR (30)	YES	The postal code (zip code) component of an address.
	country	VARCHAR (2)	YES	The country component of an address.
	neighborhood	VARCHAR (254)	YES	The neighborhood of an address.
	county	VARCHAR (254)	YES	The county component of an address.
	contact_flag	BIT	YES	If true, indicates that this customer can be contacted at this address.
	primary_flag	BIT	YES	If true, the address/phone number information is the primary information as defined in Relate™ CRM.
	address_type	VARCHAR (20)	YES	The address category. For example home, work, etc.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_locale_information Relationships

Parent Entity	Child Entity	Type
crm_party	crm_party_locale_information	Identifying
crm_party_locale_information	crm_party_locale_information_p	Identifying

crm_party_locale_information_p

Contains property code and value information for table CRM_PARTY_LOCALE_INFORMATION.

crm_party_locale_information_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	party_locale_seq	INTEGER	NO	A field designed to ensure a unique primary key to allow multiple locales to be attached to the same party_id. default="1"
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CRM_PARTY_LOCALE_INFORMATION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_locale_information_p Relationships

Parent Entity	Child Entity	Type
crm_party_locale_information	crm_party_locale_information_p	Identifying

crm_party_p

Contains property (key/value pair) information associated with the party.

crm_party_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with the party. For example a specific party Id; property codes: ELIGIBLE_FOR_PAYDEDUCT, MAX_PAYDEDUCT_AMT, EMAIL_CONTACT, etc.
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, BIGDECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_p Relationships

Parent Entity	Child Entity	Type
crm_party	crm_party_p	Identifying

crm_party_telephone

Contains address and contact information for a party.

crm_party_telephone Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	telephone_type	VARCHAR (20)	NO	The type of telephone number (HOME, WORK, MOBILE, or FAX).
	telephone_number	VARCHAR (32)	YES	The party's telephone number.
	contact_type	VARCHAR (20)	YES	Stores information from API whether this number can be used for calling, SMS TEXT, both, etc.
	contact_flag	BIT	NO	If true, indicates that customer can be contacted using this phone number.
	primary_flag	BIT	YES	If true, the phone number information is the primary information as defined in Relate™ CRM.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_telephone Relationships

Parent Entity	Child Entity	Type
crm_party	crm_party_telephone	Identifying
crm_party_telephone	crm_party_telephone_p	Identifying

crm_party_telephone_p

Contains property code and value information for table CRM_PARTY_TELEPHONE.

crm_party_telephone_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	telephone_type	VARCHAR (20)	NO	The type of telephone number (HOME, WORK, MOBILE, or FAX).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CRM_PARTY_TELEPHONE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crm_party_telephone_p Relationships

Parent Entity	Child Entity	Type
crm_party_telephone	crm_party_telephone_p	Identifying

Domain: CRPT

Country Pack Daily Reporting Entities.

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

[crpt_daily_detail](#)

Contains daily report detail information for locations with an activated country pack.

crpt_daily_detail Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	ref_wkstn_id	BIGINT	NO	Reference workstation.
X	record_type	VARCHAR (30)	NO	A code for the type of record. For example, JasperPrint, ReportCriteria.
X	sequence	INTEGER	NO	Unique identifier for the sequence.
	count01	BIGINT	YES	First count.
	count02	BIGINT	YES	Secord count.
	txt01	VARCHAR (2000)	YES	First string.
	txt02	VARCHAR (2000)	YES	Second string.
	txt03	VARCHAR (2000)	YES	Third string.
	txt04	VARCHAR (2000)	YES	Fourth string.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	txt05	VARCHAR (2000)	YES	Fifth string.
	txt06	VARCHAR (2000)	YES	Sixth string.
	num01	NUMERIC (17,6)	YES	First number.
	num02	NUMERIC (17,6)	YES	Second number.
	num03	NUMERIC (17,6)	YES	Third number.
	num04	NUMERIC (17,6)	YES	Fourth number.
	num05	NUMERIC (17,6)	YES	Fifth number.
	num06	NUMERIC (17,6)	YES	Sixth number.
	num07	NUMERIC (17,6)	YES	Seventh number.
	num08	NUMERIC (17,6)	YES	Eighth number.
	num09	NUMERIC (17,6)	YES	Nineth number.
	num10	NUMERIC (17,6)	YES	Tenth number.
	num11	NUMERIC (17,6)	YES	Eleventh number.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crpt_daily_detail Relationships

Parent Entity	Child Entity	Type
crpt_daily_header	crpt_daily_detail	Identifying
crpt_daily_detail	crpt_daily_detail_p	Identifying

crpt_daily_detail_p

Contains property code and value information for table CRPT_DAILY_DETAIL.

crpt_daily_detail_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	ref_wkstn_id	BIGINT	NO	Reference workstation.
X	record_type	VARCHAR (30)	NO	A code for the type of record. For example, JasperPrint, ReportCriteria.
X	sequence	INTEGER	NO	Unique identifier for the sequence.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CRPT_DAILY_DETAIL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crpt_daily_detail_p Relationships

Parent Entity	Child Entity	Type
crpt_daily_detail	crpt_daily_detail_p	Identifying

crpt_daily_header

Contains daily report header information for locations with an activated country pack.

crpt_daily_header Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	dailyreport_id	BIGINT	NO	A unique identifier for the daily report.
	report_data	VARBINARY (MAX)	YES	The report data.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crpt_daily_header Relationships

Parent Entity	Child Entity	Type
trn_trans	crpt_daily_header	Identifying
crpt_daily_header	crpt_daily_detail	Identifying
crpt_daily_header	crpt_daily_header_p	Identifying

crpt_daily_header_p

Contains property code and value information for table CRPT_DAILY_HEADER.

crpt_daily_header_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CRPT_DAILY_HEADER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

crpt_daily_header_p Relationships

Parent Entity	Child Entity	Type
crpt_daily_header	crpt_daily_header_p	Identifying

Domain: CTL

Control Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

ctl_app_version

Sourcing and targeting information for application updates to be delivered to/installed on clients

ctl_app_version Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	seq	INTEGER	NO	A sequence used to both differentiate and order application updates delivered to the same retail location.
	app_id	VARCHAR (255)	YES	The name of the application associated with an update (currently, this will always be "ISTORE").
	version_number	VARCHAR (255)	YES	The version # of the application update to be deployed.
	version_priority	VARCHAR (255)	YES	<currently unused>
	effective_date	DATETIME	YES	The earliest date on which this update is effective and may be deployed.
	update_url	VARCHAR (255)	YES	The URL identifying the binary data for the application update payload.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

ctl_app_version Relationships

Parent Entity	Child Entity	Type
loc rtl loc	ctl_app_version	Identifying

ctl_cheetah_device_access

This table contains the mobile security data to manage devices.

ctl_cheetah_device_access Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	wkstn_id	BIGINT	YES	The unique identifier for the workstation.
X	token	VARCHAR (256)	NO	The unique identifier for the mobile device.
	status	VARCHAR (256)	NO	Status of the device.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_dataloader_failure

This table contains the Xadmin dataloader failures.

ctl_dataloader_failure Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	file_name	VARCHAR (254)	NO	Dataloader filename.
X	run_timestamp	BIGINT	NO	When the dataloader ran.
X	failure_seq	INTEGER	NO	Unique sequence number.
	failure_message	VARCHAR (MAX)	NO	Failure message.
	failed_data	VARCHAR (MAX)	YES	Failed data.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_dataloader_failure Relationships

Parent Entity	Child Entity	Type
ctl_dataloader_summary	ctl_dataloader_failure	Identifying

[ctl_dataloader_summary](#)

This table contains the summary of the Xadmin dataloader loads.

ctl_dataloader_summary Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	file_name	VARCHAR (254)	NO	Dataloader filename.
X	run_timestamp	BIGINT	NO	When the dataloader ran.
	success_flag	BIT	NO	1=success, 0=failure.
	successful_rows	INTEGER	YES	How many rows were successful.
	failed_rows	INTEGER	YES	How many rows were failed.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_dataloader_summary Relationships

Parent Entity	Child Entity	Type
ctl_dataloader_summary	ctl_dataloader_failure	Identifying

ctl_device_information

Contains information about devices connected to the register.

ctl_device_information Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	dev_seq	INTEGER	NO	Sequence number of the device on the register.
	device_name	VARCHAR (255)	YES	Name of device connected to the register.
	device_type	VARCHAR (255)	YES	Type of device. (pinpad, receipt, etc...)
	model	VARCHAR (255)	YES	Model of the device.
	serial_number	VARCHAR (255)	YES	The serial number of the device.
	firmware	VARCHAR (255)	YES	The firmware of the device.
	firmware_date	DATETIME	YES	The firmware date.
	asset_status	VARCHAR (255)	YES	Device status.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_device_information Relationships

Parent Entity	Child Entity	Type
ctl_device_registration	ctl_device_information	Identifying

[ctl_device_registration](#)

Logs the device information at start up.

ctl_device_registration Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
	ip_address	VARCHAR (30)	YES	The ip address for the device.
	date_timestamp	DATETIME	YES	The startup date and time for the device.
	business_date	DATETIME	YES	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
	xstore_version	VARCHAR (40)	YES	The current Xstore version number.
	env_version	VARCHAR (40)	YES	The environment version number.
	env_install_date	DATETIME	YES	The date environment was installed/updated.
	active_flag	BIT	NO	(Not currently used.)
	config_version	VARCHAR (40)	YES	The xadmin config update version.
	machine_name	VARCHAR (255)	YES	The machine name of the register.
	mac_address	VARCHAR (20)	YES	The mac address of the register.
	primary_register_flag	BIT	NO	XA Retrieve the Primary Register to be used for version reporting.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

ctl_device_registration Relationships

Parent Entity	Child Entity	Type
loc_wkstn	ctl_device_registration	Identifying
ctl_device_registration	ctl_device_information	Identifying
ctl_device_registration	ctl_device_registration_p	Identifying

ctl_device_registration_p

Contains property code and value information for table CTL_DEVICE_REGISTRATION.

ctl_device_registration_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CTL_DEVICE_REGISTRATION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_device_registration_p Relationships

Parent Entity	Child Entity	Type
ctl_device_registration	ctl_device_registration_p	Identifying

ctl_event_log

Contains information for saving a log entry to the database, allowing the home office to view error event details.

ctl_event_log Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	organization_id	INTEGER	YES	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
	rtl_loc_id	INTEGER	YES	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	wkstn_id	BIGINT	YES	The unique identifier for the workstation.
	business_date	DATETIME	YES	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
	operator_party_id	BIGINT	YES	The identifier for the employee logged in at the time of the error.
	log_level	VARCHAR (20)	YES	The priority level to decide which log statement is going to be logged. Priority levels: DEBUG, INFO, WARN, ERROR, and FATAL.
	log_timestamp	DATETIME	NO	The date and time the error event was logged.
	source	VARCHAR (254)	YES	The location in code where this error event originated.
	thread_name	VARCHAR (254)	YES	The current thread name in the application associated with this error event.
	critical_to_deliver	BIT	YES	If true, this information will be updated to central when the application is back online (guaranteed to deliver).
	logger_category	VARCHAR (254)	YES	The log4j category name for this record. When logging messages for a particular class, its class name may be used.
	log_message	VARCHAR (MAX)	YES	Actual text logged for this record.
	arrival_timestamp	DATETIME	YES	The arrival time of the event log database record into Xcenter.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_event_log Relationships

Parent Entity	Child Entity	Type
crm_party	ctl_event_log	Non-Identifying
loc_wkstn	ctl_event_log	Non-Identifying

ctl_ip_cashdrawer_device

Contains detected and configured networked cash drawers for use within Xstore. The information stored in this table is used to communicate with the cash drawer during Xstore operation.

ctl_ip_cashdrawer_device Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	cash_drawer_id	VARCHAR(60)	NO	This is the cash drawer's barcode, a unique identifier for each drawer.
	drawer_status	VARCHAR(40)	YES	The status of the cash drawer. It can be either of these values: CONFIGURED, ACTIVE, and INACTIVE.
	product_name	VARCHAR(80)	YES	The IP cash drawer name (provided by the device by default).
	description	VARCHAR(80)	YES	User specified description of the device. This may contain the location of the device depending on the user's discretion.
	serial_number	VARCHAR(40)	YES	Serial number of the cash drawer.
	ip_address	VARCHAR(16)	YES	The IP address assigned to the cash drawer. This is initially set by the cash drawer using DHCP.
	tcp_port	INTEGER	YES	The TCP port assigned to the cash drawer. This is initially set by the cash drawer.
	mac_address	VARCHAR(20)	YES	MAC address of the cash drawer.
	subnet_mask	VARCHAR(16)	YES	The subnet mask assigned to the cash drawer. This is initially set by the cash drawer based on the current network setup of the device.
	gateway	VARCHAR(16)	YES	The gateway assigned to the cash drawer. This is initially set by the cash drawer.
	dns_hostname	VARCHAR(16)	YES	DNS host name of the cash drawer.
	dhcp_flag	BIT	YES	Flag used to indicate whether DHCP is used or not .
	firmware_version	VARCHAR(20)	YES	Firmware version of the cash drawer.
	Kup	VARCHAR(1024)	YES	Contains the credentials of the cash drawers. Credentials includes user and password.
	kup_update_date	DATETIME	YES	The date when the kup field is updated.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	beep_on_open_flag	NUMBER	YES	The flag used to set when the user wants the cash drawer to beep when it is open.
	beep_long_open_flag	NUMBER	YES	The flag used to set when the user wants the cash drawer to beep when it is open for a certain number of time.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_ip_cashdrawer_device Relationships

Parent Entity	Child Entity	Type
ctl_ip_cashdrawer_device	ctl_ip_cashdrawer_device_p	Identifying

[ctl_ip_cashdrawer_device_p](#)

Contains property code and value information for table CPAF_IP_CASHDRAWER_DEVICE.

ctl_ip_cashdrawer_device_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	cash_drawer_id	VARCHAR(60)	NO	The unique identifier for the cash drawer.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CPAF_IP_CASHDRAWER_DEVICE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_ip_cashdrawer_device_p Relationships

Parent Entity	Child Entity	Type
ctl_ip_cashdrawer_device	ctl_ip_cashdrawer_device_p	Identifying

ctl_log_trickle

Contains information about the POSLOG trickle to Xcenter.

ctl_log_trickle Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	Unique identifier for a specific retail store within the organization.
X	business_date	DATETIME	NO	The calendar date that corresponds to an accounting period fiscal day.
X	wkstn_id	BIGINT	NO	Unique identifier for the workstation.
X	log_trickle_id	VARCHAR (60)	NO	Sequence number of the trickle.
	log_type	VARCHAR (60)	YES	The type of log file.
	log_data	VARCHAR (MAX)	YES	The actual log data.
	posted_flag	BIT	YES	Any application that extracts data marks the log files as posted.
	log_generated_datetime	DATETIME	YES	A timestamp to indicate when the log was generated.
	log_posted_datetime	DATETIME	YES	The date and time to indicate when the log was posted to a third party system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_log_trickle Relationships

Parent Entity	Child Entity	Type
loc_wkstn	ctl_log_trickle	Identifying

ctl_replication_queue

Stores the replication data whenever the data cannot be replicated immediately. The system will retry replication later.

ctl_replication_queue Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	db_trans_id	VARCHAR (60)	NO	The database transaction token value; used to uniquely identify this data.
X	service_name	VARCHAR (60)	NO	The replication service this data is destined for.
	date_time	BIGINT	YES	A numeric representation of the time this replication transaction was created. Used for sorting purposes.
	expires_after	BIGINT	YES	Time in milliseconds that this replication transaction is applicable; after which the transaction is discarded.
	expires_immediately_flag	BIT	YES	If true, discard this replication transaction if it cannot be replicated immediately.
	never_expires_flag	BIT	YES	If true, this replication transaction is never discarded.
	offline_failures	INTEGER	YES	The number of attempts to replicate this replication queue entry that have failed because the destination datasource is offline. This value will be reset to 0 when the destination datasource comes back online so that this queue entry will be retried quickly.
	error_failures	INTEGER	NO	The number of attempts to replicate this replication queue entry that have failed because of an error other than a datasource offline.
	replication_data	VARCHAR (MAX)	YES	One or more JDBC prepared statements represented as XML.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_replication_queue Relationships

Parent Entity	Child Entity	Type
loc_wkstn	ctl_replication_queue	Identifying

ctl_version_history

Contains the historical record for specific software versions.

ctl_version_history Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	seq	BIGINT	NO	Sequence number within the table to keep the version history record ordered and unique.
	base_schema_version	VARCHAR (30)	NO	The version of the base schema.
	customer_schema_version	VARCHAR (30)	NO	The version of the customer schema.
	customer	VARCHAR (30)	YES	The customer for this version.
	base_schema_date	DATETIME	YES	The date the base schema (table structure) was changed.
	customer_schema_date	DATETIME	YES	The date the customer schema (table structure) was changed.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_version_history Relationships

Parent Entity	Child Entity	Type
ctl_version_history	ctl_version_history_p	Identifying

ctl_version_history_p

Contains property code and value information for table CTL_VERSION_HISTORY.

ctl_version_history_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	seq	BIGINT	NO	Sequence number within the table to keep the version history record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CTL_VERSION_HISTORY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ctl_version_history_p Relationships

Parent Entity	Child Entity	Type
ctl_version_history	ctl_version_history_p	Identifying

Domain: CWO

Customer Work Order Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

cwo_category_service_loc

Contains the service destination, shipping requirement, and lead time information based on the work order category.

cwo_category_service_loc Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	category_id	VARCHAR (60)	NO	The identifier for the work order category. For example, WATCH_REPAIR.
X	service_loc_id	VARCHAR (60)	NO	The identifier for the work order service location.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	lead_time_qty	NUMERIC (11,4)	YES	The number of lead time units required.
	lead_time_unit_enum	VARCHAR (30)	YES	The time interval relating to the lead time quantity. For example, DAY, WEEK, MONTH.
	create_shipment_flag	BIT	YES	If true, a shipper is created automatically for this category.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_category_service_loc Relationships

Parent Entity	Child Entity	Type
cwo_service_loc	cwo_category_service_loc	Identifying
cwo_work_order_category	cwo_category_service_loc	Identifying
cwo_category_service_loc	cwo_category_service_loc_p	Identifying

cwo_category_service_loc_p

Contains property code and value information for table CWO_CATEGORY_SERVICE_LOC.

cwo_category_service_loc_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	category_id	VARCHAR (60)	NO	The identifier for the work order category. For example, WATCH_REPAIR.
X	service_loc_id	VARCHAR (60)	NO	The identifier for the work order service location.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CWO_CATEGORY_SERVICE_LOC (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_category_service_loc_p Relationships

Parent Entity	Child Entity	Type
cwo_category_service_loc	cwo_category_service_loc_p	Identifying

cwo_invoice

Contains the repair vendor's invoice information.

cwo_invoice Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	service_loc_id	VARCHAR (60)	NO	The identifier for the work order service location.
X	invoice_number	VARCHAR (60)	NO	A unique identifier for the invoice.
	invoice_date	DATETIME	YES	The date of the invoice.
	amount_due	NUMERIC (17,6)	YES	The total amount due.
	notes	VARCHAR (254)	YES	Comments/text pertaining to the invoice.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_invoice Relationships

Parent Entity	Child Entity	Type
cwo_invoice	cwo_invoice_lineitm	Identifying
cwo_invoice	cwo_invoice_p	Identifying

cwo_invoice_lineitm

Contains the repair vendor's invoice line item level information.

cwo_invoice_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	service_loc_id	VARCHAR (60)	NO	The identifier for the work order service location.
X	invoice_number	VARCHAR (60)	NO	A unique identifier for the invoice.
X	invoice_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this invoice.
	lineitm_typcode	VARCHAR (30)	YES	Code representing a type of line item within the context of this invoice. For example FEE, REPAIR.
	amt	NUMERIC (17,6)	YES	The monetary amount for the invoice.
	gl_account	VARCHAR (60)	YES	The identifier for the general ledger account.
	cust_acct_id	VARCHAR (60)	YES	A unique identifier for a customer account.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_invoice_lineitm Relationships

Parent Entity	Child Entity	Type
cwo_invoice	cwo_invoice_lineitm	Identifying
cwo_invoice_lineitm	cwo_invoice_lineitm_p	Identifying

cwo_invoice_lineitm_p

Contains property code and value information for table CWO_INVOICE_LINEITM.

cwo_invoice_lineitm_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	service_loc_id	VARCHAR (60)	NO	The identifier for the work order service location.
X	invoice_number	VARCHAR (60)	NO	A unique identifier for the invoice.
X	invoice_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this invoice.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CWO_INVOICE_LINEITM (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_invoice_lineitm_p Relationships

Parent Entity	Child Entity	Type
cwo_invoice_lineitm	cwo_invoice_lineitm_p	Identifying

[cwo_invoice_p](#)

Contains property code and value information for table CWO_INVOICE.

cwo_invoice_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	service_loc_id	VARCHAR (60)	NO	The identifier for the work order service location.
X	invoice_number	VARCHAR (60)	NO	A unique identifier for the invoice.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CWO_INVOICE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_invoice_p Relationships

Parent Entity	Child Entity	Type
cwo_invoice	cwo_invoice_p	Identifying

cwo_price_code

Defines price codes that may be used to assign multiple prices to a single work order task. For example, the same repair task may have multiple prices based on the warranty purchased.

cwo_price_code Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	price_code	VARCHAR (30)	NO	The code denoting the pricing for the work order account. For example CHARGEABLE, NO_CHARGE, FULL_WARRANTY, PARTIAL_WARRANTY.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123)
	description	VARCHAR (254)	YES	The text description of the price code.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	prompt_for_warranty_nbr_flag	BIT	YES	If true, prompt for a warranty number for this price code.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_price_code Relationships

Parent Entity	Child Entity	Type
cwo_price_code	cwo_price_code_p	Identifying
cwo_price_code	cwo_work_order_pricing	Identifying

cwo_price_code_p

Contains property code and value information for table CWO_PRICE_CODE.

cwo_price_code_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	price_code	VARCHAR (30)	NO	The code denoting the pricing for the work order account. For example CHARGEABLE, NO_CHARGE, FULL_WARRANTY, PARTIAL_WARRANTY.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CWO_PRICE_CODE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_price_code_p Relationships

Parent Entity	Child Entity	Type
cwo_price_code	cwo_price_code_p	Identifying

cwo_service_loc

Contains information about the service destination where the work order task is performed.

cwo_service_loc Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	service_loc_id	VARCHAR (60)	NO	The identifier for the work order service location.
	description	VARCHAR (254)	YES	The text description for the service location.
	party_id	BIGINT	YES	A unique identity for an individual or firm that exchanges information and/or goods and services with the store.
	address_id	VARCHAR (60)	YES	The identifier for the service location address.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_service_loc Relationships

Parent Entity	Child Entity	Type
com_address	cwo_service_loc	Non-Identifying
crm_party	cwo_service_loc	Non-Identifying
cwo_service_loc	cwo_category_service_loc	Identifying
cwo_service_loc	cwo_service_loc_p	Identifying

cwo_service_loc_p

Contains property code and value information for table CWO_SERVICE_LOC.

cwo_service_loc_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	service_loc_id	VARCHAR (60)	NO	The identifier for the work order service location.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CWO_SERVICE_LOC (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_service_loc_p Relationships

Parent Entity	Child Entity	Type
cwo_service_loc	cwo_service_loc_p	Identifying

cwo_task

Contains information for the work order tasks. Work order tasks are non-merchandise items that represent the work being performed on another item (alteration, repair, cleaning etc.) in the Xstore Work Order module.

cwo_task Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique identifier for the task.
	category_id	VARCHAR (60)	YES	The identifier for the work order category. For example, WATCH_REPAIR, JEWELRY.
	price_type_enum	VARCHAR (30)	YES	A code for the type of pricing associated with the work order category; ACTUAL, ESTIMATE.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_task Relationships

Parent Entity	Child Entity	Type
itm_item	cwo_task	Identifying
cwo_work_order_category	cwo_task	Non-Identifying

cwo_work_item

Contains information about the item that has been presented for a work order task.

cwo_work_item Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	A unique identifier for a type of customer account; such as WORK_ORDER.
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account.
X	work_item_seq	INTEGER	NO	The order of the work order items within the account transaction.
	item_id	VARCHAR (60)	YES	The retailer's SKU or unique item identifier for the work order item.
	description	VARCHAR (254)	YES	The work order item text description.
	value_amt	NUMERIC (17,6)	YES	The dollar value of the work order item.
	warranty_number	VARCHAR (254)	YES	The warranty Id number.
	work_item_serial_nbr	VARCHAR (254)	YES	A unique number identifying the item being repaired. Every work order item is assigned one. Not to be confused with the number on serialized items, as this is wholly independent.
	void_flag	BIT	YES	If true, denotes that this operation has been voided.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_work_item Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cwo_work_item	Identifying
cwo_work_item	cwo_work_item_p	Identifying

cwo_work_item_p

Contains property code and value information for table CWO_WORK_ITEM.

cwo_work_item_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	A unique identifier for a type of customer account; such as WORK_ORDER.
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account.
X	work_item_seq	INTEGER	NO	The order of the work order items within the account transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CWO_WORK_ITEM (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_work_item_p Relationships

Parent Entity	Child Entity	Type
cwo_work_item	cwo_work_item_p	Identifying

cwo_work_order_acct

Contains information for each work order account.

cwo_work_order_acct Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	The unique identifier for a type of customer account. WORK_ORDER
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account.
X	service_loc_id	VARCHAR (60)	NO	The identifier for the work order service location.
X	category_id	VARCHAR (60)	NO	The identifier for the work order category. For example, WATCH_REPAIR.
	total_value	NUMERIC (17,6)	YES	The dollar amount value for the items in the work order account.
	estimated_completion_date	DATETIME	YES	The approximate date that the work order item repairs will be finished.
	approved_work_amt	NUMERIC (17,6)	YES	The dollar amount pre-approved by the customer for this work order item below which no further approval is required.
	approved_work_date	DATETIME	YES	The date the customer approved the work order amount.
	priority_code	VARCHAR (30)	YES	The code denoting the urgency of the work order. For example, STANDARD, URGENT, ASAP.
	price_code	VARCHAR (30)	YES	The code denoting the pricing for the work order account. For example, CHARGEABLE, NO_CHARGE, FULL_WARRANTY, PARTIAL_WARRANTY.
	contact_method_code	VARCHAR (30)	YES	The code for the method used to contact the customer about the work order. For example, CELL_PHONE, HOME_PHONE, EMAIL.
	last_cust_notice	DATETIME	YES	The most recent contact record information between the store and the work order customer.
	cost	NUMERIC (17,6)	YES	The associated charge.
	invoice_number	VARCHAR (60)	YES	A unique identifier for the invoice.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_work_order_acct Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cwo_work_order_acct	Identifying

cwo_work_order_acct_journal

Contains work order account history information for each work order account providing an audit trail.

cwo_work_order_acct_journal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_acct_code	VARCHAR (30)	NO	The unique identifier for a type of customer account. WORK_ORDER
X	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account.
X	journal_seq	BIGINT	NO	The sequence number of a journal entry.
	total_value	NUMERIC (17,6)	YES	The dollar amount value for the items in the work order account.
	estimated_completion_date	DATETIME	YES	The approximate date that the work order item repairs will be finished.
	approved_work_amt	NUMERIC (17,6)	YES	The dollar amount pre-approved by the customer for this work order item below which no further approval is required.
	approved_work_date	DATETIME	YES	The date the customer approved the work order amount.
	priority_code	VARCHAR (30)	YES	The code denoting the urgency of the work order. For example, STANDARD, URGENT, ASAP.
	price_code	VARCHAR (30)	YES	The code denoting the pricing for the work order account. For example, CHARGEABLE, NO_CHARGE, FULL_WARRANTY, PARTIAL_WARRANTY.
	category_id	VARCHAR (60)	YES	The identifier for the work order category. For example, WATCH_REPAIR.
	contact_method	VARCHAR (30)	YES	The method used to contact the customer about the work order. For example, CELL_PHONE, HOME_PHONE, EMAIL.
	last_cust_notice	DATETIME	YES	The most recent contact record information between the store and the work order customer.
	service_loc_id	VARCHAR (60)	YES	The identifier for the work order service location.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_work_order_acct_journal Relationships

Parent Entity	Child Entity	Type
cat_cust_acct	cwo_work_order_acct_journal	Identifying

cwo_work_order_category

Contains information for each work order category, allowing tasks to be classified into categories.

cwo_work_order_category Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	category_id	VARCHAR (60)	NO	The identifier for the work order category. For example, WATCH_REPAIR.
	org_code	VARCHAR (30)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123
	org_value	VARCHAR (60)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	description	VARCHAR (254)	YES	The text description of the work order category.
	prompt_for_price_code_flag	BIT	YES	If true, prompt for a price for this work order category.
	max_item_count	NUMERIC (11,4)	YES	The maximum number of items that can be added to a work order account.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_work_order_category Relationships

Parent Entity	Child Entity	Type
cwo_work_order_category	cwo_category_service_loc	Identifying
cwo_work_order_category	cwo_work_order_category_p	Identifying
cwo_work_order_category	cwo_task	Non-Identifying

[cwo_work_order_category_p](#)

Contains property code and value information for table CWO_WORK_ORDER_CATEGORY.

cwo_work_order_category_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	category_id	VARCHAR (60)	NO	The identifier for the work order category. For example, WATCH_REPAIR.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CWO_WORK_ORDER_CATEGORY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_work_order_category_p Relationships

Parent Entity	Child Entity	Type
cwo_work_order_category	cwo_work_order_category_p	Identifying

cwo_work_order_line_item

Contains the work order line item information.

cwo_work_order_line_item Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	price_status_enum	VARCHAR (30)	YES	A code for the type of pricing associated with the work order category; ACTUAL, ESTIMATE.
	instructions	VARCHAR (254)	YES	Text information for this line item.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_work_order_line_item Relationships

Parent Entity	Child Entity	Type
trl_rtrans_lineitm	cwo_work_order_line_item	Identifying

cwo_work_order_pricing

Assigns a price to a work order task for each price code.

cwo_work_order_pricing Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	price_code	VARCHAR (30)	NO	The code denoting the pricing for the work order account. For example, CHARGEABLE, NO_CHARGE, FULL_WARRANTY, PARTIAL_WARRANTY.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for the work order item/task.
	price	NUMERIC (17,6)	YES	The dollar amount associated with the price code item Id.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_work_order_pricing Relationships

Parent Entity	Child Entity	Type
cwo_price_code	cwo_work_order_pricing	Identifying
itm_item	cwo_work_order_pricing	Identifying
cwo_work_order_pricing	cwo_work_order_pricing_p	Identifying

cwo_work_order_pricing_p

Contains property code and value information for table CWO_WORK_ORDER_PRICING.

cwo_work_order_pricing_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	price_code	VARCHAR (30)	NO	The code denoting the pricing for the work order account. For example, CHARGEABLE, NO_CHARGE, FULL_WARRANTY, PARTIAL_WARRANTY.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for the work order item/task.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table CWO_WORK_ORDER_PRICING (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

cwo_work_order_pricing_p Relationships

Parent Entity	Child Entity	Type
cwo_work_order_pricing	cwo_work_order_pricing_p	Identifying

Domain: DOC

Documents Issued and Collected

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

doc_document

Defines a document to be collected or issued as part of a sale transaction.

doc_document Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	document_type	VARCHAR (30)	NO	Identifier for the type of document (BOUNCE_BACK_COUPON, REBATE, or GIFT_CARD).
X	series_id	VARCHAR (60)	NO	An identifier for a specific run of documents. For rebates, this is usually the item Id.
X	document_id	VARCHAR (60)	NO	A unique identifier for a document.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. For example: for store 123, the level_code will be STORE and the level_value will be 123.
	document_status	VARCHAR (30)	YES	The status of the document. For example, ISSUED, REDEEMED, VOID.
	issue_date	DATETIME	YES	The date the document is issued.
	effective_date	DATETIME	YES	The date on which the document became operative.
	expiration_date	DATETIME	YES	The date and time after which the document is no longer valid.
	amount	NUMERIC (17,6)	YES	If the document is amount based, this field will contain the dollar amount.
	percentage	NUMERIC (17,6)	YES	If the document is percentage based, this field will contain the percentage value.
	max_amount	NUMERIC (17,6)	YES	If the document is percentage based, this field will contain the maximum dollar amount of this document.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

doc_document Relationships

Parent Entity	Child Entity	Type
doc_document_definition	doc_document	Identifying
doc_document	doc_document_p	Identifying

doc_document_def_properties

Contains properties information used for tracking documents that have been issued or collected, such as bounce back coupons and rebates (the key-value based properties of the document).

doc_document_def_properties Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	document_type	VARCHAR (30)	NO	Identifier for the type of document (BOUNCE_BACK_COUPON, REBATE, or GIFT_CARD).
X	series_id	VARCHAR (60)	NO	An identifier for a specific run of documents.
X	doc_seq_nbr	INTEGER	NO	The sequence number within the series to keep it unique.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. For example: for store 123, the level_code will be STORE and the level_value will be 123.
	property_code	VARCHAR (30)	YES	Identifier of the property associated with the document (key/value pair).
	type	VARCHAR (30)	YES	The data type (STRING, BOOLEAN, DATE, DECIMAL).
	string_value	VARCHAR (254)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

doc_document_def_properties Relationships

Parent Entity	Child Entity	Type
doc_document_definition	doc_document_def_properties	Identifying
doc_document_def_properties	doc_document_def_properties_p	Identifying

doc_document_def_properties_p

Contains property code and value information for table DOC_DOCUMENT_DEF_PROPERTIES.

doc_document_def_properties_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	document_type	VARCHAR (30)	NO	Identifier for the type of document (BOUNCE_BACK_COUPON, REBATE, or GIFT_CARD).
X	series_id	VARCHAR (60)	NO	An identifier for a specific run of documents.
X	doc_seq_nbr	INTEGER	NO	The sequence number within the series to keep it unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table DOC_DOCUMENT_DEF_PROPERTIES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

doc_document_def_properties_p Relationships

Parent Entity	Child Entity	Type
doc_document_def_properties	doc_document_def_properties_p	Identifying

doc_document_definition

Defines a specific series of a document type.

doc_document_definition Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	series_id	VARCHAR (60)	NO	An identifier for a specific run of documents. For rebates, this is usually the item Id.
X	document_type	VARCHAR (30)	NO	Identifier for the type of document (BOUNCE_BACK_COUPON, REBATE, or GIFT_CARD).
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. For example: for store 123, the level_code will be STORE and the level_value will be 123.
	start_issue_date	DATETIME	YES	The date and time when the document can be issued a transaction.
	end_issue_date	DATETIME	YES	The date and time after which the document may no longer be issued in a transaction.
	start_redeem_date	DATETIME	YES	The date and time when the document can be redeemed in a transaction.
	end_redeem_date	DATETIME	YES	The date and time after which the document may no longer be redeemed in a transaction.
	receipt_type	VARCHAR (30)	YES	A document Id defined in RcptConfig.xml. Defining this will cause a receipt to be printed. For example, GENERIC_REBATE_RECEIPT.
	segment_type	VARCHAR (30)	YES	The type of receipt segment to be printed on a receipt. Used in RcptConfig.xml to enable a receipt section configured with the same type. For example, GENERIC_REBATE_SEGMENT.
	text_code_value	VARCHAR (30)	YES	The value used to retrieve text from the com_receipt_text table; for both receipt type and segment type. Used from RcptConfig.xml in a textblock to tie in a block of text from com_receipt_text. This field ties to com_receipt_text.text_code_value.
	file_name	VARCHAR (254)	YES	The location of the pdf file on the hard drive.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	vendor_id	VARCHAR (60)	YES	The unique identifier for the vendor as related to the document. Used for lookups when reprinting documents.
	description	VARCHAR (254)	YES	The document description. Used for lookups when reprinting documents.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

doc_document_definition Relationships

Parent Entity	Child Entity	Type
itm_vendor	doc_document_definition	Non-Identifying
doc_document_definition	doc_document	Identifying
doc_document_definition	doc_document_def_properties	Identifying
doc_document_definition	doc_document_definition_p	Identifying

doc_document_definition_p

Contains property code and value information for table DOC_DOCUMENT_DEFINITION.

doc_document_definition_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	series_id	VARCHAR (60)	NO	An identifier for a specific run of documents. For rebates, this is usually the item Id.
X	document_type	VARCHAR (30)	NO	Identifier for the type of document (BOUNCE_BACK_COUPON, REBATE, or GIFT_CARD).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table DOC_DOCUMENT_DEFINITION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

doc_document_definition_p Relationships

Parent Entity	Child Entity	Type
doc_document_definition	doc_document_definition_p	Identifying

doc_document_lineitm

Contains the tracking information for the issuance or collection of a document in a transaction.

doc_document_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	document_id	VARCHAR (60)	YES	A unique identifier for a document.
	document_type	VARCHAR (30)	YES	Identifier for the type of document (BOUNCE_BACK_COUPON, etc.).
	series_id	VARCHAR (60)	YES	An identifier for a specific run of documents.
	activity_code	VARCHAR (30)	YES	The activity code (ISSUED, REDEEMED, etc.) for the sale line item.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

doc_document_lineitm Relationships

Parent Entity	Child Entity	Type
trl_rtrans	doc_document_lineitm	Identifying

doc_document_p

Contains properties information used for tracking documents such as rain checks (price, quantity, and item Id for rain checks).

doc_document_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	document_type	VARCHAR (30)	NO	Identifier for the type of document (BOUNCE_BACK_COUPON, REBATE, or GIFT_CARD).
X	series_id	VARCHAR (60)	NO	An identifier for a specific run of documents. For rebates, this is usually the item Id.
X	document_id	VARCHAR (60)	NO	An identifier for a specific document.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with the document (key/value pair).
	type	VARCHAR (30)	YES	The data type (STRING, BOOLEAN, DATE, or DECIMAL).
	string_value	VARCHAR (MAX)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

doc_document_p Relationships

Parent Entity	Child Entity	Type
doc_document	doc_document_p	Identifying

Domain: DSC

Discount Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

dsc_coupon_xref

Contains information about how a particular coupon should be processed (tender or discount). This coupon type relates to manually applied discounts. If no tnrd_id or discount_code is specified, it will be interpreted as a deal coupon, a trl_coupon_lineitm entry will be created and deal trigger will be added to the transaction. To tie a deal to a coupon, create an entry in prc_deal_trig in the form "COUPON:STORE_COUPON:1234" where dsc_coupon_xref.coupon_type = 'STORE_COUPON' and dsc_coupon_xref.coupon_serial_nbr = '1234'

dsc_coupon_xref Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	coupon_serial_nbr	VARCHAR (254)	NO	The serial number of the coupon.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	discount_code	VARCHAR (60)	YES	A code which uniquely identifies a discount. Note: A value must be specified for either discount_code or tnrd_id.
	tnrd_id	VARCHAR (60)	YES	A code which uniquely identifies the tender (From tnd_tender.tnrd_id.). For Example: CORP_COUPON, MANUFACTURER_COUPON. Note: A value must be specified for either discount_code or tnrd_id.
	coupon_type	VARCHAR (60)	YES	A code for the type of coupon. For example, STORE_COUPON.
	serialized_flag	BIT	YES	If true, this is a serialized coupon type.
	effective_date	DATETIME	YES	The date and time the coupon may be applied.
	expiration_date	DATETIME	YES	The date and time after which the coupon is no longer valid.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_coupon_xref Relationships

Parent Entity	Child Entity	Type
dsc_discount	dsc_coupon_xref	Non-Identifying
tnd_tndr	dsc_coupon_xref	Non-Identifying
dsc_coupon_xref	dsc_coupon_xref_p	Identifying

dsc_coupon_xref_p

Contains property code and value information for table DSC_COUPON_XREF.

dsc_coupon_xref_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	coupon_serial_nbr	VARCHAR (254)	NO	The serial number of the coupon.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table DSC_COUPON_XREF (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_coupon_xref_p Relationships

Parent Entity	Child Entity	Type
dsc_coupon_xref	dsc_coupon_xref_p	Identifying

dsc_disc_type_eligibility

Contains information about sale line item transaction types that are eligible for a particular discount.

dsc_disc_type_eligibility Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	sale_lineitm_typcode	VARCHAR (30)	NO	Code representing a type of sale line item (SALE, RETURN, LAYAWAY, SEND_SALE, SPECIAL_ORDER) that is eligible for a discount.
	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_disc_type_eligibility Relationships

Parent Entity	Child Entity	Type
dsc_discount	dsc_disc_type_eligibility	Identifying
dsc_disc_type_eligibility	dsc_disc_type_eligibility_p	Identifying

dsc_disc_type_eligibility_p

Contains property code and value information for table DSC_DISC_TYPE_ELIGIBILITY.

dsc_disc_type_eligibility_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	sale_lineitm_typcode	VARCHAR (30)	NO	Code representing a type of sale line item (SALE, RETURN, LAYAWAY, SEND_SALE, SPECIAL_ORDER) that is eligible for a discount.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table DSC_DISC_TYPE_ELIGIBILITY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_disc_type_eligibility_p Relationships

Parent Entity	Child Entity	Type
dsc_disc_type_eligibility	dsc_disc_type_eligibility_p	Identifying

dsc_discount

Contains information about the reduction in the selling price that is normally charged as an expense to the retail store's general ledger. Can be applied by transaction line item or to the whole transaction. Discounts must be manually applied by the cashier. This differs from deals which are automatically applied by the system, requiring no cashier action.

dsc_discount Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
	effective_datetime	DATETIME	NO	The date and time before which the discount may not be applied.
	expr_datetime	DATETIME	YES	The date and time after which the discount is no longer valid.
	typcode	VARCHAR (30)	YES	A code to denote the type of discount. AWARD, BOUNCE_BACK_COUPON, COUPON, COUPON_VOUCHER, DISCOUNT, SMART_COUPON
	app_mthd_code	VARCHAR (30)	NO	A code denoting how the discount should be applied: LINE ITEM, TRANSACTION, GROUP.
	percentage	NUMERIC (6,4)	YES	The percent by which the item price should be reduced.
	description	VARCHAR (254)	YES	A text description of the discount.
	calculation_mthd_code	VARCHAR (30)	NO	A code denoting the method used to calculate the amount of the discount. For example, PROMPT_AMOUNT, PROMPT_PERCENT, PERCENT, AMOUNT, PROMPT_NEW_PRICE.
	prompt	VARCHAR (254)	YES	A translation key for a message to be displayed when this discount is added.
	sound	VARCHAR (254)	YES	The file name of a sound to be played when this discount is added.
	max_trans_count	INTEGER	YES	The maximum number of times that the discount may be applied in a single transaction.
	exclusive_discount_flag	BIT	YES	If true, this discount may not be applied with any other discount.
	privilege_type	VARCHAR (60)	YES	The security privilege associated with this discount.
	discount	NUMERIC (17,6)	YES	Amount of the discount. *A value must be specified for either Discount or Percentage.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	dtv_class_name	VARCHAR (254)	YES	Metadata column that denotes the java concrete implementation of the record.
	min_eligible_price	NUMERIC (17,6)	YES	The minimum price that an item/transaction must meet in order to receive the discount.
	serialized_discount_flag	BIT	YES	If true, this discount has an associated serial number. For example, may be used with coupon discounts.
	taxability_code	VARCHAR (30)	YES	Valid value: "POST_TAX" or "PRE_TAX"/"DEFAULT". When "POST_TAX", the tax will be calculated before the discount is applied. For any other value, the tax will be calculated after the discount is applied.
	max_discount	NUMERIC (17,6)	YES	If the discount is percentage based, this field will contain the maximum discount dollar amount of this discount.
	sort_order	INTEGER	YES	Determine the order in which a list is sorted.
	disallow_change_flag	BIT	YES	If true, the discount cannot be modified.
	max_amount	DECIMAL (17,6)	YES	Max amount for prompt for amounts.
	max_percentage	DECIMAL (17,6)	YES	Max percentage for prompt for percentage.
	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_discount Relationships

Parent Entity	Child Entity	Type
dsc_discount	dsc_disc_type_eligibility	Identifying
dsc_discount	dsc_discount_compatibility	Identifying
dsc_discount	dsc_discount_compatibility	Identifying

Parent Entity	Child Entity	Type
dsc_discount	dsc_discount_group_mapping	Identifying
dsc_discount	dsc_discount_item_exclusions	Identifying
dsc_discount	dsc_discount_item_inclusions	Identifying
dsc_discount	dsc_discount_p	Identifying
dsc_discount	dsc_coupon_xref	Non-Identifying

dsc_discount_compatibility

Contains information about the compatibility between two discounts. By default, discounts are not compatible. This table defines the discounts that are compatible with each other and can therefore be applied concurrently. If a relationship exists in this table for a new discount (Primary Discount Code) being applied to an existing discount (Compatible Discount Code), both discounts will be applied. If no relationship exists for a new discount being applied, the first discount will be discarded and the new discount will be applied.

dsc_discount_compatibility Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	primary_discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	compatible_discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_discount_compatibility Relationships

Parent Entity	Child Entity	Type
dsc_discount	dsc_discount_compatibility	Identifying
dsc_discount	dsc_discount_compatibility	Identifying
dsc_discount_compatibility	dsc_discount_compatibility_p	Identifying

dsc_discount_compatibility_p

Contains property code and value information for table DSC_DISCOUNT_COMPATIBILITY.

dsc_discount_compatibility_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	primary_discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	compatible_discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table DSC_DISCOUNT_COMPATIBILITY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_discount_compatibility_p Relationships

Parent Entity	Child Entity	Type
dsc_discount_compatibility	dsc_discount_compatibility_p	Identifying

dsc_discount_group_mapping

Contains information for mapping a discount to a customer group.

dsc_discount_group_mapping Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_group_id	VARCHAR (60)	NO	A unique identification number assigned to a customer group.
X	discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_discount_group_mapping Relationships

Parent Entity	Child Entity	Type
dsc_discount	dsc_discount_group_mapping	Identifying
dsc_discount_group_mapping	dsc_discount_group_mapping_p	Identifying

dsc_discount_group_mapping_p

Contains property code and value information for table DSC_DISCOUNT_GROUP_MAPPING.

dsc_discount_group_mapping_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	cust_group_id	VARCHAR (60)	NO	A unique identification number assigned to a customer group.
X	discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table DSC_DISCOUNT_GROUP_MAPPING (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_discount_group_mapping_p Relationships

Parent Entity	Child Entity	Type
dsc_discount_group_mapping	dsc_discount_group_mapping_p	Identifying

dsc_discount_item_exclusions

Contains information about items that are excluded from a particular discount.

dsc_discount_item_exclusions Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_discount_item_exclusions Relationships

Parent Entity	Child Entity	Type
dsc_discount	dsc_discount_item_exclusions	Identifying
itm_item	dsc_discount_item_exclusions	Identifying
dsc_discount_item_exclusions	dsc_discount_item_exclusions_p	Identifying

dsc_discount_item_exclusions_p

Contains property code and value information for table DSC_DISCOUNT_ITEM_EXCLUSIONS.

dsc_discount_item_exclusions_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table DSC_DISCOUNT_ITEM_EXCLUSIONS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_discount_item_exclusions_p Relationships

Parent Entity	Child Entity	Type
dsc_discount_item_exclusions	dsc_discount_item_exclusions_p	Identifying

dsc_discount_item_inclusions

Contains information about items that are included in a particular discount.

dsc_discount_item_inclusions Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_discount_item_inclusions Relationships

Parent Entity	Child Entity	Type
dsc_discount	dsc_discount_item_inclusions	Identifying
itm_item	dsc_discount_item_inclusions	Identifying
dsc_discount_item_inclusions	dsc_discount_item_inclusions_p	Identifying

dsc_discount_item_inclusions_p

Contains property code and value information for table DSC_DISCOUNT_ITEM_INCLUSIONS.

dsc_discount_item_inclusions_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table DSC_DISCOUNT_ITEM_INCLUSIONS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_discount_item_inclusions_p Relationships

Parent Entity	Child Entity	Type
dsc_discount_item_inclusions	dsc_discount_item_inclusions_p	Identifying

dsc_discount_p

Contains property code and value information for table DSC_DISCOUNT.

dsc_discount_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	discount_code	VARCHAR (60)	NO	A code that uniquely identifies a discount.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table DSC_DISCOUNT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

dsc_discount_p Relationships

Parent Entity	Child Entity	Type
dsc_discount	dsc_discount_p	Identifying

Domain: HRS

Employee/Timeclock Entities

[For Entity Relationship diagrams, see Appendix A: Entity Relationship Diagrams on page 1058.](#)

hrs_employee

Contains information about an individual that works for a retail store, accepts direction from the retail store management, and satisfies the statutory criteria requiring that payroll taxes and benefit contributions be paid by the retailer.

hrs_employee Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
	party_id	BIGINT	YES	A unique, automatically assigned identity for a party.
	login_id	VARCHAR (60)	YES	Used with an “over writable” login capability. SystemConfig can specify the ip_type to log in with; either employee_id or the login_id specified here.
	sick_days_used	NUMERIC (11,2)	YES	The number of sick days the employee has taken.
	hire_date	DATETIME	YES	The date that the employee was hired.
	active_date	DATETIME	YES	The date on which the employee became active.
	terminated_date	DATETIME	YES	The date the employee was separated from the organization.
	job_title	VARCHAR (254)	YES	The employee's job title.
	base_pay	NUMERIC (17,6)	YES	The rate of pay for the employee.
	add_date	DATETIME	YES	The date the employee was added to the system.
	marital_status	VARCHAR (30)	YES	A code that describes an employee's current marital status. For example, married, single, etc.
	spouse_name	VARCHAR (254)	YES	The name of the employee's spouse.
	emergency_contact_name	VARCHAR (254)	YES	The name of the person to be contacted in an emergency.
	emergency_contact_phone	VARCHAR (32)	YES	The phone number of the person to be contacted in an emergency.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	last_review_date	DATETIME	YES	The date on which the employee received his/her last performance review.
	next_review_date	DATETIME	YES	The date on which the employee is due for his/her next performance review.
	additional_withholdings	NUMERIC (17,6)	YES	The dollar amount that should be withheld from pay in addition to the withholdings required by law.
	vacation_days	NUMERIC (11,2)	YES	The number of vacation days the employee is eligible for.
	vacation_days_used	NUMERIC (11,2)	YES	The number of vacation days the employee has taken.
	sick_days	NUMERIC (11,2)	YES	The number of sick days the employee is eligible for.
	personal_days	NUMERIC (11,2)	YES	The number of personal days the employee is eligible for.
	personal_days_used	NUMERIC (11,2)	YES	The number of personal days the employee has taken.
	clock_in_not_req_flag	BIT	YES	If true, the employee is not required to clock in to access the system.
	employee_pay_status	VARCHAR (30)	YES	The pay status of the employee. For example, hourly, salaried, etc.
	employee_role_code	VARCHAR (30)	YES	The role the employee plays in the store.
	employee_statcode	VARCHAR (30)	YES	The status of the employee (Terminated, Active, etc.).
	clocked_in_flag	BIT	YES	True if the employee is currently clocked in to the system.
	work_code	VARCHAR (30)	YES	A code for a work classification group to which employees are assigned.
	group_membership	VARCHAR (MAX)	YES	Base 64 encoded group membership of the employee. Determines security permissions.
	primary_group	VARCHAR (60)	YES	The fundamental group to which this employee belongs. For example EVERYONE, CASHIER, MANAGER SALESPERSON.
	department_id	VARCHAR (60)	YES	A unique identifier for the POS selling location within the store.
	employee_typcode	VARCHAR (30)	YES	A user-defined classification for an employee. For example, cashier, salesperson, janitor, etc.
	training_status_enum	VARCHAR (30)	YES	Code denoting the training status of the employee. When in restricted training mode, the employee will not be able to access non-training register/back office functions. Valid values include EXEMPT, RESTRICTED_TRAINEE, and UNRESTRICTED_TRAINEE.
	locked_out_flag	BIT	YES	If true, the employee is not allowed to access the system.
	locked_out_timestamp	DATETIME	YES	The date and time the employee was locked out of the system.
	overtime_eligible_flag	BIT	YES	If true, the employee is eligible for overtime work hours and compensation.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	employee_group_id	VARCHAR (60)	YES	A unique identification number assigned to an employee group.
	employee_work_status	VARCHAR (30)	YES	A code that represents the current state of an employee assignment.
	keyed_offline_flag	BIT	YES	If true, indicates this record was modified while in offline mode.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee Relationships

Parent Entity	Child Entity	Type
crm_party	hrs_employee	Non-Identifying
hrs_employee	hrs_employee_answers	Identifying
hrs_employee	hrs_employee_fingerprint	Identifying
hrs_employee	hrs_employee_notes	Identifying
hrs_employee	hrs_employee_p	Identifying
hrs_employee	hrs_employee_password	Identifying
hrs_employee	hrs_employee_store	Identifying
hrs_employee	sch_emp_time_off	Identifying
hrs_employee	sch_schedule	Identifying

hrs_employee_answers

Contains the password challenge and answer.

hrs_employee_answers Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	challenge_code	VARCHAR (60)	NO	The challenge question code.
	challenge_answer	VARCHAR (MAX)	YES	The answer to the question.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_answers Relationships

Parent Entity	Child Entity	Type
hrs_employee	hrs_employee_answers	Identifying
hrs_employee_answers	hrs_employee_answers_p	Identifying

[hrs_employee_answers_p](#)

Contains property code and value information for table HRS_EMPLOYEE_ANSWERS.

hrs_employee_answers_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	challenge_code	VARCHAR (60)	NO	The challenge question code.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table HRS_EMPLOYEE_ANSWERS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_answers_p Relationships

Parent Entity	Child Entity	Type
hrs_employee_answers	hrs_employee_answers_p	Identifying

hrs_employee_fingerprint

Contains employee fingerprint recognition information.

hrs_employee_fingerprint Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	fingerprint_seq	INTEGER	NO	Sequence number within the table to keep the fingerprint record ordered and unique.
	fingerprint_storage	VARCHAR (MAX)	YES	The biometric data for the fingerprint.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_fingerprint Relationships

Parent Entity	Child Entity	Type
hrs_employee	hrs_employee_fingerprint	Identifying
hrs_employee_fingerprint	hrs_employee_fingerprint_p	Identifying

[hrs_employee_fingerprint_p](#)

Contains property code and value information for table HRS_EMPLOYEE_FINGERPRINT.

hrs_employee_fingerprint_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	fingerprint_seq	INTEGER	NO	Sequence number within the table to keep the fingerprint record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table HRS_EMPLOYEE_FINGERPRINT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_fingerprint_p Relationships

Parent Entity	Child Entity	Type
hrs_employee_fingerprint	hrs_employee_fingerprint_p	Identifying

hrs_employee_message

Contains employee message information. Messages can be store-based or register-based, and provide the ability for both the corporate office and the store managers to share information with all employees.

hrs_employee_message Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	message_id	BIGINT	NO	The unique message identifier.
	start_date	DATETIME	YES	The date the message is to be displayed.
	end_date	DATETIME	YES	The date the message is no longer displayed.
	priority	VARCHAR (20)	YES	The message priority (LOW, MEDIUM, HIGH).
	content	VARCHAR (MAX)	YES	The message text.
	store_created_flag	BIT	YES	If true, this employee message was created in the store.
	wkstn_specific_flag	BIT	YES	If true, the message will be displayed on a specific workstation. If false, the message will be displayed on all workstations.
	wkstn_id	BIGINT	YES	If wkstn_specific_flag is set to true, the workstation where the message is displayed.
	org_code	VARCHAR (30)	NO	The organization level code based on the defined customer's store structure (STORE, DISTRICT, REGION, CHAIN, etc.).
	org_value	VARCHAR (60)	NO	The value for the organization level code. For example: for store 123, the level_code will be STORE and the level_value will be 123.
	message_url	VARCHAR (254)	YES	The associate information box should be able to support a hyperlink that when selected would take the user to the designated website.
	void_flag	BIT	YES	If true, the message has been deleted.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_message Relationships

Parent Entity	Child Entity	Type
hrs_employee_message	hrs_employee_message_p	Identifying

hrs_employee_message_p

Contains property code and value information for table HRS_EMPLOYEE_MESSAGE.

hrs_employee_message_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	message_id	BIGINT	NO	The unique message identifier.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table HRS_EMPLOYEE_MESSAGE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_message_p Relationships

Parent Entity	Child Entity	Type
hrs_employee_message	hrs_employee_message_p	Identifying

hrs_employee_notes

Contains a collection of comments for an employee.

hrs_employee_notes Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee. The employee Id of the person the note is about.
X	note_seq	BIGINT	NO	Sequence number within the table to keep the employee notes ordered and unique.
	note	VARCHAR (MAX)	YES	The text of the note.
	creator_party_id	BIGINT	YES	The person who made the note.
	note_timestamp	DATETIME	YES	The date and time the note was created.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_notes Relationships

Parent Entity	Child Entity	Type
hrs_employee	hrs_employee_notes	Identifying
crm_party	hrs_employee_notes	Non-Identifying
hrs_employee_notes	hrs_employee_notes_p	Identifying

hrs_employee_notes_p

Contains property code and value information for table HRS_EMPLOYEE_NOTES.

hrs_employee_notes_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee. The employee Id of the person the note is about.
X	note_seq	BIGINT	NO	Sequence number within the table to keep the employee notes ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table HRS_EMPLOYEE_NOTES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_notes_p Relationships

Parent Entity	Child Entity	Type
hrs_employee_notes	hrs_employee_notes_p	Identifying

hrs_employee_p

Contains property code and value information for table HRS_EMPLOYEE.

hrs_employee_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table HRS_EMPLOYEE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_p Relationships

Parent Entity	Child Entity	Type
hrs_employee	hrs_employee_p	Identifying

hrs_employee_password

Contains employee password information. Passwords are stored here using a one-way hash. Note: Xstore is able to detect which hashing algorithm was used for a given record, so it is possible for a mix of algorithms to be stored in the same database. For storing new passwords, the Store/SystemConfig/NewPasswordHashType setting in SystemConfig.xml specifies which algorithm to use. The valid values are "Crypt" (not recommended), "Sha" (used to support passwords imported from an external password source), and "Ssha" (currently recommended option for new passwords).

hrs_employee_password Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	password_seq	BIGINT	NO	Used to determine the historical passwords to be checked when a password is changed. The first time a password is created for a user, the value should be 1. Each new password should use the value of the previous password plus 1.
	password	VARCHAR (254)	YES	A sequence of characters which permit the operator to access specific resources and workstations within the retail store.
	effective_date	DATETIME	NO	Indicates the date on which the password was created and is also used to determine the age of passwords.
	temp_password_flag	BIT	NO	If true, indicates that the password is a temporary password. When a temporary password is changed, the temp_password_flag will be set to false and the existing record will have its password updated.
	current_password_flag	BIT	NO	If true, indicates this is the current password.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_password Relationships

Parent Entity	Child Entity	Type
hrs_employee	hrs_employee_password	Identifying
hrs_employee_password	hrs_employee_password_p	Identifying

hrs_employee_password_p

Contains property code and value information for table HRS_EMPLOYEE_PASSWORD.

hrs_employee_password_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	password_seq	BIGINT	NO	Used to determine the historical passwords to be checked when a password is changed. The first time a password is created for a user, the value should be 1. Each new password should use the value of the previous password plus 1.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table HRS_EMPLOYEE_PASSWORD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_password_p Relationships

Parent Entity	Child Entity	Type
hrs_employee_password	hrs_employee_password_p	Identifying

hrs_employee_store

Contains information for the assignment of an employee to a particular store, providing the ability for an employee to log on to the Xstore system in the designated store during the given date range. Without a valid employee store record, an employee will not be permitted to log on to Xstore.

hrs_employee_store Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	The unique identifier for a specific retail store within the organization for this employee assignment.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	employee_store_seq	INTEGER	NO	Sequence number within the table to keep the employee store record ordered and unique.
	begin_date	DATETIME	YES	The date and time the employee assignment begins.
	end_date	DATETIME	YES	The date and time the employee assignment ends.
	temp_assignment_flag	BIT	YES	If true, indicates this is a temporary assignment.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_store Relationships

Parent Entity	Child Entity	Type
hrs_employee	hrs_employee_store	Identifying
loc rtl loc	hrs_employee_store	Identifying
hrs_employee_store	hrs_employee_store_p	Identifying

[hrs_employee_store_p](#)

Contains property code and value information for table HRS_EMPLOYEE_STORE.

hrs_employee_store_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	The unique identifier for a specific retail store within the organization for this employee assignment.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	employee_store_seq	INTEGER	NO	Sequence number within the table to keep the employee store record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table HRS_EMPLOYEE_STORE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_store_p Relationships

Parent Entity	Child Entity	Type
hrs_employee_store	hrs_employee_store_p	Identifying

hrs_employee_task

Contains information about corporate or store task assignments to be completed by all store employees, a specific employee, or a group of employees.

hrs_employee_task Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	The unique identifier for a specific retail store within the organization for this employee task.
X	task_id	BIGINT	NO	The unique identifier for the task.
	start_date	DATETIME	YES	The date the task should be started.
	end_date	DATETIME	YES	The date the task should be finished.
	complete_date	DATETIME	YES	The date the task was completed.
	typcode	VARCHAR (60)	YES	A generic code for the type of task (client-defined).
	visibility	VARCHAR (30)	YES	Who can see the task: STORE, EMPLOYEE GROUP, EMPLOYEE
	assignment_id	VARCHAR (60)	YES	The identifier for the specific visibility target: Employee Group Id or Employee Id. If targeted to the entire store, leave blank.
	store_created_flag	BIT	YES	If true, this employee task record was created in the store.
	title	VARCHAR (255)	YES	A short summary description of the task.
	description	VARCHAR (MAX)	YES	A detailed description of the task.
	priority	VARCHAR (20)	YES	The task priority: LOW, MEDIUM, HIGH.
	status_code	VARCHAR (30)	YES	The task status: OPEN, COMPLETE (default="OPEN")
	void_flag	BIT	YES	If true, the task has been deleted.
	party_id	BIGINT	YES	Stores the customer's party id if the task is associated to customer.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_task Relationships

Parent Entity	Child Entity	Type
loc rtl loc	hrs_employee_task	Identifying
hrs_employee_task	hrs_employee_task_notes	Identifying
hrs_employee_task	hrs_employee_task_p	Identifying

[hrs_employee_task_notes](#)

Contains a collection of comments for an employee task.

hrs_employee_task_notes Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	The unique identifier for a specific retail store within the organization for this employee task.
X	task_id	BIGINT	NO	The unique identifier for the task.
X	note_seq	BIGINT	NO	Sequence number within the table to keep the employee task notes ordered and unique.
	note	VARCHAR (MAX)	YES	The text of the note.
	creator_party_id	BIGINT	YES	The person who made the note.
	note_timestamp	DATETIME	YES	The date and time the note was created.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_task_notes Relationships

Parent Entity	Child Entity	Type
hrs_employee_task	hrs_employee_task_notes	Identifying
crm_party	hrs_employee_task_notes	Non-Identifying
hrs_employee_task_notes	hrs_employee_task_notes_p	Identifying

[hrs_employee_task_notes_p](#)

Contains property code and value information for table HRS_EMPLOYEE_TASK_NOTES.

hrs_employee_task_notes_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	The unique identifier for a specific retail store within the organization for this employee task.
X	task_id	BIGINT	NO	The unique identifier for the task.
X	note_seq	BIGINT	NO	Sequence number within the table to keep the employee task notes ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table HRS_EMPLOYEE_TASK_NOTES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_task_notes_p Relationships

Parent Entity	Child Entity	Type
hrs_employee_task_notes	hrs_employee_task_notes_p	Identifying

hrs_employee_task_p

Contains property code and value information for table HRS_EMPLOYEE_TASK.

hrs_employee_task_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	The unique identifier for a specific retail store within the organization for this employee task.
X	task_id	BIGINT	NO	The unique identifier for the task.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table HRS_EMPLOYEE_TASK (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_employee_task_p Relationships

Parent Entity	Child Entity	Type
hrs_employee_task	hrs_employee_task_p	Identifying

hrs_work_codes

Contains employee work code information. Work codes can be used to identify the type of activity being performed by a system user while they are clocked in to the system (for example: Selling, Stock, Inventory, Floor Set).

hrs_work_codes Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	work_code	VARCHAR (30)	NO	A code for a work classification group to which employees are assigned. ADMIN, DEMO, EVENT, HOLIDAY_SALES, INVENTORY, LUNCH_BREAK, SALES, CASHIER
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123)
	description	VARCHAR (254)	YES	A text description for the work code.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	privilege	VARCHAR (60)	YES	An identifier for the permissions associated with this work code. For example, ALL_ACCESS.
	selling_flag	BIT	YES	If true, this work code is counted as selling time.
	payroll_category	VARCHAR (30)	YES	The payroll category code for the associated work code. For example, the Payroll Category "REGULAR" may be associated with the Work Code "CASHIER" and the Payroll Category "OTHER" may be associated with the Work Code "LUNCH BREAK".
	min_clock_in_duration	INTEGER	YES	The minimum number of minutes that a user must be clocked in for this work code before the user is allowed to either clock out or change to a different work code. This restriction is not enforced if this value is NULL or a non-positive value.
	min_clock_out_duration	INTEGER	YES	The minimum number of minutes that must have elapsed with a user in a "clocked-out" state before that user is permitted to clock back in with this work code. This restriction is not enforced if either this value is NULL or a non-positive value, or in any case where the user has not yet clocked in for the current system date.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	hidden_flag	BIT	YES	Determines whether or not this code is displayed to the user. If False or NULL, the code will be displayed. If True, the code will not be displayed.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_work_codes Relationships

Parent Entity	Child Entity	Type
hrs_work_codes	hrs_work_codes_p	Identifying

[hrs_work_codes_p](#)

Contains property code and value information for table HRS_WORK_CODES.

hrs_work_codes_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	work_code	VARCHAR (30)	NO	A code for a work classification group to which employees are assigned. ADMIN, DEMO, EVENT, HOLIDAY_SALES, INVENTORY, LUNCH_BREAK, SALES, CASHIER
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table HRS_WORK_CODES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

hrs_work_codes_p Relationships

Parent Entity	Child Entity	Type
hrs_work_codes	hrs_work_codes_p	Identifying

Domain: INV

Inventory Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

inv_bucket

Contains information about the inventory classification of an item, such as damaged, returned, on_layaway, received_special_orders, send_sale_hold, work_order_items, on_hand, etc.

inv_bucket Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	bucket_id	VARCHAR (60)	NO	The identifier for an inventory item classification. The following buckets are required: ON_HAND, LAYAWAY, SPECIAL_ORDER, WORK_ORDER, AT_VENDOR, SOLD, SHIPPED
	name	VARCHAR (254)	YES	A text description for the bucket. Special Order items being held for customers, Items being held on layaway, Send Sale items being held for shipping, etc.
	function_code	VARCHAR (30)	YES	A code that describes what business activities and functions are performed in a specific bucket.
	adjustment_action	VARCHAR (30)	YES	A code for the type of inventory adjustment made for the bucket (DAMAGED_ADJUSTMENT, RETURNED_ADJUSTMENT, etc.).
	default_location_id	VARCHAR (60)	YES	Used when there is no “sold” bucket location associated with the “on hand” bucket location from which an item was sold. For example, when an item is sold from the ON HAND bucket in location A it is moved to the SOLD bucket in location A. However, if location A does not have a SOLD bucket defined, the item will be moved to the default location.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	system_bucket_flag	BIT	YES	Indicates whether or not this bucket was created by the home office. If true, this bucket was created by the home office.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_bucket Relationships

Parent Entity	Child Entity	Type
loc rtl loc	inv_bucket	Identifying
inv_location	inv_bucket	Non-Identifying
inv_bucket	inv_bucket_p	Identifying
inv_bucket	inv_location_bucket	Identifying
inv_bucket	inv_stock_ledger_acct	Identifying
inv_bucket	inv_invctl_document_lineitm	Non-Identifying
inv_bucket	inv_inventory_journal	Non-Identifying
inv_bucket	inv_inventory_journal	Non-Identifying
inv_bucket	inv_inventory_loc_mod	Non-Identifying
inv_bucket	inv_inventory_loc_mod	Non-Identifying
inv_bucket	inv_movement_pending	Non-Identifying
inv_bucket	inv_movement_pending_detail	Non-Identifying
inv_bucket	inv_movement_pending_detail	Non-Identifying
inv_bucket	trl_inventory_loc_mod	Non-Identifying
inv_bucket	trl_inventory_loc_mod	Non-Identifying

inv_bucket_p

Contains property code and value information for table INV_BUCKET.

inv_bucket_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	bucket_id	VARCHAR (60)	NO	The identifier for an inventory item classification. The following buckets are required: ON_HAND, LAYAWAY, SPECIAL_ORDER, WORK_ORDER, AT_VENDOR, SOLD, SHIPPED
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_BUCKET (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_bucket_p Relationships

Parent Entity	Child Entity	Type
inv_bucket	inv_bucket_p	Identifying

inv_carton

Defines a carton within an inventory control document.

inv_carton Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports. For example, RECEIVING, SHIPPING.
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	carton_id	VARCHAR (60)	NO	The carton identifier.
	carton_statcode	VARCHAR (30)	YES	Status of the carton (OPEN, CLOSED, IN_PROCESS).
	record_creation_type	VARCHAR (30)	YES	Code indicating how this record was created (ALL, HOME_OFFICE, OTHER, or STORE).
	control_number	VARCHAR (254)	YES	The identifier number on the carton.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_carton Relationships

Parent Entity	Child Entity	Type
loc rtl loc	inv_carton	Identifying
inv_carton	inv_carton_p	Identifying
inv_carton	inv_invctl_document_lineitm	Non-Identifying
inv_carton	inv_shipment_lines	Non-Identifying

inv_carton_p

Contains property code and value information for table INV_CARTON.

inv_carton_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports. For example, RECEIVING, SHIPPING.
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	carton_id	VARCHAR (60)	NO	The carton identifier.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_CARTON (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_carton_p Relationships

Parent Entity	Child Entity	Type
inv_carton	inv_carton_p	Identifying

inv_count

Contains summary information for the inventory count.

inv_count Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_count_id	VARCHAR (60)	NO	The sequence-based, auto-generated identifier for the inventory count.
	inv_count_typcode	VARCHAR (60)	NO	The type of inventory count (CYCLE_COUNT, SUPPLY_COUNT, or PHYSICAL_COUNT).
	begin_date	DATETIME	YES	The date the count is supposed to take place.
	end_date	DATETIME	YES	The date the count was completed.
	count_status	VARCHAR (60)	YES	The status of the count (NEW, INITIATED, or COMPLETED).
	store_created_flag	BIT	NO	If true, this count record was created in the store.
	void_flag	BIT	NO	If true, this physical count record has been voided.
	description	VARCHAR (254)	YES	Moved count description.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count Relationships

Parent Entity	Child Entity	Type
loc rtl_loc	inv_count	Identifying
inv_count	inv_count_bucket	Identifying
inv_count	inv_count_p	Identifying
inv_count	inv_count_sheet	Identifying

inv_count_bucket

Contains the count status summary information for each bucket in an inventory count.

inv_count_bucket Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_count_id	VARCHAR (60)	NO	The sequence-based, auto-generated identifier for the inventory count (From inv_count.inv_count_id.).
X	inv_bucket_id	VARCHAR (60)	NO	The unique identifier for an inventory bucket (ON_HAND, LAYAWAY, SPECIAL_ORDER, WORK_ORDER, AT_VENDOR, SOLD, or SHIPPED).
	count_cycle	INTEGER	YES	Indicates the number of times the bucket has been counted in order to reconcile any count variances and complete the count.
	bucket_status	VARCHAR (60)	YES	The status of the bucket within the current count and cycle: PRELIMINARY, PRINTED, SAVED, COMPLETE.
	inv_bucket_name	VARCHAR (60)	YES	A text description for the bucket.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_bucket Relationships

Parent Entity	Child Entity	Type
inv_count	inv_count_bucket	Identifying
inv_count_bucket	inv_count_bucket_p	Identifying
inv_count_bucket	inv_count_snapshot	Identifying

inv_count_bucket_p

Contains property code and value information for table INV_COUNT_BUCKET.

inv_count_bucket_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_count_id	VARCHAR (60)	NO	The sequence-based, auto-generated identifier for the inventory count (From inv_count.inv_count_id.).
X	inv_bucket_id	VARCHAR (60)	NO	The unique identifier for an inventory bucket (ON_HAND, LAYAWAY, SPECIAL_ORDER, WORK_ORDER, AT_VENDOR, SOLD, or SHIPPED).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_COUNT_BUCKET (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_bucket_p Relationships

Parent Entity	Child Entity	Type

Parent Entity	Child Entity	Type
inv_count_bucket	inv_count_bucket_p	Identifying

inv_count_p

Contains property code and value information for table INV_COUNT.

inv_count_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_count_id	VARCHAR (60)	NO	The sequence-based, auto-generated identifier for the inventory count.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_COUNT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_p Relationships

Parent Entity	Child Entity	Type
inv_count	inv_count_p	Identifying

inv_count_section

Contains information about an area within the store layout. This information is used to define how the store is “partitioned” or “divided up” for the purpose of performing a physical count.

inv_count_section Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_bucket_id	VARCHAR (60)	NO	The unique identifier for an inventory bucket: ON_HAND, LAYAWAY, SPECIAL_ORDER, WORK_ORDER, AT_VENDOR, SOLD, SHIPPED.
X	section_id	VARCHAR (60)	NO	The identifier for an area within the store layout. For example, a SPECIAL_ORDER bucket could include section Ids such as ReadyForPickup and CancelledByCustomer.
	sort_order	INTEGER	YES	Indicates the order in which inventory count sections are displayed in a list.
	inv_bucket_name	VARCHAR (60)	YES	A text description for the bucket.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_section Relationships

Parent Entity	Child Entity	Type
loc rtl_loc	inv_count_section	Identifying
inv_count_section	inv_count_section_detail	Identifying
inv_count_section	inv_count_section_p	Identifying

inv_count_section_detail

Contains information about the items that belong to a section. The items are maintained within a merchandise hierarchy or at the item level.

inv_count_section_detail Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_bucket_id	VARCHAR (60)	NO	The unique identifier for an inventory bucket: ON_HAND, LAYAWAY, SPECIAL_ORDER, WORK_ORDER, AT_VENDOR, SOLD, SHIPPED.
X	section_id	VARCHAR (60)	NO	The identifier for the area within the store layout to which the item belongs. From inv_count_section.section_id.
X	section_detail_nbr	INTEGER	NO	An incremental, arbitrary value used to ensure the row is unique.
	merch_hierarchy_level	VARCHAR (60)	YES	The merchandise level. For example, DEPARTMENT, SUBDEPARTMENT, CLASS, SUBCLASS, ITEM
	merch_hierarchy_id	VARCHAR (60)	YES	The value associated with the merchandise level. For example: if CLASS 123456; then merch_hierarchy_level=CLASS and merch_hierarchy_id=123456
	description	VARCHAR (254)	YES	The text description for the count section.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_section_detail Relationships

Parent Entity	Child Entity	Type
inv_count_section	inv_count_section_detail	Identifying
inv_count_section_detail	inv_count_section_detail_p	Identifying

inv_count_section_detail_p

Contains property code and value information for table INV_COUNT_SECTION_DETAIL.

inv_count_section_detail_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_bucket_id	VARCHAR (60)	NO	The unique identifier for an inventory bucket: ON_HAND, LAYAWAY, SPECIAL_ORDER, WORK_ORDER, AT_VENDOR, SOLD, SHIPPED.
X	section_id	VARCHAR (60)	NO	The identifier for the area within the store layout to which the item belongs. From inv_count_section.section_id.
X	section_detail_nbr	INTEGER	NO	An incremental, arbitrary value used to ensure the row is unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_COUNT_SECTION_DETAIL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_section_detail_p Relationships

Parent Entity	Child Entity	Type
inv_count_section_detail	inv_count_section_detail_p	Identifying

inv_count_section_p

Contains property code and value information for table INV_COUNT_SECTION.

inv_count_section_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_bucket_id	VARCHAR (60)	NO	The unique identifier for an inventory bucket: ON_HAND, LAYAWAY, SPECIAL_ORDER, WORK_ORDER, AT_VENDOR, SOLD, SHIPPED.
X	section_id	VARCHAR (60)	NO	The identifier for an area within the store layout. For example, a SPECIAL_ORDER bucket could include section Ids such as ReadyForPickup and CancelledByCustomer.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_COUNT_SECTION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_section_p Relationships

Parent Entity	Child Entity	Type
inv_count_section	inv_count_section_p	Identifying

inv_count_sheet

Categorizes the items for the count.

inv_count_sheet Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_count_id	VARCHAR (60)	NO	The sequence-based, auto-generated identifier for the inventory count. From inv_count.inv_count_id.
X	count_sheet_nbr	INTEGER	NO	An incremental number to keep the count sheet record unique.
	inv_bucket_id	VARCHAR (60)	YES	The unique identifier for an inventory bucket: ON_HAND, LAYAWAY, SPECIAL_ORDER, WORK_ORDER, AT_VENDOR, SOLD, SHIPPED.
	section_nbr	INTEGER	YES	The section number.
	section_id	VARCHAR (60)	YES	The identifier for the area within the store layout to which the item belongs. From inv_count_section.section_id.
	count_cycle	INTEGER	YES	The current cycle for this sheet.
	sheet_status	VARCHAR (60)	YES	The status of this count sheet (PRELIMINARY, PRINTED, SAVED, or SUBMITTED).
	checked_out_flag	BIT	NO	Handheld functionality: If true, the count sheet is currently checked out to the handheld device.
	inv_bucket_name	VARCHAR (60)	YES	A text description for the bucket containing the items on this sheet.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_sheet Relationships

Parent Entity	Child Entity	Type
inv_count	inv_count_sheet	Identifying
inv_count_sheet	inv_count_sheet_lineitm	Identifying
inv_count_sheet	inv_count_sheet_p	Identifying

inv_count_sheet_lineitm

Contains the information about the items being counted.

inv_count_sheet_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_count_id	VARCHAR (60)	NO	The sequence-based, auto-generated identifier for the inventory count (from inv_count.inv_count_id).
X	count_sheet_nbr	INTEGER	NO	The incremental number used to keep the count sheet record unique (from inv_count_sheet.count_sheet_nbr).
X	lineitm_nbr	INTEGER	NO	The incremental number used to keep the line item record ordered and unique.
	inv_bucket_id	VARCHAR (60)	YES	The unique identifier for an inventory bucket (ON_HAND, LAYAWAY, SPECIAL_ORDER, WORK_ORDER, AT_VENDOR, SOLD, or SHIPPED).
	page_nbr	INTEGER	YES	The count sheet page where this item appears.
	item_id	VARCHAR (60)	YES	The item identifier.
	alternate_id	VARCHAR (60)	YES	The parent item identifier, if applicable.
	description	VARCHAR (200)	YES	The item description.
	quantity	NUMERIC (14,4)	YES	The quantity of this item counted on this sheet.
	count_cycle	INTEGER	YES	The number of times that the represented item has been counted on this inventory count.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_sheet_lineitm Relationships

Parent Entity	Child Entity	Type
inv_count_sheet	inv_count_sheet_lineitm	Identifying
inv_count_sheet_lineitm	inv_count_sheet_lineitm_p	Identifying

inv_count_sheet_lineitm_p

Contains property code and value information for table INV_COUNT_SHEET_LINEITM.

inv_count_sheet_lineitm_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_count_id	VARCHAR (60)	NO	The sequence-based, auto-generated identifier for the inventory count (from inv_count.inv_count_id).
X	count_sheet_nbr	INTEGER	NO	The incremental number used to keep the count sheet record unique (from inv_count_sheet.count_sheet_nbr).
X	lineitm_nbr	INTEGER	NO	The incremental number used to keep the line item record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_COUNT_SHEET_LINEITM (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_sheet_lineitm_p Relationships

Parent Entity	Child Entity	Type
inv_count_sheet_lineitm	inv_count_sheet_lineitm_p	Identifying

[inv_count_sheet_p](#)

Contains property code and value information for table INV_COUNT_SHEET.

inv_count_sheet_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_count_id	VARCHAR (60)	NO	The sequence-based, auto-generated identifier for the inventory count. From inv_count.inv_count_id.
X	count_sheet_nbr	INTEGER	NO	An incremental number to keep the count sheet record unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_COUNT_SHEET (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_sheet_p Relationships

Parent Entity	Child Entity	Type
inv_count_sheet	inv_count_sheet_p	Identifying

inv_count_snapshot

Stores a snapshot of inventory levels for all items in the stock ledger that had a non-zero quantity when an inventory count was initiated. There is one snapshot for each inventory count.

inv_count_snapshot Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	An identifier for the store that performed an inventory count. From inv_count.rtl_loc_id
X	inv_count_id	VARCHAR (60)	NO	An identifier that ties a count sheet line item to a count sheet on an inventory count. From inv_count.inv_count_id.
X	inv_location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise.
X	inv_bucket_id	VARCHAR (60)	NO	The inventory bucket in which a represented item exists.
X	item_id	VARCHAR (60)	NO	A unique identifier for an item.
	snapshot_date	DATETIME	YES	The date on which the snapshot was taken.
	quantity	NUMERIC (14,4)	YES	The quantity of an item in the snapshot.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_snapshot Relationships

Parent Entity	Child Entity	Type
inv_count_bucket	inv_count_snapshot	Identifying
inv_location	inv_count_snapshot	Identifying
inv_count_snapshot	inv_count_snapshot_p	Identifying

inv_count_snapshot_p

Contains property code and value information for table INV_COUNT_SNAPSHOT.

inv_count_snapshot_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	An identifier for the store that performed an inventory count. From inv_count.rtl_loc_id
X	inv_count_id	VARCHAR (60)	NO	An identifier that ties a count sheet line item to a count sheet on an inventory count. From inv_count.inv_count_id.
X	inv_location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise.
X	inv_bucket_id	VARCHAR (60)	NO	The inventory bucket in which a represented item exists.
X	item_id	VARCHAR (60)	NO	A unique identifier for an item.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_COUNT_SNAPSHOT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_count_snapshot_p Relationships

Parent Entity	Child Entity	Type
inv_count_snapshot	inv_count_snapshot_p	Identifying

inv_cst_item_yearend

Table that is populated during the Xcenter year end process

inv_cst_item_yearend Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	fiscal_year	INTEGER	NO	Fiscal Year.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
	wac_qty_rcvd	DECIMAL (14,4)	YES	Quantity Received of the item for the fiscal year.
	wac_value_rcvd	DECIMAL (17,6)	YES	Value of the item for the fiscal year.
	pwac_qty_onhand_endofyear	DECIMAL (14,4)	YES	Quantity On Hand of the item for the fiscal year.
	pwac_value_onhand_endofyear	DECIMAL (17,6)	YES	Value of Quantity On Hand of the item for the fiscal year.
	create_date	DATETIME	YES	Date the table row was created.
	create_user_id	VARCHAR (30)	YES	User responsible for creating the table row.
	update_date	DATETIME	YES	Date the table row was most recently updated.
	update_user_id	VARCHAR (30)	YES	User responsible for updating the table row.
	record_state	VARCHAR (30)	YES	The record status.

inv_cst_item_yearend Relationships

Parent Entity	Child Entity	Type
inv_stock_fiscal_year	inv_cst_item_yearend	Identifying
inv_cst_item_yearend	inv_cst_item_yearend_p	Identifying

[inv_cst_item_yearend_p](#)

Contains property code and value information for table INV_CST_ITEM_YEAREND.

inv_cst_item_yearend_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	fiscal_year	INTEGER	NO	Fiscal Year.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_CST_ITEM_YEAREND (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_cst_item_yearend_p Relationships

Parent Entity	Child Entity	Type
inv_cst_item_yearend	inv_cst_item_yearend_p	Identifying

[inv_document_lineitm_note](#)

Comment/note assigned to a specific line item.

inv_document_lineitm_note Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, or SALE).
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
X	note_id	BIGINT	NO	The identifier for a note within a document.
	note_timestamp	DATETIME	YES	The date and time the note was created.
	note_type	VARCHAR (60)	YES	A note category that allows the use of reason codes.
	note_text	TEXT	YES	The text of the note.
	record_creation_type	VARCHAR (60)	YES	Code indicating how this record was created (ALL, HOME_OFFICE, OTHER, or STORE).
	creator_party_id	BIGINT	YES	The party identifier of the person who created the note.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_document_lineitm_note Relationships

Parent Entity	Child Entity	Type
inv_invctl_document_lineitm	inv_document_lineitm_note	Identifying
inv_document_lineitm_note	inv_document_lineitm_note_p	Identifying

[inv_document_lineitm_note_p](#)

Contains property code and value information for table INV_DOCUMENT_LINEITM_NOTE.

inv_document_lineitm_note_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_tpcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, or SALE).
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
X	note_id	BIGINT	NO	The identifier for a note within a document.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_DOCUMENT_LINEITM_NOTE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_document_lineitm_note_p Relationships

Parent Entity	Child Entity	Type
inv_document_lineitm_note	inv_document_lineitm_note_p	Identifying

inv_document_notes

Contains information about notes/comments pertaining to the inventory control document.

inv_document_notes Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports. SHIPPING, RECEIVING, ADJUSTMENT, SALE.
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	note_id	BIGINT	NO	The identifier for a note within a document.
	note_timestamp	DATETIME	YES	The date and time the note was created.
	note_text	VARCHAR (MAX)	YES	The text of the note.
	creator_party_id	BIGINT	YES	The party identifier of the person who created the note.
	note_type	VARCHAR (60)	YES	A note category that allows the use of reason codes.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_document_notes Relationships

Parent Entity	Child Entity	Type
inv_invctl_document	inv_document_notes	Identifying
crm_party	inv_document_notes	Non-Identifying
inv_document_notes	inv_document_notes_p	Identifying

inv_document_notes_p

Contains property code and value information for table INV_DOCUMENT_NOTES.

inv_document_notes_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports. SHIPPING, RECEIVING, ADJUSTMENT, SALE.
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	note_id	BIGINT	NO	The identifier for a note within a document.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_DOCUMENT_NOTES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_document_notes_p Relationships

Parent Entity	Child Entity	Type
inv_document_notes	inv_document_notes_p	Identifying

inv_invctl_doc_lineserial

Contains information about serialized items pertaining to the inventory control document.

inv_invctl_doc_lineserial Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, or SALE).
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
X	serial_line_nbr	INTEGER	NO	The line number of the serial number within the inventory control document.
	serial_nbr	VARCHAR (254)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_doc_lineserial Relationships

Parent Entity	Child Entity	Type
inv_invctl_document_lineitm	inv_invctl_doc_lineserial	Identifying
inv_invctl_doc_lineserial	inv_invctl_doc_lineserial_p	Identifying

[inv_invctl_doc_lineserial_p](#)

Contains property code and value information for table INV_INVCTL_DOC_LINESERIAL.

inv_invctl_doc_lineserial_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, or SALE).
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
X	serial_line_nbr	INTEGER	NO	The line number of the serial number within the inventory control document.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_INVCTL_DOC_LINESERIAL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_doc_lineserial_p Relationships

Parent Entity	Child Entity	Type
inv_invctl_doc_lineserial	inv_invctl_doc_lineserial_p	Identifying

inv_invctl_document

Contains Inventory Control Document information that is used to depict merchandise flow through the retail location structure.

inv_invctl_document Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports. RECEIVING, SHIPPING
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
	create_date_timestamp	DATETIME	YES	The date and time the inventory control record was created.
	complete_date_timestamp	DATETIME	YES	The time and date when the processing of the inventory control document was completed.
	status_code	VARCHAR (30)	YES	The current status of the document (CLOSED, IN_PROCESS, VOID).
	originator_id	VARCHAR (60)	YES	Identifies the point of origin for this inventory control document. An originator may be a program (for automatically generated documents) or a person.
	document_subtypcode	VARCHAR (30)	YES	Describes the specific type of document within the primary type (SENDSALE, ASN, STORE_TRANSFER, RETURN_TO_VENDOR, ADJUSTMENT, SALE, PO)
	originator_name	VARCHAR (254)	YES	The name of the originator of this document.
	last_activity_date	DATETIME	YES	The time stamp of the last activity recorded on this document.
	po_ref_nbr	VARCHAR (254)	YES	The reference number that uniquely identifies the Purchase Order inventory control document.
	record_creation_type	VARCHAR (30)	YES	Code indicating how this record was created (ALL, HOME_OFFICE, OTHER, STORE).
	description	VARCHAR (254)	YES	A text description of the inventory control document.
	control_number	VARCHAR (254)	YES	The unique identifier for the packing slip, typically the inventory control document number.
	originator_address_id	VARCHAR (60)	YES	The address identifier for the point of origin for this inventory control document.
	submit_date	DATETIME	YES	The date the order was submitted to the fulfilling location.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_document Relationships

Parent Entity	Child Entity	Type
loc rtl_loc	inv_invctl_document	Identifying
inv_invctl_document	inv_document_notes	Identifying
inv_invctl_document	inv_invctl_document_lineitm	Identifying
inv_invctl_document	inv_invctl_document_p	Identifying
inv_invctl_document	inv_shipment	Identifying
inv_invctl_document	inv_invctl_trans	Non-Identifying

inv_invctl_document_lineitm

Contains information about the inventory items in an inventory document, linking sales to inventory movement.

inv_invctl_document_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	invctl_document_id	VARCHAR (60)	NO	The inventory control document line number specifies the line number within the inventory control document.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, or SALE).
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
	carton_id	VARCHAR (60)	YES	Unique identifier of carton within the document.
	inventory_item_id	VARCHAR (60)	YES	An identifier that uniquely identifies an item in the inventory.
	lineitm_typcode	VARCHAR (30)	YES	A code denoting the type of item for the original sale/return line item. For example, ITEM, SEND_ITEM.
	unit_count	NUMERIC (14,4)	YES	Actual quantity of items that has been counted.
	lineitm_rtl_loc_id	INTEGER	YES	The retail location identifier for the original sale/return line item.
	lineitm_wkstn_id	BIGINT	YES	The work station identifier for the original sale/return line item.
	lineitm_business_date	DATETIME	YES	The business date for the line item.
	lineitm_trans_seq	BIGINT	YES	The transaction sequence number for the original sale/return line item.
	lineitm_rtrans_lineitm_seq	INTEGER	YES	The retail line item sequence number for the original sale/return line item.
	status_code	VARCHAR (30)	YES	The current status of the document line item (CLOSED, IN_PROCESS, or VOID).
	original_loc_id	VARCHAR (60)	YES	Used in the physical counting process and identifies the original item location.
	original_bucket_id	VARCHAR (60)	YES	The identifier for the original item bucket.
	expected_count	NUMERIC (14,4)	YES	Quantity of item that is expected for the line item on the document.
	posted_count	NUMERIC (14,4)	YES	The quantity posted to inventory.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_creation_type	VARCHAR (30)	YES	Code indicating how this record was created (ALL, HOME_OFFICE, OTHER, or STORE).
	entered_item_id	VARCHAR (60)	YES	The item identifier manually entered by the user for an item not on file.
	entered_item_description	VARCHAR (254)	YES	The description manually entered by the user for an item not on file.
	serial_number	VARCHAR (254)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	retail	NUMERIC (17,6)	YES	The retail price of the item.
	model_nbr	VARCHAR (254)	YES	The model number assigned to the piece of equipment by the manufacturer.
	control_number	VARCHAR (254)	YES	A value that can be used to tag a document line item.
	shipping_weight	DECIMAL (12,3)	YES	The weight of a merchandise line item, used by the POS in the calculation of send sale shipping fees under certain configurations. The weight is derived from the SKU (itm_item.shipping_weight), or, in the absence of a pre-configured value, prompted for and entered by the user.
	unit_cost	DECIMAL (17,6)	YES	Unit Cost of the Item
	posted_cost	DECIMAL (17,6)	YES	Cost posted for the Inventory
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_document_lineitm Relationships

Parent Entity	Child Entity	Type
inv_invctl_document	inv_invctl_document_lineitm	Identifying
inv_carton	inv_invctl_document_lineitm	Non-Identifying
inv_bucket	inv_invctl_document_lineitm	Non-Identifying
inv_location	inv_invctl_document_lineitm	Non-Identifying
trl_sale_lineitm	inv_invctl_document_lineitm	Non-Identifying
inv_invctl_document_lineitm	inv_document_lineitm_note	Identifying
inv_invctl_document_lineitm	inv_invctl_doc_lineserial	Identifying
inv_invctl_document_lineitm	inv_invctl_document_lineitm_p	Identifying
inv_invctl_document_lineitm	inv_invctl_document_xref	Identifying
inv_invctl_document_lineitm	inv_item_acct_mod	Identifying
inv_invctl_document_lineitm	inv_rep_document_lineitm	Identifying
inv_invctl_document_lineitm	inv_invctl_document_xref	Non-Identifying

inv_invctl_document_lineitm_p

Contains property code and value information for table INV_INVCTL_DOCUMENT_LINEITM.

inv_invctl_document_lineitm_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, or SALE).
X	invctl_document_id	VARCHAR (60)	NO	The inventory control document line number specifies the line number within the inventory control document.
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_INVCTL_DOCUMENT_LINEITM (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_document_lineitm_p Relationships

Parent Entity	Child Entity	Type
inv_invctl_document_lineitm	inv_invctl_document_lineitm_p	Identifying

[inv_invctl_document_p](#)

Allows association of key-value properties with shipping/receiving documents.

inv_invctl_document_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING).
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with the inventory document (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required, when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required, when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_document_p Relationships

Parent Entity	Child Entity	Type
inv_invctl_document	inv_invctl_document_p	Identifying

[inv_invctl_document_xref](#)

A cross reference between line items.

inv_invctl_document_xref Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	invctl_document_id	VARCHAR (60)	NO	The inventory control document line number specifies the line number within the inventory control document.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, SALE).
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
	cross_ref_organization_id	INTEGER	YES	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
	cross_ref_document_id	VARCHAR (60)	YES	The inventory control document line number specifies the line number within the inventory control document.
	cross_ref_line_number	INTEGER	YES	The inventory control document line number specifies the line number within the inventory control document.
	cross_ref_document_typcode	VARCHAR (30)	YES	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, SALE).
	cross_ref rtl_loc_id	INTEGER	YES	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_document_xref Relationships

Parent Entity	Child Entity	Type
inv_invctl_document_lineitm	inv_invctl_document_xref	Identifying
inv_invctl_document_lineitm	inv_invctl_document_xref	Non-Identifying
inv_invctl_document_xref	inv_invctl_document_xref_p	Identifying

inv_invctl_document_xref_p

Contains property code and value information for table INV_INVCTL_DOCUMENT_XREF.

inv_invctl_document_xref_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, SALE).
X	invctl_document_id	VARCHAR (60)	NO	The inventory control document line number specifies the line number within the inventory control document.
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_INVCTL_DOCUMENT_XREF (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_document_xref_p Relationships

Parent Entity	Child Entity	Type
inv_invctl_document_xref	inv_invctl_document_xref_p	Identifying

inv_invctl_trans

Contains Inventory Control Transaction information for inventory control documents and inventory transaction details.

inv_invctl_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization associated with this inventory control document.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	document_typcode	VARCHAR (30)	YES	Describes the specific task that this inventory document supports.
	document_date	DATETIME	YES	The date for the inventory action that caused this transaction to be created.
	old_status_code	VARCHAR (30)	YES	The status code before the current inventory control activity took place. For example, OPEN, IN_PROCESS, etc.
	new_status_code	VARCHAR (30)	YES	The new status code for the updated inventory control activity. For example, READY_TO_SHIP, SHIPPED, IN_PROCESS, CLOSED, etc.
	invctl_document_id	VARCHAR (60)	YES	The reference number that uniquely identifies the inventory control document.
	invctl_document rtl_loc_id	INTEGER	YES	A unique identifier for a specific retail store within the organization associated with this inventory control document.
	invctl_trans_reascode	VARCHAR (30)	YES	A code denoting the reason for the inventory control transaction. For example, LOST_FOUND, PHYSICAL_AUDIT, DONATION, etc.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_trans Relationships

Parent Entity	Child Entity	Type
trn_trans	inv_invctl_trans	Identifying
inv_invctl_document	inv_invctl_trans	Non-Identifying
inv_invctl_trans	inv_invctl_trans_detail	Identifying

inv_invctl_trans_detail

Contains specific line item detail for inventory control transactions.

inv_invctl_trans_detail Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	invctl_trans_seq	BIGINT	NO	Sequence number within the table to keep the inventory control transaction detail record ordered and unique.
	invctl_document rtl_loc_id	INTEGER	YES	A unique identifier for a specific inventory location within the retail enterprise.
	invctl_document_id	VARCHAR (60)	YES	The reference number that uniquely identifies the inventory control document.
	document_typcode	VARCHAR (30)	YES	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING).
	invctl_document_line_nbr	INTEGER	YES	The inventory control document line number specifies the line number within the inventory control document.
	item_id	VARCHAR (60)	YES	The item identifier.
	action_code	VARCHAR (30)	YES	The action of the line, showing the specific change.
	previous_unit_count	NUMERIC (14,4)	YES	The old unit count for this inventory document which affects this item.
	new_unit_count	NUMERIC (14,4)	YES	The changed unit count for this inventory document which affects this item.
	old_status_code	VARCHAR (30)	YES	The status code before the current inventory control activity took place. For example, OPEN, IN_PROCESS, etc.
	new_status_code	VARCHAR (30)	YES	The new status code for the updated inventory control activity. For example, READY_TO_SHIP, SHIPPED, IN_PROCESS, CLOSED, etc.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	previous_posted_count	NUMERIC (14,4)	YES	The old posted count for this inventory document which affects this item.
	new_posted_count	NUMERIC (14,4)	YES	The changed posted count for this inventory document which affects this item.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_trans_detail Relationships

Parent Entity	Child Entity	Type
inv_invctl_trans	inv_invctl_trans_detail	Identifying
inv_invctl_trans_detail	inv_invctl_trans_detail_p	Identifying

[inv_invctl_trans_detail_p](#)

Contains property code and value information for table INV_INVCTL_TRANS_DETAIL.

inv_invctl_trans_detail_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	invctl_trans_seq	BIGINT	NO	Sequence number within the table to keep the inventory control transaction detail record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_INVCTL_TRANS_DETAIL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_invctl_trans_detail_p Relationships

Parent Entity	Child Entity	Type
inv_invctl_trans_detail	inv_invctl_trans_detail_p	Identifying

inv_inventory_journal

Identifies the method by which inventory is tracked. This structure allows reference to both inventory and sale transactions and all the detail for transaction-based item movement.

inv_inventory_journal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	Identifier from the transaction in which this item's movement was recorded.
X	trans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this inventory transaction.
X	journal_seq	BIGINT	NO	Arbitrary number used to make the row unique since one line item can have multiple source locations.
	inventory_item_id	VARCHAR (60)	YES	An identifier that uniquely identifies an item in the inventory.
	item_serial_nbr	VARCHAR (254)	YES	Unique number identifying the item. Only populated for serialized items.
	action_code	VARCHAR (30)	YES	The code for the activity performed on the item. For example, ITEM_RETURN, ITEM_SPECIAL_ORDER, etc.
	quantity	NUMERIC (11,4)	YES	The item quantity that was moved.
	source_location_id	VARCHAR (60)	YES	Inventory location from which the item was moved (inv_loc_id).
	source_bucket_id	VARCHAR (60)	YES	Bucket within the source location from which the item came (for example, ON_HAND).
	dest_location_id	VARCHAR (60)	YES	Inventory location the item was moved into.
	dest_bucket_id	VARCHAR (60)	YES	Bucket within the destination location to which the item was moved (SOLD, SHIPPED, etc.).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_inventory_journal Relationships

Parent Entity	Child Entity	Type
inv_movement_pending	inv_inventory_journal	Identifying
inv_bucket	inv_inventory_journal	Non-Identifying
inv_bucket	inv_inventory_journal	Non-Identifying
inv_location	inv_inventory_journal	Non-Identifying
inv_location	inv_inventory_journal	Non-Identifying
inv_inventory_journal	inv_inventory_journal_p	Identifying

inv_inventory_journal_p

Contains property code and value information for table INV_INVENTORY_JOURNAL.

inv_inventory_journal_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	Identifier from the transaction in which this item's movement was recorded.
X	trans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this inventory transaction.
X	journal_seq	BIGINT	NO	Arbitrary number used to make the row unique since one line item can have multiple source locations.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_INVENTORY_JOURNAL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_inventory_journal_p Relationships

Parent Entity	Child Entity	Type
inv_inventory_journal	inv_inventory_journal_p	Identifying

inv_inventory_loc_mod

Contains the information required to process all of the details related to inventory movement during inventory functions. This supports inventory location modifiers for each line item on a transaction for Document-based functions such as Shipping, Receiving, and Inventory Adjustment. This information is used to build the inventory ledger and inventory journal. There are two tables that hold this information; one for retail transactions (rtl_inventory_loc_mod) and one for inventory processes (inv_inventory_loc_mod).

inv_inventory_loc_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Inventory document type code for the document that contains the parent line item of this modifier.
X	document_id	VARCHAR (60)	NO	Inventory control document id for the document that contains the parent line item of this modifier.
X	document_line_nbr	INTEGER	NO	Document line number identifier from the parent line item.
X	mod_seq	INTEGER	NO	Numeric identifier to make this modifier unique.
	serial_nbr	VARCHAR (254)	YES	Serial number for the parent item of this modifier.
	source_location_id	VARCHAR (60)	YES	Inventory location id from which the parent item was sold, put on layaway, etc.
	source_bucket_id	VARCHAR (60)	YES	Inventory bucket id from which the parent item was sold. For outgoing inventory, this should always be ON_HAND.
	dest_location_id	VARCHAR (60)	YES	Inventory location id to which the parent item is moving.
	dest_bucket_id	VARCHAR (60)	YES	Inventory bucket id to which the parent item is moving. When the item leaves the store, this will always be SHIPPED.
	quantity	NUMERIC (11,4)	YES	The quantity of the parent item that will be moved in accordance with this modifier.
	action_code	VARCHAR (30)	YES	The action taken that caused this modifier to be created. This will typically correspond to the inventory document type.
	void_flag	BIT	YES	If true, this line was voided.
	item_id	VARCHAR (60)	YES	An identifier that uniquely identifies an item.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	cost	DECIMAL (17,6)	YES	The cost of the parent item that will be moved in accordance with this modifier
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_inventory_loc_mod Relationships

Parent Entity	Child Entity	Type
loc rtl loc	inv_inventory_loc_mod	Identifying
inv_bucket	inv_inventory_loc_mod	Non-Identifying
inv_bucket	inv_inventory_loc_mod	Non-Identifying
inv_location	inv_inventory_loc_mod	Non-Identifying
inv_location	inv_inventory_loc_mod	Non-Identifying
inv_inventory_loc_mod	inv_inventory_loc_mod_p	Identifying

inv_inventory_loc_mod_p

Contains property code and value information for table INV_INVENTORY_LOC_MOD.

inv_inventory_loc_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_tpcode	VARCHAR (30)	NO	Inventory document type code for the document that contains the parent line item of this modifier.
X	document_id	VARCHAR (60)	NO	Inventory control document id for the document that contains the parent line item of this modifier.
X	document_line_nbr	INTEGER	NO	Document line number identifier from the parent line item.
X	mod_seq	INTEGER	NO	Numeric identifier to make this modifier unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_INVENTORY_LOC_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_inventory_loc_mod_p Relationships

Parent Entity	Child Entity	Type
inv_inventory_loc_mod	inv_inventory_loc_mod_p	Identifying

inv_item_acct_mod

Contains information about a customer account and the associated inventory control document.

inv_item_acct_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, SALE).
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
	cust_acct_code	VARCHAR (30)	NO	An identifier for a type of customer account (LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, or WORK_ORDER).
	cust_acct_id	VARCHAR (60)	NO	A unique identifier for a customer account. Must be unique within the Customer Account Code.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_item_acct_mod Relationships

Parent Entity	Child Entity	Type
inv_invctl_document_lineitm	inv_item_acct_mod	Identifying
inv_item_acct_mod	inv_item_acct_mod_p	Identifying

inv_item_acct_mod_p

Contains property code and value information for table INV_ITEM_ACCT_MOD.

inv_item_acct_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_tpcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, SALE).
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_ITEM_ACCT_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_item_acct_mod_p Relationships

Parent Entity	Child Entity	Type
inv_item_acct_mod	inv_item_acct_mod_p	Identifying

inv_location

Contains information about a floor and an area on a floor inside a retail store that is explicitly identified for tracking inventory, sales activity, and other business activities that are important to measuring a store's performance.

inv_location Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise.
	name	VARCHAR (254)	YES	The name designated to identify the location. For example, Send Sale items being held for shipping area.
	active_flag	BIT	YES	Indicates whether or not this location will appear in the list of available locations when selling, shipping, transferring an item. If true, this inventory location will be available.
	system_location_flag	BIT	YES	Indicates whether or not this bucket was created by the home office. If true, this inventory location cannot be edited.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_location Relationships

Parent Entity	Child Entity	Type
loc rtl loc	inv_location	Identifying
inv_location	inv_count_snapshot	Identifying
inv_location	inv_location_availability	Identifying
inv_location	inv_location_bucket	Identifying
inv_location	inv_location_p	Identifying
inv_location	inv_stock_ledger_acct	Identifying
inv_location	inv_bucket	Non-Identifying
inv_location	inv_invctl_document_lineitm	Non-Identifying
inv_location	inv_inventory_journal	Non-Identifying
inv_location	inv_inventory_journal	Non-Identifying
inv_location	inv_inventory_loc_mod	Non-Identifying
inv_location	inv_inventory_loc_mod	Non-Identifying
inv_location	inv_movement_pending	Non-Identifying
inv_location	inv_movement_pending_detail	Non-Identifying
inv_location	inv_movement_pending_detail	Non-Identifying
inv_location	trl_inventory_loc_mod	Non-Identifying
inv_location	trl_inventory_loc_mod	Non-Identifying

inv_location_availability

Contains information about the inventory locations available for different functions; providing the ability to limit access to locations based on functions such as item transfer and returns.

inv_location_availability Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise. From the inv_location table.
X	availability_code	VARCHAR (30)	NO	Code representing the scenario in which this location is an available source from which to move an item (RETURN, TRANSFER_FROM, etc.).
	privilege_type	VARCHAR (30)	YES	Privilege required for being able to use this location for this code. A null value indicates that the location may always be used.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_location_availability Relationships

Parent Entity	Child Entity	Type
inv_location	inv_location_availability	Identifying
inv_location_availability	inv_location_availability_p	Identifying

inv_location_availability_p

Contains property code and value information for table INV_LOCATION_AVAILABILITY.

inv_location_availability_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise. From the inv_location table.
X	availability_code	VARCHAR (30)	NO	Code representing the scenario in which this location is an available source from which to move an item (RETURN, TRANSFER_FROM, etc.).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_LOCATION_AVAILABILITY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_location_availability_p Relationships

Parent Entity	Child Entity	Type
inv_location_availability	inv_location_availability_p	Identifying

inv_location_bucket

Contains information associating an inventory bucket with an inventory location. This supports the ability to specify buckets to be added to a location when a location is created.

inv_location_bucket Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise. From the inv_location table.
X	bucket_id	VARCHAR (60)	NO	The identifier for an inventory item classification. From the inv_bucket table.
	tracking_method	VARCHAR (30)	YES	Indicates the type of items that are tracked in this bucket; either ALL, NONE, or SERIALIZED.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_location_bucket Relationships

Parent Entity	Child Entity	Type
inv_bucket	inv_location_bucket	Identifying
inv_location	inv_location_bucket	Identifying
inv_location_bucket	inv_location_bucket_p	Identifying
inv_location_bucket	inv_sum_count_trans_dtl	Non-Identifying

inv_location_bucket_p

Contains property code and value information for table INV_LOCATION_BUCKET.

inv_location_bucket_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise. From the inv_location table.
X	bucket_id	VARCHAR (60)	NO	The identifier for an inventory item classification. From the inv_bucket table.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_LOCATION_BUCKET (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_location_bucket_p Relationships

Parent Entity	Child Entity	Type
inv_location_bucket	inv_location_bucket_p	Identifying

inv_location_p

Contains property code and value information for table INV_LOCATION.

inv_location_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_LOCATION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_location_p Relationships

Parent Entity	Child Entity	Type
inv_location	inv_location_p	Identifying

inv_movement_pending

Contains information about items sold without an inventory location specified at the time of sale. Provides the ability to handle situations where quantities of the reconciled item are coming from multiple inventory locations.

inv_movement_pending Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	Identifier from the transaction in which this item was set to movement pending. Either a retail sale transaction or an inventory transaction.
X	trans_lineitm_seq	INTEGER	NO	Line item identifier within the original transaction.
	item_id	VARCHAR (60)	YES	An identifier that uniquely identifies an item.
	serial_nbr	VARCHAR (254)	YES	Unique number identifying the item. Only populated for serialized items.
	action_code	VARCHAR (30)	YES	This record's reason for being - what was being done in the system that caused this entry (SALE, SHIPPING).
	quantity	NUMERIC (11,4)	YES	The quantity of the item that was sold or shipped.
	dest_location_id	VARCHAR (60)	YES	Inventory location the item will be moved into once reconciled.
	dest_bucket_id	VARCHAR (60)	YES	Bucket the item will moved into once reconciled.
	reconciled_flag	BIT	YES	Indicates whether or not the location is still pending for any part of this item's quantity. If true, all items (quantity) on this line item have been reconciled.
	void_flag	BIT	YES	Whether or not this record has been voided. This flag is only set when the original transaction that generated the record is post-voided. If true, the record for the original transaction was post voided.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_movement_pending Relationships

Parent Entity	Child Entity	Type
inv_mptrans_lineitm	inv_movement_pending	Identifying
inv_bucket	inv_movement_pending	Non-Identifying
inv_location	inv_movement_pending	Non-Identifying
inv_movement_pending	inv_inventory_journal	Identifying
inv_movement_pending	inv_movement_pending_detail	Identifying
inv_movement_pending	inv_movement_pending_p	Identifying
inv_movement_pending	inv_sum_count_trans_dtl	Identifying
inv_movement_pending	inv_mptrans_lineitm	Non-Identifying

inv_movement_pending_detail

Contains all details for a reconciled inventory movement record.

inv_movement_pending_detail Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	trans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this inventory transaction.
X	pending_seq	INTEGER	NO	Arbitrary number used to make the row unique since one line item can have multiple source locations.
	serial_nbr	VARCHAR (254)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	quantity	NUMERIC (11,4)	YES	The quantity allocated to source/destination in this record.
	source_location_id	VARCHAR (60)	YES	Location from which the item was sold or shipped.
	source_bucket_id	VARCHAR (60)	YES	Bucket within the source location from which the item was sold or shipped (for example, ON_HAND).
	dest_location_id	VARCHAR (60)	YES	Location to which the item was moved.
	dest_bucket_id	VARCHAR (60)	YES	Bucket within the destination location to which the item was moved (SOLD, SHIPPED)
	action_code	VARCHAR (30)	YES	The code for the activity performed on the item.
	void_flag	BIT	YES	Whether or not this record has been voided. This flag is only set when the original transaction that generated the record is post-voided. If true, the record for the original transaction was post voided.
	item_id	VARCHAR (60)	YES	An identifier that uniquely identifies an item.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_movement_pending_detail Relationships

Parent Entity	Child Entity	Type
inv_movement_pending	inv_movement_pending_detail	Identifying
inv_bucket	inv_movement_pending_detail	Non-Identifying
inv_bucket	inv_movement_pending_detail	Non-Identifying
inv_location	inv_movement_pending_detail	Non-Identifying
inv_location	inv_movement_pending_detail	Non-Identifying
inv_movement_pending_detail	inv_movement_pending_detail_p	Identifying

inv_movement_pending_detail_p

Contains property code and value information for table INV_MOVEMENT_PENDING_DETAIL.

inv_movement_pending_detail_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	trans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this inventory transaction.
X	pending_seq	INTEGER	NO	Arbitrary number used to make the row unique since one line item can have multiple source locations.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_MOVEMENT_PENDING_DETAIL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

inv_movement_pending_detail_p Relationships

Parent Entity	Child Entity	Type
inv_movement_pending_detail	inv_movement_pending_detail_p	Identifying

inv_movement_pending_p

Contains property code and value information for table INV_MOVEMENT_PENDING.

inv_movement_pending_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	Identifier from the transaction in which this item was set to movement pending. Either a retail sale transaction or an inventory transaction.
X	trans_lineitm_seq	INTEGER	NO	Line item identifier within the original transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_MOVEMENT_PENDING (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_movement_pending_p Relationships

Parent Entity	Child Entity	Type
inv_movement_pending	inv_movement_pending_p	Identifying

inv_mptrans_lineitm

Transaction detail table. Contains the movement pending reconciliation line items from the transaction. When completing a session of movement pending reconciliation, a transaction is created that contains the changes, represented as transaction line items. These changes are stored here.

inv_mptrans_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	Identifier from the transaction in which the current reconciliation took place.
X	trans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this inventory transaction.
	original_rtl_loc_id	INTEGER	YES	Store number from the transaction that originally produced the reconciled movement pending record.
	original_wkstn_id	BIGINT	YES	Register number from the transaction that originally produced the reconciled movement pending record.
	original_business_date	DATETIME	YES	Business date on which the transaction that originally produced the reconciled movement pending record was rung.
	original_trans_seq	BIGINT	YES	Sequence number from the transaction that originally produced the reconciled movement pending record.
	original_trans_lineitm_seq	INTEGER	YES	Line item identifier within the original transaction.
	quantity_reconciled	NUMERIC (11,4)	YES	Quantity reconciled for this pending record for the current transaction.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_mptrans_lineitm Relationships

Parent Entity	Child Entity	Type
trn_trans	inv_mptrans_lineitm	Identifying
inv_movement_pending	inv_mptrans_lineitm	Non-Identifying
inv_mptrans_lineitm	inv_movement_pending	Identifying
inv_mptrans_lineitm	inv_mptrans_lineitm_p	Identifying

[inv_mptrans_lineitm_p](#)

Contains property code and value information for table INV_MPTRANS_LINEITM.

inv_mptrans_lineitm_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	Identifier from the transaction in which the current reconciliation took place.
X	trans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this inventory transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_MPTRANS_LINEITM (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_mptrans_lineitm_p Relationships

Parent Entity	Child Entity	Type
inv_mptrans_lineitm	inv_mptrans_lineitm_p	Identifying

inv_rep_document_lineitm

An extension of inv_invctl_document_lineitm with additional details used specifically for replenishment.

inv_rep_document_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	invctl_document_id	VARCHAR (60)	NO	The inventory control document line number specifies the line number within the inventory control document.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, or SALE).
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
	suggested_order_qty	DECIMAL (11,4)	YES	Defines the order quantity that was suggested by the home office.
	order_quantity	DECIMAL (11,4)	YES	Defines order quantity when submitted by the store.
	confirmed_quantity	DECIMAL (11,4)	YES	Defines the quantity that was confirmed by the home office.
	confirmation_date	DATETIME	YES	Defines the confirmation date of a CONFIRMED order.
	confirmation_number	VARCHAR (60)	YES	Defines the confirmation number of a CONFIRMED order.
	ship_via	VARCHAR (254)	YES	Defines the shipping carrier of a CONFIRMED order that was shipped.
	shipped_quantity	DECIMAL (11,4)	YES	Defines the shipped quantity of a CONFIRMED order that was shipped.
	shipped_date	DATETIME	YES	Defines the shipped date of a CONFIRMED order that was shipped.
	received_quantity	DECIMAL (11,4)	YES	Defines the received quantity of a CONFIRMED order that was received.
	received_date	DATETIME	YES	Defines the received date of a CONFIRMED order that was received.
	source_type	VARCHAR (60)	YES	Defines the source type of an order.
	source_id	VARCHAR (60)	YES	Defines the source id of an order.
	source_name	VARCHAR (254)	YES	Defines the source name of an order.
	parent_document_id	VARCHAR (60)	YES	Defines the parent document id of this document. In replenishment this is used in the case of split confirmation orders.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_rep_document_lineitm Relationships

Parent Entity	Child Entity	Type
inv_invctl_document_lineitm	inv_rep_document_lineitm	Identifying
inv_rep_document_lineitm	inv_rep_document_lineitm_p	Identifying

[inv_rep_document_lineitm_p](#)

Contains property code and value information for table INV_REP_DOCUMENT_LINEITM.

inv_rep_document_lineitm_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_tpcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports (SHIPPING, RECEIVING, ADJUSTMENT, or SALE).
X	invctl_document_id	VARCHAR (60)	NO	The inventory control document line number specifies the line number within the inventory control document.
X	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_REP_DOCUMENT_LINEITM (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_rep_document_lineitm_p Relationships

Parent Entity	Child Entity	Type
inv_rep_document_lineitm	inv_rep_document_lineitm_p	Identifying

inv_serialized_stock_ledger

Contains a record of a location inside a store where a serialized stock item is stored or displayed for sale, and for which a serialized stock item stock on hand count and dollar value is maintained.

inv_serialized_stock_ledger Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise.
X	bucket_id	VARCHAR (60)	NO	The identifier for an inventory item classification. For example, DAMAGED, RETURNED, ON_LAYAWAY, RECEIVED_SPECIAL_ORDERS, SEND_SALE_HOLD, WORK_ORDER_ITEMS, ON_HAND, etc.
X	item_id	VARCHAR (60)	NO	An identifier that uniquely identifies an item.
X	serial_nbr	VARCHAR (200)	NO	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_serialized_stock_ledger Relationships

Parent Entity	Child Entity	Type
inv_stock_ledger_acct	inv_serialized_stock_ledger	Identifying
inv_serialized_stock_ledger	inv_serialized_stock_ledger_p	Identifying

[inv_serialized_stock_ledger_p](#)

Contains property code and value information for table INV_SERIALIZED_STOCK_LEDGER.

inv_serialized_stock_ledger_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise.
X	bucket_id	VARCHAR (60)	NO	The identifier for an inventory item classification. For example, DAMAGED, RETURNED, ON_LAYAWAY, RECEIVED_SPECIAL_ORDERS, SEND_SALE_HOLD, WORK_ORDER_ITEMS, ON_HAND, etc.
X	item_id	VARCHAR (60)	NO	An identifier that uniquely identifies an item.
X	serial_nbr	VARCHAR (200)	NO	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_SERIALIZED_STOCK_LEDGER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_serialized_stock_ledger_p Relationships

Parent Entity	Child Entity	Type
inv_serialized_stock_ledger	inv_serialized_stock_ledger_p	Identifying

inv_shipment

Contains inventory shipment information.

inv_shipment Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_tycode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports.
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	shipment_seq	INTEGER	NO	The sequence number within the table to keep the shipment record ordered and unique.
	expected_delivery_date	DATETIME	YES	The expected delivery date of the shipment, relating to a particular inventory control document.
	actual_delivery_date	DATETIME	YES	The actual delivery date of the shipment, relating to a particular inventory control document.
	expected_ship_date	DATETIME	YES	The expected shipping date of the shipment, relating to a particular inventory control document.
	destination_party_id	BIGINT	YES	Party identifier of the recipient of this shipment.
	shipping_carrier	VARCHAR (254)	YES	The identifier of the carrier presenting the bill of lading who will be transferring the item. Typically a commercial transport carrier such as UPS or FedEx.
	actual_ship_date	DATETIME	YES	The actual shipping date of the shipment, relating to a particular inventory control document.
	tracking_nbr	VARCHAR (254)	YES	A tracking number provided by the service provider who actually delivers the shipment.
	shipment_statcode	VARCHAR (30)	YES	The status code for this shipment. For example, CLOSED, IN_PROCESS, SHIPPED, etc.
	record_creation_type	VARCHAR (30)	YES	Code indicating how this record was created (ALL, HOME_OFFICE, OTHER, or STORE).
	destination rtl loc id	INTEGER	YES	The retail location identifier for where the shipment is going.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	destination_name	VARCHAR (254)	YES	The name of the destination for the shipment.
	shipping_method	VARCHAR (254)	YES	The means by which the item was shipped.
	shipping_label	VARCHAR (MAX)	YES	Base64 encoded string representing a shipping label image returned from a third party shipping service such as FedEx or UPS.
	destination_type	VARCHAR (30)	YES	A destination type for the shipment. The valid values are (PARTY, RETAIL_LOCATION, and SERVICE_LOCATION)
	destination_service_loc_id	VARCHAR (60)	YES	A service location id, if one exists for the shipment.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_shipment Relationships

Parent Entity	Child Entity	Type
inv_invctl_document	inv_shipment	Identifying
crm_party	inv_shipment	Non-Identifying
loc rtl loc	inv_shipment	Non-Identifying
inv_shipment	inv_shipment_address	Identifying
inv_shipment	inv_shipment_lines	Identifying
inv_shipment	inv_shipment_p	Identifying

inv_shipment_address

Contains address and contact information for an inventory shipment.

inv_shipment_address Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_tpcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports.
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	shipment_seq	INTEGER	NO	The sequence number within the table to keep the shipment record ordered and unique.
	address1	VARCHAR (254)	YES	The first line of the address.
	address2	VARCHAR (254)	YES	The second line of the address.
	address3	VARCHAR (254)	YES	The third line of the address.
	address4	VARCHAR (254)	YES	The fourth line of the address.
	apartment	VARCHAR (30)	YES	The apartment component of the address.
	city	VARCHAR (254)	YES	The city component of an address.
	state	VARCHAR (30)	YES	The state component of an address.
	postal_code	VARCHAR (30)	YES	The postal (zip) code component of an address.
	country	VARCHAR (2)	YES	The country component of an address.
	neighborhood	VARCHAR (254)	YES	The neighborhood of an address.
	county	VARCHAR (254)	YES	The county component of an address.
	telephone1	VARCHAR (32)	YES	The primary telephone number.
	telephone2	VARCHAR (32)	YES	The alternate telephone number.
	telephone3	VARCHAR (32)	YES	The alternate telephone number.
	telephone4	VARCHAR (32)	YES	The alternate telephone number.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_shipment_address Relationships

Parent Entity	Child Entity	Type
inv_shipment	inv_shipment_address	Identifying
inv_shipment_address	inv_shipment_address_p	Identifying

inv_shipment_address_p

Contains property code and value information for table INV_SHIPMENT_ADDRESS.

inv_shipment_address_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports.
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	shipment_seq	INTEGER	NO	The sequence number within the table to keep the shipment record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_SHIPMENT_ADDRESS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_shipment_address_p Relationships

Parent Entity	Child Entity	Type

Parent Entity	Child Entity	Type
inv_shipment_address	inv_shipment_address_p	Identifying

inv_shipment_lines

Contains information linking inventory control document line numbers to an inventory control document.

inv_shipment_lines Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_tpcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports.
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	shipment_seq	INTEGER	NO	The sequence number within the table to keep the shipment record ordered and unique.
X	lineitm_seq	INTEGER	NO	The sequence number within the table to keep the line item record ordered and unique.
	invctl_document_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
	ship_qty	NUMERIC (11,4)	YES	The shipment quantity.
	carton_id	VARCHAR (60)	YES	The carton identifier.
	status_code	VARCHAR (30)	YES	The current status of the shipment.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_shipment_lines Relationships

Parent Entity	Child Entity	Type
inv_shipment	inv_shipment_lines	Identifying
inv_carton	inv_shipment_lines	Non-Identifying
inv_shipment_lines	inv_shipment_lines_p	Identifying

inv_shipment_lines_p

Contains property code and value information for table INV_SHIPMENT_LINES.

inv_shipment_lines_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_tpcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports.
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	shipment_seq	INTEGER	NO	The sequence number within the table to keep the shipment record ordered and unique.
X	lineitm_seq	INTEGER	NO	The sequence number within the table to keep the line item record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_SHIPMENT_LINES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_shipment_lines_p Relationships

Parent Entity	Child Entity	Type
inv_shipment_lines	inv_shipment_lines_p	Identifying

inv_shipment_p

Contains property code and value information for table INV_SHIPMENT.

inv_shipment_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the specific task that this inventory document supports.
X	invctl_document_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	shipment_seq	INTEGER	NO	The sequence number within the table to keep the shipment record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_SHIPMENT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_shipment_p Relationships

Parent Entity	Child Entity	Type
inv_shipment	inv_shipment_p	Identifying

inv_shipper

Contains available shippers to be used when shipping items to various locations. Examples are DHL, FedEx, UPS, Store Truck, etc.

inv_shipper Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	shipper_id	VARCHAR (60)	NO	Unique Id identifying entry.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123)
	shipper_desc	VARCHAR (254)	YES	Description of shipper.
	display_order	INTEGER	YES	Order to display in a list of shippers.
	tracking_number_flag	BIT	YES	Determines if a manual tracking number is prompted for during the shipping process if a tracking number has not been captured by some other means, such as a third party shipping service like FedEx or UPS.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_shipper Relationships

Parent Entity	Child Entity	Type
inv_shipper	inv_shipper_p	Identifying

Parent Entity	Child Entity	Type
inv_shipper	inv_shipper_method	Non-Identifying

inv_shipper_method

Contains shipping methods for given shippers, used for shipping cost calculation and shipping label generation, if using third party shipping services such as FedEx or UPS.

inv_shipper_method Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	shipper_method_id	VARCHAR (60)	NO	Unique Id identifying entry.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	shipper_method_desc	VARCHAR (254)	YES	Description of Shipping method.
	shipper_id	VARCHAR (60)	YES	Represents value from inv_shipper table.
	domestic_service_code	VARCHAR (60)	YES	Domestic code from a third party shipping service such as FedEx or UPS, used when making requests to the third party service
	intl_service_code	VARCHAR (60)	YES	International code from a third party shipping service such as FedEx or UPS, used when making requests to the third party service.
	display_order	INTEGER	YES	Order to display shipping methods in a list of shipping methods.
	priority	INTEGER	YES	Priority of the shipping method.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_shipper_method Relationships

Parent Entity	Child Entity	Type
inv_shipper	inv_shipper_method	Non-Identifying
inv_shipper_method	inv_shipper_method_p	Identifying

inv_shipper_method_p

Contains property code and value information for table INV_SHIPPER_METHOD.

inv_shipper_method_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	shipper_method_id	VARCHAR (60)	NO	Unique Id identifying entry.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_SHIPPER_METHOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_shipper_method_p Relationships

Parent Entity	Child Entity	Type
inv_shipper_method	inv_shipper_method_p	Identifying

inv_shipper_p

Contains property code and value information for table INV_SHIPPER.

inv_shipper_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	shipper_id	VARCHAR (60)	NO	Unique Id identifying entry.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_SHIPPER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_shipper_p Relationships

Parent Entity	Child Entity	Type
inv_shipper	inv_shipper_p	Identifying

inv_stock_fiscal_year

Table that is used for fiscal year reference.

inv_stock_fiscal_year Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	fiscal_year	INTEGER	NO	Fiscal Year.
	start_date	DATETIME	YES	Start date for the fiscal year.
	end_date	DATETIME	YES	End date for the fiscal year.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_stock_fiscal_year Relationships

Parent Entity	Child Entity	Type
inv_stock_fiscal_year	inv_cst_item_yearend	Identifying
inv_stock_fiscal_year	inv_stock_fiscal_year_p	Identifying

[inv_stock_fiscal_year_p](#)

Contains property code and value information for table INV_STOCK_FISCAL_YEAR.

inv_stock_fiscal_year_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	fiscal_year	INTEGER	NO	Fiscal Year.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_STOCK_FISCAL_YEAR (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_stock_fiscal_year_p Relationships

Parent Entity	Child Entity	Type
inv_stock_fiscal_year	inv_stock_fiscal_year_p	Identifying

inv_stock_ledger_acct

Contains a unit record of a location inside a store where a stock item is stored or displayed for sale, and for which an item stock on hand count and dollar value is maintained.

inv_stock_ledger_acct Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	inv_location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise.
X	bucket_id	VARCHAR (60)	NO	The identifier for an inventory item classification. For example, DAMAGED, RETURNED, ON_LAYAWAY, RECEIVED_SPECIAL_ORDER, SEND_SALE_HOLD, WORK_ORDER_ITEMS, ON_HAND, etc.
X	item_id	VARCHAR (60)	NO	An identifier that uniquely identifies an item.
	unitcount	NUMERIC (14,4)	YES	The number of units present at the beginning of the accounting period.
	inventory_value	NUMERIC (17,6)	YES	The value of each item represented by this ledger entry; the retail price or the cost to the store for the item. Tracked in itm_item.unit_cost. Only populated when a new stock ledger record is created. The value populated here is dependent on the ledger method being used (configured via SystemConfig.xml)
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_stock_ledger_acct Relationships

Parent Entity	Child Entity	Type
inv_bucket	inv_stock_ledger_acct	Identifying
inv_location	inv_stock_ledger_acct	Identifying
inv_stock_ledger_acct	inv_serialized_stock_ledger	Identifying
inv_stock_ledger_acct	inv_stock_ledger_acct_p	Identifying

[inv_stock_ledger_acct_p](#)

Contains property code and value information for table INV_STOCK_LEDGER_ACCT.

inv_stock_ledger_acct_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	item_id	VARCHAR (60)	NO	An identifier that uniquely identifies an item.
X	bucket_id	VARCHAR (60)	NO	The identifier for an inventory item classification. For example, DAMAGED, RETURNED, ON_LAYAWAY, RECEIVED_SPECIAL_ORDER, SEND_SALE_HOLD, WORK_ORDER_ITEMS, ON_HAND, etc.
X	inv_location_id	VARCHAR (60)	NO	A unique identifier for a specific inventory location within the retail enterprise.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_STOCK_LEDGER_ACCT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_stock_ledger_acct_p Relationships

Parent Entity	Child Entity	Type
inv_stock_ledger_acct	inv_stock_ledger_acct_p	Identifying

inv_sum_count_trans_dtl

Contains details for the transaction performed during the location summary count process (blind count). The information is printed on a receipt. This table holds the data as transaction details. The transaction header data is stored in the existing trn_trans table.

inv_sum_count_trans_dtl Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	trans_line_seq	INTEGER	NO	The sequence number of a line item within the context of this inventory transaction.
	location_id	VARCHAR (60)	YES	The inventory location that was counted.
	bucket_id	VARCHAR (60)	YES	The inventory bucket associated with location_id that was counted (for example, ON_HAND).
	system_count	NUMERIC (14,4)	YES	The sum of the unit counts from the stock ledger for this location_id and bucket_id.
	declared_count	NUMERIC (14,4)	YES	The count entered by the user.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_sum_count_trans_dtl Relationships

Parent Entity	Child Entity	Type
inv_movement_pending	inv_sum_count_trans_dtl	Identifying
inv_location_bucket	inv_sum_count_trans_dtl	Non-Identifying
inv_sum_count_trans_dtl	inv_sum_count_trans_dtl_p	Identifying

inv_sum_count_trans_dtl_p

Contains property code and value information for table INV_SUM_COUNT_TRANS_DTL.

inv_sum_count_trans_dtl_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	trans_line_seq	INTEGER	NO	The sequence number of a line item within the context of this inventory transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_SUM_COUNT_TRANS_DTL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_sum_count_trans_dtl_p Relationships

Parent Entity	Child Entity	Type
inv_sum_count_trans_dtl	inv_sum_count_trans_dtl_p	Identifying

inv_valid_destinations

Contains information for the valid destinations for shipping activities.

inv_valid_destinations Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the primary type of the document (SHIPPING, RECEIVING, ADJUSTMENT).
X	document_subtypcode	VARCHAR (30)	NO	Describes the specific type of document within the primary type (SENDSALE, ASN, STORE_TRANSFER, RETURN_TO_VENDOR, ADJUSTMENT, SALE).
X	destination_type_enum	VARCHAR (30)	NO	Mapping for the activity types (PARTY or RETAIL_LOCATION).
X	destination_id	VARCHAR (60)	NO	Unique identifier for a destination.
	description	VARCHAR (254)	YES	Description of the valid destination.
	sort_order	INTEGER	YES	Indicates the order in which valid destinations are displayed in the list.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_valid_destinations Relationships

Parent Entity	Child Entity	Type
loc rtl_loc	inv_valid_destinations	Identifying
inv_valid_destinations	inv_valid_destinations_p	Identifying

inv_valid_destinations_p

Contains property code and value information for table INV_VALID_DESTINATIONS.

inv_valid_destinations_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	document_typcode	VARCHAR (30)	NO	Describes the primary type of the document (SHIPPING, RECEIVING, ADJUSTMENT).
X	document_subtypcode	VARCHAR (30)	NO	Describes the specific type of document within the primary type (SENDSALE, ASN, STORE_TRANSFER, RETURN_TO_VENDOR, ADJUSTMENT, SALE).
X	destination_type_enum	VARCHAR (30)	NO	Mapping for the activity types (PARTY or RETAIL_LOCATION).
X	destination_id	VARCHAR (60)	NO	Unique identifier for a destination.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table INV_VALID_DESTINATIONS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

inv_valid_destinations_p Relationships

Parent Entity	Child Entity	Type
inv_valid_destinations	inv_valid_destinations_p	Identifying

Domain: ITM

Item Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

itm_attached_items

Contains mapping information between a sold item and an attached item. This creates a relationship between items for the purpose of automatically adding an “attached” item to a transaction when another item is sold.

itm_attached_items Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	sold_item_id	VARCHAR (60)	NO	Item Id of the item that was added to the sale.
X	attached_item_id	VARCHAR (60)	NO	Item Id of the item that will automatically be added to the sold item in the sale.
X	level_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
X	level_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	begin_datetime	DATETIME	YES	Date and time the attachment becomes effective.
	end_datetime	DATETIME	YES	Date and time the attachment expires.
	prompt_to_add_flag	BIT	YES	If true, the user will be prompted with a custom message.
	prompt_to_add_msg_key	VARCHAR (254)	YES	Translation key for the custom message prompt.
	quantity_to_add	NUMERIC (11,4)	YES	Quantity of the attached item to add to the sale.
	lineitm_assoc_typcode	VARCHAR (30)	YES	Association type code (NO_QTY_CHG, NO_PRICE_CHG, CASCADE, NO_DELETES).
	prompt_for_return_flag	BIT	YES	If true, there is a prompt message associated with returning this attached item.
	prompt_for_return_msg_key	VARCHAR (254)	YES	Specifies the translation property key for the return prompt message for when prompt_for_return_flag is true.
	external_id	VARCHAR (60)	YES	Records RPM price change ID.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	external_system	VARCHAR (60)	YES	Records RPM change system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_attached_items Relationships

Parent Entity	Child Entity	Type
itm_item	itm_attached_items	Identifying
itm_item	itm_attached_items	Identifying
itm_attached_items	itm_attached_items_p	Identifying

itm_attached_items_p

Contains property code and value information for table ITM_ATTACHED_ITEMS.

itm_attached_items_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	sold_item_id	VARCHAR (60)	NO	Item Id of the item that was added to the sale.
X	attached_item_id	VARCHAR (60)	NO	Item Id of the item that will automatically be added to the sold item in the sale.
X	level_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
X	level_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ATTACHED_ITEMS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_attached_items_p Relationships

Parent Entity	Child Entity	Type
itm_attached_items	itm_attached_items_p	Identifying

itm_item

Contains information about items.

itm_item Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	name	VARCHAR (254)	YES	The name by which the item is known.
	description	VARCHAR (254)	YES	The text description of the item and its characteristics.
	merch_level_1	VARCHAR (60)	YES	A unique identifier for the POS selling location within the store.
	merch_level_2	VARCHAR (60)	YES	Unique identifier within a department.
	merch_level_3	VARCHAR (60)	YES	A unique identifier to denote a class of items as a product of a single supplier or manufacturer.
	merch_level_4	VARCHAR (60)	YES	Unique identifier within a class.
	list_price	DECIMAL (17,6)	YES	The suggested sale unit retail price provided by the item's manufacturer.
	measure_req_flag	BIT	YES	A flag indicating whether or not the weight of the item being sold must be entered into the system (either manually or automatically) to derive the retail price.
	item_lvlcode	VARCHAR (30)	YES	For item records, this value must be ITEM. For style records, this value must be STYLE.
	parent_item_id	VARCHAR (60)	YES	The identifier for the parent item.
	not_inventoried_flag	BIT	YES	A flag indicating whether or not this item will be inventoried.
	serialized_item_flag	BIT	YES	If true, indicates this is a serialized item.
	item_typcode	VARCHAR (30)	YES	Denotes the type of item (STANDARD, NON_PHYSICAL).
	dvt_class_name	VARCHAR (254)	YES	Metadata column that denotes the java concrete implementation of the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	dimension_system	VARCHAR (60)	YES	A user-defined code for the general dimension structure an item belongs to. This value ties the item to the itm_item_dimension_type table. This value only needs to be populated for styles.
	disallow_matrix_display_flag	BIT	YES	Responsible for controlling the display of a level on the item matrix.
	item_matrix_color	VARCHAR (20)	YES	The item matrix color.
	dimension1	VARCHAR (30)	YES	The value for the first dimension. If present, this should correspond to one of the coded values in itm_item_dimension_value.
	dimension2	VARCHAR (30)	YES	The value for the second dimension. If present, this should correspond to one of the coded values in itm_item_dimension_value.
	dimension3	VARCHAR (30)	YES	The value for the third dimension. If present, this should correspond to one of the coded values in itm_item_dimension_value.
	external_system	VARCHAR (60)	YES	Records RPM change system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across timezones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across timezones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item Relationships

Parent Entity	Child Entity	Type
itm_item	itm_item	Non-Identifying
itm_item_dimension_type	itm_item	Non-Identifying
itm_item_dimension_type	itm_item	Non-Identifying
itm_item_dimension_type	itm_item	Non-Identifying
itm_item	cwo_task	Identifying
itm_item	cwo_work_order_pricing	Identifying

Parent Entity	Child Entity	Type
itm_item	dsc_discount_item_exclusions	Identifying
itm_item	dsc_discount_item_inclusions	Identifying
itm_item	itm_attached_items	Identifying
itm_item	itm_attached_items	Identifying
itm_item	itm_item_deal_prop	Identifying
itm_item	itm_item_images	Identifying
itm_item	itm_item_label_properties	Identifying
itm_item	itm_item_msg_cross_reference	Identifying
itm_item	itm_item_options	Identifying
itm_item	itm_item_p	Identifying
itm_item	itm_item_prices	Identifying
itm_item	itm_item_prompt_properties	Identifying
itm_item	itm_kit_component	Identifying
itm_item	itm_kit_component	Identifying
itm_item	itm_matrix_sort_order	Identifying
itm_item	itm_non_phys_item	Identifying
itm_item	itm_quick_items	Identifying
itm_item	itm_refund_schedule	Identifying
itm_item	itm_substitute_items	Identifying
itm_item	itm_substitute_items	Identifying
itm_item	itm_warranty_item	Identifying
itm_item	itm_warranty_item_price	Identifying
itm_item	itm_warranty_item_xref	Identifying
itm_item	itm_item_cross_reference	Non-Identifying
itm_item	com_shipping_cost	Non-Identifying
itm_item	com_shipping_fee_tier	Non-Identifying
itm_item	itm_item	Non-Identifying

Parent Entity	Child Entity	Type
itm_item	itm_warranty	Non-Identifying
itm_item	itm_warranty	Non-Identifying

itm_item_cross_reference

Contains information for item lookup by manufacturer's UPC.

itm_item_cross_reference Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	manufacturer_upc	VARCHAR (60)	NO	UPC of this item from this manufacturer.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
	manufacturer	VARCHAR (254)	YES	An external party who makes items used by the enterprise.
	primary_flag	BIT	NO	Identifies the Manufacturer's UPC used on the receipt.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_cross_reference Relationships

Parent Entity	Child Entity	Type
itm_item	itm_item_cross_reference	Non-Identifying
itm_item_cross_reference	itm_item_cross_reference_p	Identifying

itm_item_cross_reference_p

Contains property code and value information for table ITM_ITEM_CROSS_REFERENCE.

itm_item_cross_reference_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	manufacturer_upc	VARCHAR (60)	NO	UPC of this item from this manufacturer.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_CROSS_REFERENCE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_cross_reference_p Relationships

Parent Entity	Child Entity	Type
itm_item_cross_reference	itm_item_cross_reference_p	Identifying

itm_item_deal_prop

Used to define item properties, other than pricing. The itm_item_prices table is used for prices.

itm_item_deal_prop Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	itm_deal_property_code	VARCHAR (30)	NO	Identifier of the property associated with the item Id.
X	effective_date	DATETIME	NO	The date the activity is ready for service or action.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123.
	expiration_date	DATETIME	YES	The date the activity is no longer available for service or action.
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_deal_prop Relationships

Parent Entity	Child Entity	Type
itm_item	itm_item_deal_prop	Identifying
itm_item_deal_prop	itm_item_deal_prop_p	Identifying

itm_item_deal_prop_p

Contains property code and value information for table ITM_ITEM DEAL_PROP.

itm_item_deal_prop_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	itm_deal_property_code	VARCHAR (30)	NO	Identifier of the property associated with the item Id.
X	effective_date	DATETIME	NO	The date the activity is ready for service or action.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM DEAL_PROP (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_deal_prop_p Relationships

Parent Entity	Child Entity	Type
itm_item_deal_prop	itm_item_deal_prop_p	Identifying

itm_item_dimension_type

Contains the types of dimensions associated with a dimension system.

itm_item_dimension_type Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	dimension_system	VARCHAR (60)	NO	A user-defined code for the generalized dimension structure an item belongs to.
X	dimension	VARCHAR (30)	NO	The specific code values belonging to a dimension system. For example, COLOR, SIZE, etc.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123.
	seq	INTEGER	YES	A number that correlates this dimension type with one of the values associated with an item in the itm_item_dimension table. For example, dimension COLOR and sequence 1 in this table means that dimension1 in itm_item_dimension for an item using this dimension system is the color of that item.
	sort_order	INTEGER	YES	[Optional] This value determines the row/column/page order represented in the grid view of inventories for that style. The lowest value is the row dimension, the next-highest value is the column dimension, and highest value is the page dimension. Also, when selling an item by style, this value determines the order in which the system prompts for dimension values. If not specified, the order will be arbitrary; however, the default will be the way in which the data was retrieved from the database.
	description	VARCHAR (254)	YES	[Optional] The text description for a dimension code used for display. If this description is not defined, the system displays the dimension code value.
	prompt_msg	VARCHAR (254)	YES	[Optional] When selling an item by style, the message displayed to the user when prompting for values for this dimension type. This value can be a literal value or a translation key. If not specified, a default message will be used.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_dimension_type Relationships

Parent Entity	Child Entity	Type
itm_item_dimension_type	itm_item_dimension_type_p	Identifying
itm_item_dimension_type	itm_item_dimension_value	Identifying
itm_item_dimension_type	itm_item	Non-Identifying
itm_item_dimension_type	itm_item	Non-Identifying
itm_item_dimension_type	itm_item	Non-Identifying

itm_item_dimension_type_p

Contains property code and value information for table ITM_ITEM_DIMENSION_TYPE.

itm_item_dimension_type_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	dimension_system	VARCHAR (60)	NO	A user-defined code for the generalized dimension structure an item belongs to.
X	dimension	VARCHAR (30)	NO	The specific code values belonging to a dimension system. For example, COLOR, SIZE, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_DIMENSION_TYPE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_dimension_type_p Relationships

Parent Entity	Child Entity	Type
itm_item_dimension_type	itm_item_dimension_type_p	Identifying

itm_item_dimension_value

Contains the values associated with each dimension within a dimension system.

itm_item_dimension_value Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	dimension_system	VARCHAR (60)	NO	A user-defined code for the generalized dimension structure an item belongs to.
X	dimension	VARCHAR (30)	NO	The specific code values belonging to a dimension system. For example, COLOR, SIZE, etc.
X	value	VARCHAR (60)	NO	The specific value that exists for a given dimension type for a given dimension system. This is a coded value, e.g. S, M, L, etc.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123.
	sort_order	INTEGER	YES	[Optional] In the item grid, this determines the order in which dimension values appear. Values sorted in ascending order appear: Top to bottom for rows, Left to right for columns, First to last for page. When selling an item by style, this determines the order in which dimension values appear in the prompt list. If not specified, the order will be arbitrary; however, the default will be the way in which the data was retrieved from the database.
	description	VARCHAR (254)	YES	[Optional] The text description of the value code. If this description is not defined, the system displays the code value.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_dimension_value Relationships

Parent Entity	Child Entity	Type
itm_item_dimension_type	itm_item_dimension_value	Identifying
itm_item_dimension_value	itm_item_dimension_value_p	Identifying

itm_item_dimension_value_p

Contains property code and value information for table ITM_ITEM_DIMENSION_VALUE.

itm_item_dimension_value_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	dimension_system	VARCHAR (60)	NO	A user-defined code for the generalized dimension structure an item belongs to.
X	dimension	VARCHAR (30)	NO	The specific code values belonging to a dimension system. For example, COLOR, SIZE, etc.
X	value	VARCHAR (60)	NO	The specific value that exists for a given dimension type for a given dimension system. This is a coded value, e.g. S, M, L, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_DIMENSION_VALUE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_dimension_value_p Relationships

Parent Entity	Child Entity	Type
itm_item_dimension_value	itm_item_dimension_value_p	Identifying

itm_item_images

Multiple item images support.

itm_item_images Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	feature_id	VARCHAR (60)	NO	* - (star) means the image is available on any features/regions. (Valid values: *, QUICK_ITEMS, WISH_LIST, ITEM_RESULT, PURCHASE_HISTORY).
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	image_url	VARCHAR (254)	YES	A url as the previously existing itm_item.item_url.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_images Relationships

Parent Entity	Child Entity	Type
itm_item	itm_item_images	Identifying
itm_item_images	itm_item_images_p	Identifying

itm_item_images_p

Contains property code and value information for table ITM_ITEM_IMAGES.

itm_item_images_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	feature_id	VARCHAR (60)	NO	* - (star) means the image is available on any features/regions. (Valid values: *, QUICK_ITEMS, WISH_LIST, ITEM_RESULT, PURCHASE_HISTORY).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_IMAGES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_images_p Relationships

Parent Entity	Child Entity	Type
itm_item_images	itm_item_images_p	Identifying

itm_item_label_batch

The stored configuration for an item label.

itm_item_label_batch Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	batch_name	VARCHAR (30)	NO	The name of the label batch.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	stock_label	VARCHAR (20)	NO	The Label Identifier.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	count	INTEGER	NO	The number of times the item is printed to the label.
	overriden_price	DECIMAL (17,6)	YES	Used to save the overridden price.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_label_batch Relationships

Parent Entity	Child Entity	Type
itm_item_label_properties	itm_item_label_batch	Identifying
itm_item_label_batch	itm_item_label_batch_p	Identifying

itm_item_label_batch_p

Contains property code and value information for table ITM_ITEM_LABEL_BATCH.

itm_item_label_batch_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	batch_name	VARCHAR (30)	NO	The name of the label batch.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	stock_label	VARCHAR (20)	NO	The Label Identifier.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_LABEL_BATCH (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_label_batch_p Relationships

Parent Entity	Child Entity	Type
itm_item_label_batch	itm_item_label_batch_p	Identifying

itm_item_label_properties

Used to define the label properties for an item.

itm_item_label_properties Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	stock_label	VARCHAR (30)	YES	The Label Identifier.
	logo_url	VARCHAR (254)	YES	The url of the logo being used on the receipt.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_label_properties Relationships

Parent Entity	Child Entity	Type
itm_item	itm_item_label_properties	Identifying
itm_item_label_properties	itm_item_label_batch	Identifying
itm_item_label_properties	itm_item_label_properties_p	Identifying

itm_item_label_properties_p

Contains property code and value information for table ITM_ITEM_LABEL_PROPERTIES.

itm_item_label_properties_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_LABEL_PROPERTIES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_label_properties_p Relationships

Parent Entity	Child Entity	Type
itm_item_label_properties	itm_item_label_properties_p	Identifying

itm_item_msg

Contains information for messages that need to be displayed in relation to items on a sale.

itm_item_msg Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	msg_id	VARCHAR (60)	NO	A unique identifier for the message.
X	effective_datetime	DATETIME	NO	The date on which a specific item message became operative.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	expr_datetime	DATETIME	YES	The date after which the item message can no longer be displayed.
	msg_key	VARCHAR (254)	NO	The key for the message to be displayed. This field supports entering the following information: 1. An i18n translation containing the name of a text, html, or image file. The i18n (translation) key maps to the path and file name of the desired image in the applicable translation properties file. The image path should be relative to the <MessageFilePath> in SystemConfig.xml. 2. The name of a text or html file.
	title_key	VARCHAR (254)	YES	The i18n (translation) key of the message title.
	content_type	VARCHAR (30)	YES	The type of content of the message. The title image message must contain the value: image/? . A composite message must contain the value: multipart/mixed. A text or HTML message must contain the value: text/html.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_msg Relationships

Parent Entity	Child Entity	Type
itm_item_msg	itm_item_msg_p	Identifying

itm_item_msg_cross_reference

Contains information cross-referencing an item to an item message, allowing a message to be reused for multiple items.

itm_item_msg_cross_reference Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	msg_id	VARCHAR (60)	NO	A unique identifier for the message.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_msg_cross_reference Relationships

Parent Entity	Child Entity	Type
itm_item	itm_item_msg_cross_reference	Identifying
itm_item_msg_cross_reference	itm_item_msg_cross_reference_p	Identifying

itm_item_msg_cross_reference_p

Contains property code and value information for table ITM_ITEM_MSG_CROSS_REFERENCE.

itm_item_msg_cross_reference_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	msg_id	VARCHAR (60)	NO	A unique identifier for the message.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_MSG_CROSS_REFERENCE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_msg_cross_reference_p Relationships

Parent Entity	Child Entity	Type
itm_item_msg_cross_reference	itm_item_msg_cross_reference_p	Identifying

itm_item_msg_p

Contains property code and value information for table ITM_ITEM_MSG.

itm_item_msg_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	msg_id	VARCHAR (60)	NO	A unique identifier for the message.
X	effective_datetime	DATETIME	NO	The date on which a specific item message became operative.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_MSG (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_msg_p Relationships

Parent Entity	Child Entity	Type
itm_item_msg	itm_item_msg_p	Identifying

itm_item_msg_types

Specifies the type of transactions for which item messages are displayed.

itm_item_msg_types Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	msg_id	VARCHAR (60)	NO	A unique identifier for the message.
X	sale_lineitem_typcode	VARCHAR (30)	NO	Code representing a type of line item (SALE, RETURN, etc.).
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_msg_types Relationships

Parent Entity	Child Entity	Type
itm_item_msg_types	itm_item_msg_types_p	Identifying

itm_item_msg_types_p

Contains property code and value information for table ITM_ITEM_MSG_TYPES.

itm_item_msg_types_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	sale_lineitm_typcode	VARCHAR (30)	NO	Code representing a type of line item (SALE, RETURN, etc.).
X	msg_id	VARCHAR (60)	NO	A unique identifier for the message.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_MSG_TYPES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_msg_types_p Relationships

Parent Entity	Child Entity	Type
itm_item_msg_types	itm_item_msg_types_p	Identifying

itm_item_options

Contains information about items.

itm_item_options Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	level_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
X	level_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	unit_cost	NUMERIC (17,6)	YES	The cost for each retail sale unit of this item.
	curr_sale_price	NUMERIC (17,6)	YES	The current retail price per sale unit of the item. This monetary amount is used as the basis for deriving retail price at the point of sale.
	unit_of_measure_code	VARCHAR (30)	YES	The code used to specify the units in which a value is being expressed, or manner in which a measurement has been taken. This code relates to the UCC data element 355.
	compare_at_price	NUMERIC (17,6)	YES	Provides the monetary saving that can be gained by the purchase of this item at this time from this retail store. Used as a promotional tool, this saving (normally between the normal selling retail price and the price shown at the point of sale) is usually printed on the shelf label and the customer receipt to reinforce the marketing strategy of this retailer.
	min_sale_unit_count	NUMERIC (11,4)	YES	Minimum quantity of this item that may be sold in a single transaction.
	max_sale_unit_count	NUMERIC (11,4)	YES	The maximum quantity of this item that may be sold in a single transaction.
	item_availability_code	VARCHAR (30)	YES	AVAILABLE if item is available for sale. NA if item is not available for sale. RECALL if the item has been recalled.
	disallow_discounts_flag	BIT	YES	If true, item cannot be discounted.
	prompt_for_quantity_flag	BIT	YES	A flag indicating whether or not the item quantity must be manually entered when this item is sold.
	prompt_for_price_flag	BIT	YES	A flag indicating whether or not the retail price must be manually entered when this item is sold.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	prompt_for_description_flag	BIT	YES	A flag indicating whether or not the item description must be manually entered when this item is sold.
	force_quantity_of_one_flag	BIT	YES	If true, item quantity cannot be changed from 1.
	not_returnable_flag	BIT	YES	A flag indicating whether or not this item may be returned (for example, freezer or chilled merchandise).
	no_giveaways_flag	BIT	YES	A flag indicating whether or not this item may be given away free as part of a promotion.
	attached_items_flag	BIT	YES	If true, the system will check for attached items to be added to the transaction.
	substitute_available_flag	BIT	YES	If true, there is a substitute item available for sale within the retail store.
	tax_group_id	VARCHAR (60)	YES	A unique retailer assigned identifier for the tax group.
	messages_flag	BIT	YES	If true, indicates that there are additional messages attached to this item.
	vendor	VARCHAR (256)	YES	The seller of the item to the store.
	season_code	VARCHAR (30)	YES	Code that denotes the particular time of year that this item is associated with.* Display only field.
	part_number	VARCHAR (254)	YES	A part number identifying this item. * Display only field.
	qty_scale	INTEGER	YES	Multiple of the unit of measure at which this item is sold.
	restocking_fee	NUMERIC (17,6)	YES	Fee applied when this item is returned.
	special_order_lead_days	INTEGER	YES	Number of extra days required for a special order.
	apply_restocking_fee_flag	BIT	YES	If true, a restocking fee will be charged when this item is returned.
	disallow_send_sale_flag	BIT	YES	If true, item cannot be added to a send sale transaction type.
	disallow_price_change_flag	BIT	YES	If true, item price cannot be changed.
	disallow_layaway_flag	BIT	YES	If true, item cannot be added to a layaway transaction type.
	disallow_special_order_flag	BIT	YES	If true, item cannot be added to a special order transaction type.
	disallow_work_order_flag	BIT	YES	If true, item cannot be added to a work order transaction type.
	disallow_commission_flag	BIT	YES	If true, this item does not qualify for commission.
	warranty_flag	BIT	YES	If true, a warranty plan is associated with this item.
	generic_item_flag	BIT	YES	If true, this is a generic item.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	min_age_required	INTEGER	YES	The minimum age (in years) required to purchase an item. When an item is configured with a value here, a prompt will be displayed with the pre-calculated valid birth date asking the user to validate the purchaser's age. When PromptForBirthDate (SystemConfig.xml) is set to true, a prompt will be displayed to enter a birth date and the purchaser's age will be validated. If the purchaser is not old enough to buy the item, it will be added to the transaction as a void line item.
	initial_sale_qty	NUMERIC (11,4)	YES	The default item sale quantity. For example, may be set to 2 for earrings.
	disposition_code	VARCHAR (30)	YES	The code relating to the way an item will be dispositioned. This is the damage code for damage receipts.
	foodstamp_eligible_flag	BIT	YES	If true, this item may be purchased using foodstamps.
	stock_status	VARCHAR (60)	YES	The item's status based on its stock availability. The following values are fixed: RESTRICTED_QTY, DISCONTINUED, CLEARANCE. In addition to the 3 fixed values, customer-defined values are also supported. For example; AVAILABLE, AVAILABLE_HIGH DEMAND.
	prompt_for_customer	VARCHAR (30)	YES	The type of customer prompting used for selling this item. Valid Values include CUSTOMER_NOT_REQUIRED (no prompt is displayed), CUSTOMER_PROMPT_REQUIRED (customer must be assigned to sell this item), CUSTOMER_PROMPT_OPTIONAL (customer prompt displays, but may be skipped by the user). Null values are treated the same as CUSTOMER_NOT_REQUIRED.
	shipping_weight	NUMERIC (12,3)	YES	The weight of a merchandise item, used by the POS in the calculation of send sale shipping fees under certain configurations. The weight is derived from the SKU (itm_item.shipping_weight), or, in the absence of a pre-configured value, prompted for and entered by the user.
	disallow_order_flag	BIT	YES	If true, this item cannot be ordered via Oracle Retail Order Broker Cloud Service Order functionality.
	disallow_deals_flag	BIT	YES	If true, this item does not qualify for deals.
	pack_size	NUMERIC (11,4)	YES	Defines the pack size of an item for shipping or replenishment purpose.
	default_source_type	VARCHAR (60)	YES	Defines the default source type of an item. Should be STORE, DC or VENDOR for the replenishment module.
	default_source_id	VARCHAR (60)	YES	Defines the id of the default source of the item.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	disallow_rain_check	BIT	YES	Disallow rain checks per item.
	selling_group_id	VARCHAR (60)	YES	The identifier for a specific assemblage of people/objects regarded as a unit. For example; CASHIER, EVERYONE, MANAGER.
	fiscal_item_id	VARCHAR (254)	YES	Storage for fiscal item ID.
	fiscal_item_description	VARCHAR (254)	YES	Storage for fiscal item description.
	exclude_from_net_sales_flag	BIT	YES	If true, this item will not be attributed as revenue.
	external_system	VARCHAR (60)	YES	Records RPM change system.
	tare_value	NUMERIC(11,4)	YES	This value indicates the tare value for a item.
	tare_unit_of_measure_code	VARCHAR(30)	YES	Unit of measure code, which describes the tare.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across timezones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across timezones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_options Relationships

Parent Entity	Child Entity	Type
itm_item	itm_item_options	Identifying
itm_item_options	itm_item_options_p	Identifying

itm_item_options_p

Contains property code and value information for table ITM_ITEM_OPTIONS.

itm_item_options_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	level_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
X	level_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_OPTIONS(key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_options_p Relationships

Parent Entity	Child Entity	Type
itm_item_options	itm_item_options_p	Identifying

itm_item_p

Contains property code and value information for table ITM_ITEM.

itm_item_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_p Relationships

Parent Entity	Child Entity	Type
itm_item	itm_item_p	Identifying

itm_item_prices

This table is used to determine item pricing in a hierarchy-based pricing scheme. This table defines item prices and attaches them to a level code and level value. In the “location-based hierarchical pricing” scheme, an item’s price is determined by consulting one or more key-joined itm_item_prices records which are themselves selected by consulting the location hierarchy populated by either the loc_org_hierarchy record or the loc_pricing_hierarchy record. The two hierarchy tables store the same data for the purposes of the price provider. The loc_org_hierarchy table is a general-purpose hierarchy table that is able to drive more functionality in addition to prices, while the loc_pricing_hierarchy table stores less information and is designed only for the price provider. In the scope of the price provider itself, the two tables are interchangeable. In fact, their primary keys are identical. Note: The itm_item_prices table is similar to the itm_item_properties table, however, it is used only for prices, not arbitrary properties. The level code and level value in this table are not specific to either hierarchy table, and like the rest of the schema, there are no foreign keys or data constraints. Clients may connect to either hierarchy using this prices table.

itm_item_prices Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique identifier that an item sold or returned.
X	level_code	VARCHAR (30)	NO	The pricing level code representing the client's store structure. For example, a store might have a level code of “STORE” or a district may have a level code of “DISTRICT”. This is completely arbitrary and clients may call the levels anything meaningful to their organization. The following values are fixed: STORE, COMPANY. In addition to the fixed values, customer-defined values are also supported.
X	level_value	VARCHAR (60)	NO	Identifies a node amongst its siblings. Typically this is a numeric identifier such as the retail location ID, but may be any string. For example, (“STORE”, “800”) may identify level_code STORE and level_value 800.
X	itm_price_property_code	VARCHAR (60)	NO	The identifier for the type of price. Valid Values include REGULAR_PRICE, PROMO_PRICE, cust_group_id (From crm_customer_affiliation.cust_group_id to be used for group pricing). In addition to the fixed values, customer-defined values are also supported.
X	effective_date	DATETIME	NO	The first day when this pricing type becomes effective.
	expiration_date	DATETIME	YES	The last day that this pricing type is effective.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	price	NUMERIC (17,6)	NO	The dollar amount of this item price.
X	price_qty	NUMERIC (11,4)	NO	Used for pricing as a qualifier that determines how many of an item you must purchase in order to qualify for that price.
	external_id	VARCHAR (60)	YES	Records RPM price change ID.
	external_system	VARCHAR (60)	YES	Records RPM price change system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_prices Relationships

Parent Entity	Child Entity	Type
itm_item	itm_item_prices	Identifying
loc_org_hierarchy	itm_item_prices	Identifying
loc_pricing_hierarchy	itm_item_prices	Identifying
itm_item_prices	itm_item_prices_p	Identifying

itm_item_prices_p

Contains property code and value information for table ITM_ITEM_PRICES.

itm_item_prices_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique identifier that an item sold or returned.
X	level_code	VARCHAR (30)	NO	The pricing level code representing the client's store structure. For example, a store might have a level code of "STORE" or a district may have a level code of "DISTRICT". This is completely arbitrary and clients may call the levels anything meaningful to their organization. The following values are fixed: STORE, COMPANY. In addition to the fixed values, customer-defined values are also supported.
X	level_value	VARCHAR (60)	NO	Identifies a node amongst its siblings. Typically this is a numeric identifier such as the retail location ID, but may be any string. For example, ("STORE", "800") may identify level_code STORE and level_value 800.
X	itm_price_property_code	VARCHAR (60)	NO	The identifier for the type of price. Valid Values include REGULAR_PRICE, PROMO_PRICE, cust_group_id (From crm_customer_affiliation.cust_group_id to be used for group pricing). In addition to the fixed values, customer-defined values are also supported.
X	effective_date	DATETIME	NO	The first day when this pricing type becomes effective.
X	price_qty	NUMERIC (11,4)	NO	Used for pricing as a qualifier that determines how many of an item you must purchase in order to qualify for that price.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_PRICES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_prices_p Relationships

Parent Entity	Child Entity	Type
itm_item_prices	itm_item_prices_p	Identifying

itm_item_prompt_properties

Contains property download information. Allows for the ability to prompt for additional information as an item is sold. The prompt method will determine the data entry method. Data captured will be saved with the transaction line item.

itm_item_prompt_properties Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	itm_prompt_property_code	VARCHAR (30)	NO	The code for the name of the property.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	code_group	VARCHAR (30)	YES	The name of the code group for the options in a multiple choice list. The code group must be defined in com_code_value.code.
	prompt_title_key	VARCHAR (60)	YES	Translation key for the prompt title.
	prompt_msg_key	VARCHAR (60)	YES	Translation key for the prompt text.
	required_flag	BIT	YES	If true, this information is required.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	prompt_mthd_code	VARCHAR (30)	YES	A code that signifies the prompting method. The following values are fixed: SIMPLE - Prompts for a single element of unrestricted text (this is an un-validated text entry) LIST - Prompts the user to select a single option from a list of values. For LIST value, the "code_group" defines the possible list choices. All the LIST values will be pulled from the com_code_value table. DATE - Prompts for entry of a single date value. NUMERIC - Prompts for a single piece of numeric (integer) entry. DECIMAL - Prompts for a single piece of decimal (floating point) entry. MONEY - Prompts for a single piece of currency based entry. MASK - Restrict entry based on provided mask. CHAIN - Run the specified chain (to get the required information). PROMPT_KEY - Gather no information, but notify the user of something. NOTIFY - Displays an acknowledgement prompt with a message rather than capturing any data.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_prompt_properties Relationships

Parent Entity	Child Entity	Type
itm_item	itm_item_prompt_properties	Identifying
itm_item_prompt_properties	itm_item_prompt_properties_p	Identifying

itm_item_prompt_properties_p

Contains property code and value information for table ITM_ITEM_PROMPT_PROPERTIES.

itm_item_prompt_properties_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	itm_prompt_property_code	VARCHAR (30)	NO	The code for the name of the property.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_PROMPT_PROPERTIES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_prompt_properties_p Relationships

Parent Entity	Child Entity	Type
itm_item_prompt_properties	itm_item_prompt_properties_p	Identifying

itm_item_restrict_calendar

Contains information for when a given item restriction is in effect. Time-based restriction by day of week.

itm_item_restrict_calendar Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	restriction_category	VARCHAR (30)	NO	A restriction category for the item. For example; ALCOHOL. Cross-referenced to the itm_item table.
X	restriction_code	VARCHAR (60)	NO	A code for a single restriction within the restriction category. For example, for the ALCOHOL category, restriction codes may include: minimum seller age, minimum buyer age, maximum purchase quantity, etc. This value may be tied to an op chain config entry.
X	day_code	VARCHAR (3)	NO	A code for the day of the week: ("SUN", "MON", "TUE", "WED", "THU", "FRI", or "SAT").
X	effective_date	DATETIME	NO	The date the restriction is in effect.
X	start_time	DATETIME	NO	The time of day the restriction is in effect.
X	sale_lineitem_typecode	VARCHAR(30)	NO	DEFAULT: 'ANY'; allowed values: like itm_item_restriction.sale_lineitem_typecode
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	expiration_date	DATETIME	YES	The date the restriction is no longer in effect.
	end_time	DATETIME	YES	The time of day the restriction is no longer in effect.
	exemption_flag	NUMERIC(1,0)	YES	DEFAULT false; a record with exemption set to true will override all other records and disable an item restriction which would have been executed otherwise.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

itm_item_restrict_calendar Relationships

Parent Entity	Child Entity	Type
itm_item_restriction	itm_item_restrict_calendar	Identifying
itm_item_restrict_calendar	itm_item_restrict_calendar_p	Identifying

itm_item_restrict_calendar_p

Contains property code and value information for table ITM_ITEM_RESTRICT CALENDAR.

itm_item_restrict_calendar_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	restriction_category	VARCHAR (30)	NO	A restriction category for the item. For example; ALCOHOL. Cross-referenced to the itm_item table.
X	restriction_code	VARCHAR (60)	NO	A code for a single restriction within the restriction category. For example, for the ALCOHOL category, restriction codes may include: minimum seller age, minimum buyer age, maximum purchase quantity, etc. This value may be tied to an op chain config entry.
X	effective_date	DATETIME	NO	The date the restriction is in effect.
X	day_code	VARCHAR (3)	NO	A code for the day of the week: ("SUN", "MON", "TUE", "WED", "THU", "FRI", or "SAT").
X	start_time	DATETIME	NO	The time of day the restriction is in effect.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_RESTRICT CALENDAR (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_restrict_calendar_p Relationships

Parent Entity	Child Entity	Type
itm_item_restrict_calendar	itm_item_restrict_calendar_p	Identifying

itm_item_restriction

Contains item sale restriction information and identifies an individual restriction to enforce when attempting to sell the restricted item.
(category/code pairing)

itm_item_restriction Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	restriction_category	VARCHAR (30)	NO	A restriction category for the item. For example; ALCOHOL. Cross-referenced to the itm_item table.
X	restriction_code	VARCHAR (60)	NO	A code for a single restriction within the restriction category. For example, for the ALCOHOL category, restriction codes may include: minimum seller age, minimum buyer age, maximum purchase quantity, etc. This value may be tied to an op chain config entry.
X	effective_date	DATETIME	NO	The date the restriction is in effect.
X	sale_lineitm_typecode	VARCHAR(30)	NO	DEFAULT: 'ANY'; allowed values: 'SALE', 'RETURN', 'LAYAWAY', 'SPECIAL_ORDER', 'WORK_ORDER', 'SEND_SALE', 'ORDER' + 'ANY'
X	property_name	VARCHAR(30)	NO	Name of the restriction config property in case multiple properties are provided by restriction. DEFAULT: 'DEFAULT'
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	expiration_date	DATETIME	YES	The date the restriction is no longer in effect.
	boolean_value	BIT	YES	Required, when the Type is BOOLEAN: 1=True 0=False
	string_value	VARCHAR (24)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC.
	on_calendar_flag	BIT	YES	If true, cross-reference to itm_item_restriction_calendar table for a time-based restriction by day of week.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_restriction Relationships

Parent Entity	Child Entity	Type
itm_item_restriction	itm_item_restrict_calendar	Identifying
itm_item_restriction	itm_item_restriction_p	Identifying

itm_item_restriction_p

Contains property code and value information for table ITM_ITEM_RESTRICTION.

itm_item_restriction_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	restriction_category	VARCHAR (30)	NO	A restriction category for the item. For example; ALCOHOL. Cross-referenced to the itm_item table.
X	restriction_code	VARCHAR (60)	NO	A code for a single restriction within the restriction category. For example, for the ALCOHOL category, restriction codes may include: minimum seller age, minimum buyer age, maximum purchase quantity, etc. This value may be tied to an op chain config entry.
X	effective_date	DATETIME	NO	The date the restriction is in effect.
X	sale_lineitm_typecode	VARCHAR(30)	NO	DEFAULT: 'ANY'; allowed values: 'SALE', 'RETURN', 'LAYAWAY', 'SPECIAL_ORDER', 'WORK_ORDER', 'SEND_SALE', 'ORDER' + 'ANY'
X	property_name	VARCHAR(30)	NO	Name of the restriction config property in case multiple properties are provided by restriction. DEFAULT: 'DEFAULT'
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_ITEM_RESTRICTION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_item_restriction_p Relationships

Parent Entity	Child Entity	Type
itm_item_restriction	itm_item_restriction_p	Identifying

itm_item_restrict_mapping

Contains information from the merch hierarchy node to the restriction category.

itm_item_restric_mapping Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	merch_hierarchy_level	VARCHAR (60)	NO	The merchandise level. For example, DEPARTMENT, SUBDEPARTMENT, CLASS, SUBCLASS, ITEM
X	merch_hierarchy_id	VARCHAR (60)	NO	The value associated with the merchandise level. For example: if CLASS 123456; then merch_hierarchy_level=CLASS and merch_hierarchy_id=123456
X	restriction_category	VARCHAR(30)	NO	A restriction category for the item. For example; ALCOHOL. Cross-referenced to the itm_item_restriction table.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	DATETIME	YES	The identifier of the person who updated the record.
	record_state	NUMERIC (17,6)	YES	The record status.

itm_item_restrict_mapping Relationships

Parent Entity	Child Entity	Type
itm_item_restrict_mapping	itm_item_restrict_mapping_p	Identifying

[itm_item_restrict_mapping_p](#)

Contains property code and value information for table ITM_ITEM_RESTRICT_MAPPING.

itm_item_restrict_mapping_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	merch_hierarchy_level	VARCHAR (60)	NO	The merchandise level. For example, DEPARTMENT, SUBDEPARTMENT, CLASS, SUBCLASS, ITEM
X	merch_hierarchy_id	VARCHAR (60)	NO	The value associated with the merchandise level. For example: if CLASS 123456; then merch_hierarchy_level=CLASS and merch_hierarchy_id=123456
X	restriction_category	VARCHAR(30)	NO	A restriction category for the item. For example; ALCOHOL. Cross-referenced to the itm_item_restriction table.
	property_code	VARCHAR (30)		Identifier of the property associated with table ITM_ITEM_RESTRICT_MAPPING (key/value pair).
	type	VARCHAR (30)	NO	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR(4000)	NO	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC(17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

itm_item_restrict_mapping_p Relationships

Parent Entity	Child Entity	Type
itm_item_restrict_mapping	itm_item_restrict_mapping_p	Identifying

itm_kit_component

Contains the configuration for the component items that make up a kit. This table associates kit component items to their parent kit in the itm_item table, and defines the quantity of the component item per kit, the order in which to display the component items, and the valid dates the component item is included in the kit.

itm_kit_component Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	kit_item_id	VARCHAR (60)	NO	Item id for the kit item this component belongs to.
X	component_item_id	VARCHAR (60)	NO	Item id for the component item.
X	seq_nbr	INTEGER	NO	Represents the sequence number for all the serialized item
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	display_order	INTEGER	YES	The order in which the component item should be displayed on the receipts.
	quantity_per_kit	INTEGER	YES	The number of this component item per kit.
	begin_datetime	DATETIME	YES	The date the kit component will start to be included in the kit.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	end_datetime	DATETIME	YES	The date the kit component will cease to be included in the kit.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_kit_component Relationships

Parent Entity	Child Entity	Type
itm_item	itm_kit_component	Identifying
itm_item	itm_kit_component	Identifying
itm_kit_component	itm_kit_component_p	Identifying

itm_kit_component_p

Contains property code and value information for table ITM_KIT_COMPONENT.

itm_kit_component_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	kit_item_id	VARCHAR (60)	NO	Item id for the kit item this component belongs to.
X	seq_nbr	INTEGER	NO	Represents the sequence number for all the serialized item
X	component_item_id	VARCHAR (60)	NO	Item id for the component item.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_KIT_COMPONENT (key/value pair).
	Type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_kit_component_p Relationships

Parent Entity	Child Entity	Type
itm_kit_component	itm_kit_component_p	Identifying

itm_matrix_sort_order

Used by the Item Matrix modification in Xstore to sort specific "pages" in the item matrix grids.

itm_matrix_sort_order Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	matrix_sort_type	VARCHAR (60)	NO	Can be either ITEM or ITEM_MERCH, determines what type of record this is.
X	matrix_sort_id	VARCHAR (60)	NO	Can be either an item_id from the itm_item table, or a hierarchy_id from the itm_merch_hierarchy table.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_matrix_sort_order Relationships

Parent Entity	Child Entity	Type
itm_item	itm_matrix_sort_order	Identifying
itm_merch_hierarchy	itm_matrix_sort_order	Identifying
itm_matrix_sort_order	itm_matrix_sort_order_p	Identifying

itm_matrix_sort_order_p

Contains property code and value information for table ITM_MATRIX_SORT_ORDER.

itm_matrix_sort_order_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	matrix_sort_type	VARCHAR (60)	NO	Can be either ITEM or ITEM_MERCH, determines what type of record this is.
X	matrix_sort_id	VARCHAR (60)	NO	Can be either an item_id from the itm_item table, or a hierarchy_id from the itm_merch_hierarchy table.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_MATRIX_SORT_ORDER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_matrix_sort_order_p Relationships

Parent Entity	Child Entity	Type
itm_matrix_sort_order	itm_matrix_sort_order_p	Identifying

itm_merch_hierarchy

Contains information about the merchandise structure.

itm_merch_hierarchy Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	hierarchy_id	VARCHAR (60)	NO	Unique identifier for a merchandise structure.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	parent_id	VARCHAR (60)	YES	Identifies a hierarchy level within a summarization tree structure for merchandise sales analysis and merchandise classification.
	level_code	VARCHAR (30)	YES	A unique system-assigned identifier for the Level within the merchandise hierarchy tree. For example: DEPARTMENT, SUBDEPARTMENT, CLASS, or SUBCLASS.
	description	VARCHAR (254)	YES	The retailer-specific description associated with a merchandise-hierarchy-level-code.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	hidden_flag	BIT	YES	Determines whether or not this level code is displayed to the user: False or NULL = the code will be displayed. True = the code will not be displayed.
	disallow_matrix_display_flag	BIT	YES	Responsible for controlling the display of a level on the item matrix.
	item_matrix_color	VARCHAR (20)	YES	The item matrix color.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_merch_hierarchy Relationships

Parent Entity	Child Entity	Type
itm_merch_hierarchy	itm_matrix_sort_order	Identifying
itm_merch_hierarchy	itm_merch_hierarchy_p	Identifying

itm_merch_hierarchy_p

Contains property code and value information for table ITM_MERCH_HIERARCHY.

itm_merch_hierarchy_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	hierarchy_id	VARCHAR (60)	NO	Unique identifier for a merchandise structure.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_MERCH_HIERARCHY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_merch_hierarchy_p Relationships

Parent Entity	Child Entity	Type
itm_merch_hierarchy	itm_merch_hierarchy_p	Identifying

itm_non_phys_item

Contains information about the non-physical items.

itm_non_phys_item Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
	display_order	INTEGER	YES	Indicates the order in which the items are displayed in the item list.
	non_phys_item_tpcode	VARCHAR (30)	YES	The code for the type of non-physical item. GIFT_CARD, GIFT_CARD, RESTOCKING_FEE, etc.
	non_phys_item_subtype	VARCHAR (30)	YES	Code used to further identify the type of a non-physical item. For example, the subtype of a VOUCHER item denotes the type of voucher (for example, GIFT_CERTIFICATE).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_non_phys_item Relationships

Parent Entity	Child Entity	Type
itm_item	itm_non_phys_item	Identifying

itm_quick_items

Table to maintain an arbitrary hierarchy.

itm_quick_items Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
	parent_id	VARCHAR (60)	YES	Parent category id
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	image_url	VARCHAR (254)	YES	Image url for category or overridden image url for item.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	description	VARCHAR (254)	NO	Description of the category or overridden description of the item.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_quick_items Relationships

Parent Entity	Child Entity	Type
itm_item	itm_quick_items	Identifying
itm_quick_items	itm_quick_items_p	Identifying

itm_quick_items_p

Contains property code and value information for table ITM_QUICK_ITEMS.

itm_quick_items_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_QUICK_ITEMS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_quick_items_p Relationships

Parent Entity	Child Entity	Type
itm_quick_items	itm_quick_items_p	Identifying

itm_refund_schedule

Contains the parameters required to populate the refund amount proration formula on a per-item basis.

itm_refund_schedule Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The item to receive a prorated refund when returned. From itm_item.item_id.
	org_code	VARCHAR (30)	NO	The location-based hierarchy level to which this proration schedule is assigned. (This is a hierarchy-supporting table) From loc_org_hierarchy.org_code
	org_value	VARCHAR (60)	NO	The location-based hierarchy level to which this proration schedule is assigned. (This is a hierarchy-supporting table) From loc_org_hierarchy.org_value
X	effective_date	DATETIME	NO	The date/time defining the starting effective period for a given schedule. Note: If comparable schedules with overlapping ranges are defined, the one with the most current effective_date is respected.
	expiration_date	DATETIME	YES	The date/time defining the ending effective period for a given schedule.
	max_full_refund_time	INTEGER	YES	The maximum number of days/months from the original date of purchase that this item may be returned and still receive a full refund. Note: The current day/month of purchase is considered a return/purchase difference of zero (0), not one (1).
	min_no_refund_time	INTEGER	YES	The minimum number of days/months from the original date of purchase after which this item will receive no refund when returned. Note: The current day/month of purchase is considered a return/purchase difference of zero (0), not one (1).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_refund_schedule Relationships

Parent Entity	Child Entity	Type
itm_item	itm_refund_schedule	Identifying
itm_refund_schedule	itm_refund_schedule_p	Identifying

itm_refund_schedule_p

Contains property code and value information for table ITM_REFUND_SCHEDULE.

itm_refund_schedule_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The item to receive a prorated refund when returned. From itm_item.item_id.
X	effective_date	DATETIME	NO	The date/time defining the starting effective period for a given schedule. Note: If comparable schedules with overlapping ranges are defined, the one with the most current effective_date is respected.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_REFUND_SCHEDULE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_refund_schedule_p Relationships

Parent Entity	Child Entity	Type
itm_refund_schedule	itm_refund_schedule_p	Identifying

itm_restrict_gs1

Contains item sale restriction information based on GS1 Databar Codes.

itm_restrict_gs1 Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	field_id	VARCHAR (10)	NO	Application Identifier which should be checked (e.g. AI=15 ... MHD or AI=10 ... Charge).
	ai_type	VARCHAR (30)	NO	Type of AI... what kind of check should be done. One of (DATE, STRING, BIGDECIMAL). If DATE, the Values must use following format: YYYYMMDD
X	start_value	VARCHAR (50)	NO	This value is inclusive (e.g. if the value is equal, the item must not be sold). Null should not be allowed for this field.
	end_value	VARCHAR (50)	NO	This value is inclusive (e.g. if the value is equal, the item must not be sold). NULL or empty string indicates that anything >= start_value will be blocked.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_restrict_gs1 Relationships

Parent Entity	Child Entity	Type
itm_restrict_gs1	itm_restrict_gs1_p	Identifying

itm_restrict_gs1_p

Contains property code and value information for table ITM_RESTRICT_GS1.

itm_restrict_gs1_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
X	field_id	VARCHAR (10)	NO	Application Identifier which should be checked (e.g. AI=15 ... MHD or AI=10 ... Charge).
X	start_value	VARCHAR (50)	NO	This value is inclusive (e.g. if the value is equal, the item must not be sold). Null should not be allowed for this field.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_RESTRICT_GS1 (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_restrict_gs1_p Relationships

Parent Entity	Child Entity	Type
itm_restrict_gs1	itm_restrict_gs1_p	Identifying

itm_substitute_items

Contains a cross reference of items that may be substituted or offered in place of another item.

itm_substitute_items Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	primary_item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for the original item being substituted.
X	substitute_item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for the substitute item.
X	level_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
X	level_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	begin_datetime	DATETIME	YES	The time and date a transaction is initiated.
	end_datetime	DATETIME	YES	The time and date a transaction is completed.
	external_id	VARCHAR (60)	YES	Records RPM price change ID.
	external_system	VARCHAR (60)	YES	Records RPM change system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_substitute_items Relationships

Parent Entity	Child Entity	Type
itm_item	itm_substitute_items	Identifying
itm_item	itm_substitute_items	Identifying
itm_substitute_items	itm_substitute_items_p	Identifying

itm_substitute_items_p

Contains property code and value information for table ITM_SUBSTITUTE_ITEMS.

itm_substitute_items_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	primary_item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for the original item being substituted.
X	substitute_item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for the substitute item.
X	level_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
X	level_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_SUBSTITUTE_ITEMS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_substitute_items_p Relationships

Parent Entity	Child Entity	Type
itm_substitute_items	itm_substitute_items_p	Identifying

itm_vendor

Contains vendor detail information.

itm_vendor Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	vendor_id	VARCHAR (60)	NO	The identifier of the seller of the item to the store.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	name	VARCHAR (254)	YES	The name of the vendor.
	buyer	VARCHAR (254)	YES	The buyer name associated with the vendor.
	address_id	VARCHAR (60)	YES	The address identifier for the vendor.
	telephone	VARCHAR (32)	YES	The main office telephone number for the vendor.
	contact_telephone	VARCHAR (32)	YES	The telephone number of the individual who is the primary contact for this vendor.
	typcode	VARCHAR (30)	YES	A code identifying the role played by this vendor. For example, if the vendor supplies items sold by the retailer, the type may be ITEM_SUPPLIER. Other vendors may only provide services rather than merchandise. This value may vary by retailer to meet their needs.
	contact	VARCHAR (254)	YES	The name of the individual who is the primary contact for this vendor.
	fax	VARCHAR (32)	YES	The main office fax number for the vendor.
	status	VARCHAR (30)	YES	A retailer-defined value representing the current status of the retailer's affiliation with the vendor.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across timezones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_vendor Relationships

Parent Entity	Child Entity	Type
com_address	itm_vendor	Non-Identifying
itm_vendor	itm_vendor_p	Identifying
itm_vendor	doc_document_definition	Non-Identifying

itm_vendor_p

Contains property code and value information for table ITM_VENDOR.

itm_vendor_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	vendor_id	VARCHAR (60)	NO	The identifier of the seller of the item to the store.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_VENDOR (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_vendor_p Relationships

Parent Entity	Child Entity	Type
itm_vendor	itm_vendor_p	Identifying

itm_warranty

This table is populated by Xstore in the course of persisting transactions involving warranties. A single row is maintained for each warranty issued as part of a sale. Note that a single warranty line item may represent multiple warranties (and therefore multiple itm_warranty records); each unit quantity for a warranty line item corresponds to a single warranty.

itm_warranty Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	warranty_typcode	VARCHAR (60)	NO	A code to signify the type of warranty plan. From itm_non_phys_item.non_phys_item_typcode.
X	warranty_nbr	VARCHAR (30)	NO	The warranty identifier number.
	warranty_plan_id	VARCHAR (60)	YES	The identifier naming the warranty's plan. The plan Id is assigned when issued and never changes in the life cycle of a warranty. From itm_warranty_item.item_id.
	warranty_issue_date	DATETIME	YES	The date and time on which the warranty was issued.
	warranty_expiration_date	DATETIME	YES	The date and time on which the warranty's coverage expires. This warranty will no longer be accepted for return or as work order coverage.
	status_code	VARCHAR (30)	YES	A code to indicate the status of the warranty plan (OPEN, CLOSED, PENDING).
	purchase_price	NUMERIC (17,6)	YES	The price paid for the warranty when issued.
	cust_id	VARCHAR (60)	YES	A unique identifier for the customer who owns the warranty (crm_party.cust_id associated with this warranty's owner).
	party_id	BIGINT	YES	A unique identifier for the party which owns the warranty. crm_party.party_id associated with this warranty's owner.
	certificate_nbr	VARCHAR (60)	YES	The certificate number assigned to a warranty plan (not generally used).
	certificate_company_name	VARCHAR (254)	YES	The name of the vendor/company associated with the warranty and for which the certificate number is relevant (not generally used).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	warranty_item_id	VARCHAR (60)	YES	The identifier naming the warranty's transactional item. The warranty item is initially the same as the warranty plan but may change in response to SKU-based price adjustments. From itm_warranty_item_price.ref_item_id where appropriate and non-null; same as warranty_plan_id otherwise.
	warranty_line_business_date	DATETIME	YES	The calendar date of the transaction in which the line item representing the warranty was created. From trl_rtrans_lineitm.business_date for the warranty line item representing the issuance of this warranty.
	warranty_line rtl_loc_id	INTEGER	YES	A unique, retailer-assigned identifier naming the store in which the line item representing the warranty was created. From trl_rtrans_lineitm.rtl_loc_id for the warranty line item representing the issuance of this warranty.
	warranty_line_wkstn_id	BIGINT	YES	A store-level unique identifier naming the workstation on which the line item representing the warranty was created. From trl_rtrans_lineitm.wkstn_id for the warranty line item representing the issuance of this warranty.
	warranty_line_trans_seq	BIGINT	YES	Within the context of a business date and workstation, a unique, non-significant, automatically assigned sequential number used to identify the transaction in which the line item representing the warranty was created. From trl_rtrans_lineitm.trans_seq for the warranty line item representing the issuance of this warranty.
	warranty_rtrans_lineitm_seq	INTEGER	YES	Within the context of a transaction, a unique, non-significant, automatically assigned sequential number used to identify the line item representing the warranty (from trl_rtrans_lineitm.rtrans_).
	covered_item_id	VARCHAR (60)	YES	The identifier naming the covered merchandise's transactional item. From itm_item.item_id for the merchandise item covered by this warranty.
	covered_line_business_date	DATETIME	YES	The calendar date of the transaction in which the line item representing the covered merchandise was created. From trl_rtrans_lineitm.business_date for the merchandise line item covered by this warranty.
	covered_line rtl_loc_id	INTEGER	YES	A unique, retailer-assigned identifier naming the store in which the line item representing the warranty was created. From trl_rtrans_lineitm.rtl_loc_id for the merchandise line item covered by this warranty.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	covered_line_wkstn_id	BIGINT	YES	A store-level unique identifier naming the workstation on which the line item representing the covered merchandise was created. From trl_rtrans_lineitm.wkstn_id for the line item covered by this warranty.
	covered_line_trans_seq	BIGINT	YES	Within the context of a business date and workstation, a unique, non-significant, automatically assigned sequential number used to identify the transaction in which the line item representing the covered merchandise was created. From trl_rtrans_lineitm.trans_seq for the merchandise line item covered by this warranty.
	covered_rtrans_lineitm_seq	INTEGER	YES	Within the context of a transaction, a unique, non-significant, automatically assigned sequential number used to identify the line item representing the covered merchandise. From trl_rtrans_lineitm.rtrans_lineitm_seq for the merchandise line item covered by this warranty.
	covered_item_purchase_date	DATETIME	YES	Date the warranted item was purchased.
	covered_item_purchase_price	NUMERIC (17,6)	YES	Price paid for the warranted item at time of purchase.
	covered_item_purchase_location	VARCHAR (254)	YES	Store location where the warranted item was purchased (for example store number, 'OnLine', 'Catalog', etc.).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_warranty Relationships

Parent Entity	Child Entity	Type
crm_party	itm_warranty	Non-Identifying
itm_item	itm_warranty	Non-Identifying
itm_item	itm_warranty	Non-Identifying
trl_sale_lineitm	itm_warranty	Non-Identifying
trl_sale_lineitm	itm_warranty	Non-Identifying
itm_warranty	itm_warranty_journal	Identifying
itm_warranty	itm_warranty_p	Identifying

itm_warranty_item

The primary detail table supporting all warranty items. Provides additional warranty-specific information about warranties.

itm_warranty_item Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier (warranty item SKU).
	pricing_mthd_code	VARCHAR (60)	YES	A code that signifies the warranty pricing method. FIXED_REGULAR, TIERED_REGULAR, FIXED_EXTENDED, TIERED_EXTENDED
	warranty_price_amt	NUMERIC (17,6)	YES	The fixed amount to charge for this warranty item; only used when pricing_mthd_code is FIXED_REGULAR, or FIXED_EXTENDED
	warranty_price_percentage	NUMERIC (6,4)	YES	The percentage of covered merchandise item's price to charge for this warranty item; only used when pricing_mthd_code is FIXED_REGULAR, or FIXED_EXTENDED
	warranty_min_price_amt	NUMERIC (17,6)	YES	Minimal price of this warranty item; only used when warranty_price_percentage is used.
	expiration_days	INTEGER	YES	The number of days after which the warranty plan is no longer valid.
	service_days	INTEGER	YES	The number of service days covered by the warranty plan.
	renewable_flag	BIT	YES	If true, this warranty can be renewed/extended.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_warranty_item Relationships

Parent Entity	Child Entity	Type
itm_item	itm_warranty_item	Identifying
itm_warranty_item	itm_warranty_item_price	Identifying
itm_warranty_item	itm_warranty_item_xref	Identifying

itm_warranty_item_price

Contains item warranty pricing information. This is the “tiered” pricing table for warranty items having an itm_warranty_item.pricing_mthd_code of either TIERED_REGULAR or TIERED_EXTENDED. It allows for finer-grained control over the price of a given warranty item than does itm_warranty_item by allowing for separate amounts or percentages to be applied, based on an arbitrary number of price ranges associated with the merchandise items being covered. Additionally, it allows an entirely different SKU to be applied to the warranty line item added to a transaction, based on the range used to derive that line item’s price.

itm_warranty_item_price Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier (warranty item SKU).
X	warranty_price_seq	INTEGER	NO	The sequence order in which the warranty price should be determined.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123.
	min_item_price_amt	NUMERIC (17,6)	YES	The minimum item price eligible for a warranty plan.
	max_item_price_amt	NUMERIC (17,6)	YES	The maximum item price eligible for a warranty plan.
	price_amt	NUMERIC (17,6)	YES	The fixed price for the warranty item.
	price_percentage	NUMERIC (6,4)	YES	The price as a percentage of the item.
	min_price_amt	NUMERIC (17,6)	YES	When configured by percentage, the minimum amount for this warranty item.
	ref_item_id	VARCHAR (60)	YES	The item Id to which this warranty is associated. SKU to apply to warranty line items whose price is derived from this range; defaults to the item_id value. SKUs referenced in the ref_item_id column (and not matching the item_id value) must represent SKUs that are also fully configured as warranty items. The sole exception is that “referenced” warranty items need not appear in any itm_warranty_item_xref rows (in that table’s warranty_item_id column); only the “root” warranty items from which “referenced” warranty items are derived are subject to that requirement.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_warranty_item_price Relationships

Parent Entity	Child Entity	Type
itm_item	itm_warranty_item_price	Identifying
itm_warranty_item	itm_warranty_item_price	Identifying
itm_warranty_item_price	itm_warranty_item_price_p	Identifying

itm_warranty_item_price_p

Contains property code and value information for table ITM_WARRANTY_ITEM_PRICE.

itm_warranty_item_price_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier (warranty item SKU).
X	warranty_price_seq	INTEGER	NO	The sequence order in which the warranty price should be determined.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_WARRANTY_ITEM_PRICE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_warranty_item_price_p Relationships

Parent Entity	Child Entity	Type
itm_warranty_item_price	itm_warranty_item_price_p	Identifying

itm_warranty_item_xref

Contains the information used to designate the items that a warranty can be applied to. This table maps a given merchandise item to one or more warranty items for which it is eligible.

itm_warranty_item_xref Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier (merchandise item SKU).
X	warranty_typecode	VARCHAR (60)	NO	A code to signify the type of warranty plan (WARRANTY).
X	warranty_item_id	VARCHAR (60)	NO	An identifier that uniquely identifies a warranty plan item. The identifier naming the warranty's transactional item. The warranty item is initially the same as the warranty plan but may change in response to SKU-based price adjustments (warranty item SKU).
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_warranty_item_xref Relationships

Parent Entity	Child Entity	Type
itm_item	itm_warranty_item_xref	Identifying
itm_warranty_item	itm_warranty_item_xref	Identifying
itm_warranty_item_xref	itm_warranty_item_xref_p	Identifying

itm_warranty_item_xref_p

Contains property code and value information for table ITM_WARRANTY_ITEM_XREF.

itm_warranty_item_xref_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier (merchandise item SKU).
X	warranty_typcode	VARCHAR (60)	NO	A code to signify the type of warranty plan (WARRANTY).
X	warranty_item_id	VARCHAR (60)	NO	An identifier that uniquely identifies a warranty plan item. The identifier naming the warranty's transactional item. The warranty item is initially the same as the warranty plan but may change in response to SKU-based price adjustments (warranty item SKU).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_WARRANTY_ITEM_XREF (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_warranty_item_xref_p Relationships

Parent Entity	Child Entity	Type
itm_warranty_item_xref	itm_warranty_item_xref_p	Identifying

itm_warranty_journal

Records the changes to item warranty data prior to updating the itm_warranty table.

itm_warranty_journal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	warranty_typcode	VARCHAR (60)	NO	A code to signify the type of warranty plan (from itm_warranty.warranty_typcode).
X	warranty_nbr	VARCHAR (30)	NO	The warranty identifier number (from itm_warranty.warranty_nbr).
X	journal_seq	BIGINT	NO	The sequence number of the item warranty journal entry.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).
	trans_business_date	DATETIME	YES	The business date the transaction took place. From trn_trans.business_date for the transaction in which this activity was performed.
	trans rtl_loc_id	INTEGER	YES	The retail location where the transaction took place. From trn_trans.rtl_loc_id for the transaction in which this activity was performed.
	trans_wkstn_id	BIGINT	YES	The work station where the transaction took place. From trn_trans.wkstn_id for the transaction in which this activity was performed.
	trans_trans_seq	BIGINT	YES	The transaction sequence number. From trn_trans.trans_seq for the transaction in which this activity was performed.
	warranty_plan_id	VARCHAR (60)	YES	The identifier naming the warranty's plan. The plan Id is assigned when issued and never changes in the life cycle of a warranty (from itm_warranty.warranty_plan_id).
	warranty_issue_date	DATETIME	YES	The date and time on which the warranty was issued. From itm_warranty.warranty_issue_date
	warranty_expiration_date	DATETIME	YES	The date and time on which the warranty's coverage expires. From itm_warranty.warranty_expiration_date.
	status_code	VARCHAR (30)	YES	A code to indicate the status of the warranty plan. From itm_warranty.status_code.
	purchase_price	NUMERIC (17,6)	YES	The price paid for the warranty when issued. From itm_warranty.purchase_price.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	cust_id	VARCHAR (60)	YES	A unique identifier for the customer who owns the warranty. From itm_warranty.cust_id.
	certificate_nbr	VARCHAR (60)	YES	The certificate number assigned to a warranty plan. From itm_warranty.certificate_nbr.
	certificate_company_name	VARCHAR (254)	YES	The name of the vendor/company associated with the warranty and for which the certificate number is relevant (from itm_warranty.certificate_company_name).
	party_id	BIGINT	YES	A unique identifier for the party which owns the warranty (from itm_warranty.party_id).
	warranty_item_id	VARCHAR (60)	YES	The identifier naming the warranty's transactional item. The warranty item is initially the same as the warranty plan but may change in response to SKU-based price adjustments (from itm_warranty.warranty_item_id).
	warranty_line_business_date	DATETIME	YES	The calendar date of the transaction in which the line item representing the warranty was created (from itm_warranty.warranty_line_business_date).
	warranty_line rtl_loc_id	INTEGER	YES	A unique, retailer-assigned identifier naming the store in which the line item representing the warranty was created (from itm_warranty.warranty_line rtl_loc_id).
	warranty_line_wkstn_id	BIGINT	YES	A store-level unique identifier naming the workstation on which the line item representing the warranty was created (from itm_warranty.warranty_line_wkstn_id).
	warranty_line_trans_seq	BIGINT	YES	Within the context of a business date and workstation, a unique, non-significant, automatically assigned sequential number used to identify the transaction in which the line item representing the warranty was created (from itm_warranty.warranty_line_trans_seq).
	warranty_rtrans_lineitm_seq	INTEGER	YES	Within the context of a transaction, a unique, non-significant, automatically assigned sequential number used to identify the line item representing the warranty (from itm_warranty.warranty_rtrans_lineitm_seq).
	covered_item_id	VARCHAR (60)	YES	The identifier naming the covered merchandise's transactional item (from itm_warranty.covered_item_id).
	covered_line_business_date	DATETIME	YES	The calendar date of the transaction in which the line item representing the covered merchandise was created (from itm_warranty.covered_line_business_date).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	covered_line rtl loc id	INTEGER	YES	A unique, retailer-assigned identifier naming the store in which the line item representing the warranty was created (from itm_warranty.covered_line_rtl_loc_id).
	covered_line wkstn id	BIGINT	YES	A store-level unique identifier naming the workstation on which the line item representing the covered merchandise was created (from itm_warranty.covered_line_wkstn_id).
	covered_line_trans_seq	BIGINT	YES	Within the context of a business date and workstation, a unique, non-significant, automatically assigned sequential number used to identify the transaction in which the line item representing the covered merchandise was created (from itm_warranty.covered_line_trans_seq).
	covered_rtrans_lineitm_seq	INTEGER	YES	Within the context of a transaction, a unique, non-significant, automatically assigned sequential number used to identify the line item representing the covered merchandise (from itm_warranty.covered_rtrans_lineitm_seq).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_warranty_journal Relationships

Parent Entity	Child Entity	Type
itm_warranty	itm_warranty_journal	Identifying
crm_party	itm_warranty_journal	Non-Identifying
itm_warranty_journal	itm_warranty_journal_p	Identifying

itm_warranty_journal_p

Contains property code and value information for table ITM_WARRANTY_JOURNAL.

itm_warranty_journal_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	warranty_typcode	VARCHAR (60)	NO	A code to signify the type of warranty plan (from itm_warranty.warranty_typcode).
X	warranty_nbr	VARCHAR (30)	NO	The warranty identifier number (from itm_warranty.warranty_nbr).
X	journal_seq	BIGINT	NO	The sequence number of the item warranty journal entry.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_WARRANTY_JOURNAL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_warranty_journal_p Relationships

Parent Entity	Child Entity	Type
itm_warranty_journal	itm_warranty_journal_p	Identifying

itm_warranty_p

Contains property code and value information for table ITM_WARRANTY.

itm_warranty_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	warranty_typcode	VARCHAR (60)	NO	A code to signify the type of warranty plan. From itm_non_phys_item.non_phys_item_typcode.
X	warranty_nbr	VARCHAR (30)	NO	The warranty identifier number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table ITM_WARRANTY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

itm_warranty_p Relationships

Parent Entity	Child Entity	Type
itm_warranty	itm_warranty_p	Identifying

Domain: LOC

Location Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

loc_close_dates

Contains dates on which a store will be closed, due to a holiday or other circumstance. Xstore can be configured to query against this table during store open to ensure that the user is attempting to open the store for a valid business date.

loc_close_dates Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	close_date	DATETIME	NO	The date on which the store will be closed.
	reason_code	VARCHAR (254)	YES	The reason that the store will be closed on close_date (for example "Christmas", "New Year's Day," "Inventory").
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_close_dates Relationships

Parent Entity	Child Entity	Type
loc_rtl_loc	loc_close_dates	Identifying
loc_close_dates	loc_close_dates_p	Identifying

loc_close_dates_p

Contains property code and value information for table LOC_CLOSE_DATES.

loc_close_dates_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	close_date	DATETIME	NO	The date on which the store will be closed.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table LOC_CLOSE_DATES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_close_dates_p Relationships

Parent Entity	Child Entity	Type
loc_close_dates	loc_close_dates_p	Identifying

loc_closing_message

Contains message text for the end of a business day at the retail store where it is conducted.

loc_closing_message Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	closing_message	VARCHAR (254)	YES	The text message for the close event.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_closing_message Relationships

Parent Entity	Child Entity	Type
loc rtl loc	loc_closing_message	Identifying
loc_closing_message	loc_closing_message_p	Identifying

loc_closing_message_p

Contains property code and value information for table LOC_CLOSING_MESSAGE.

loc_closing_message_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table LOC_CLOSING_MESSAGE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_closing_message_p Relationships

Parent Entity	Child Entity	Type
loc_closing_message	loc_closing_message_p	Identifying

loc_cycle_question_answers

Contains the answers to questions asked during the system cycle (open/close).

loc_cycle_question_answers Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	question_id	VARCHAR (60)	NO	A unique identifier for the question.
X	answer_id	VARCHAR (60)	NO	A unique identifier for the answer.
X	answer_timestamp	DATETIME	NO	The date and time recorded for the answer to the question.
	rtl_loc_id	INTEGER	YES	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_cycle_question_answers Relationships

Parent Entity	Child Entity	Type
loc_cycle_question_choices	loc_cycle_question_answers	Identifying
loc rtl loc	loc_cycle_question_answers	Non-Identifying
loc_cycle_question_answers	loc_cycle_question_answers_p	Identifying

loc_cycle_question_answers_p

Contains property code and value information for table LOC_CYCLE_QUESTION_ANSWERS.

loc_cycle_question_answers_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	question_id	VARCHAR (60)	NO	A unique identifier for the question.
X	answer_id	VARCHAR (60)	NO	A unique identifier for the answer.
X	answer_timestamp	DATETIME	NO	The date and time recorded for the answer to the question.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table LOC_CYCLE_QUESTION_ANSWERS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_cycle_question_answers_p Relationships

Parent Entity	Child Entity	Type
loc_cycle_question_answers	loc_cycle_question_answers_p	Identifying

loc_cycle_question_choices

Contains the multiple-choice question options asked during the system cycle (open/close).

loc_cycle_question_choices Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	question_id	VARCHAR (60)	NO	A unique identifier for the question.
X	answer_id	VARCHAR (60)	NO	A unique identifier for the answer.
	answer_text_key	VARCHAR (MAX)	YES	Translation key for the answer text.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_cycle_question_choices Relationships

Parent Entity	Child Entity	Type
loc_cycle_questions	loc_cycle_question_choices	Identifying
loc_cycle_question_choices	loc_cycle_question_answers	Identifying
loc_cycle_question_choices	loc_cycle_question_choices_p	Identifying

loc_cycle_question_choices_p

Contains property code and value information for table LOC_CYCLE_QUESTION_CHOICES.

loc_cycle_question_choices_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	question_id	VARCHAR (60)	NO	A unique identifier for the question.
X	answer_id	VARCHAR (60)	NO	A unique identifier for the answer.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table LOC_CYCLE_QUESTION_CHOICES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_cycle_question_choices_p Relationships

Parent Entity	Child Entity	Type
loc_cycle_question_choices	loc_cycle_question_choices_p	Identifying

loc_cycle_questions

Contains questions to be asked during the system cycle (open/close).

loc_cycle_questions Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	question_id	VARCHAR (60)	NO	A unique identifier for the question.
	question_text_key	VARCHAR (254)	YES	Translation key for the question.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	effective_datetime	DATETIME	YES	The date and time on which a specific question became operative.
	expiration_datetime	DATETIME	YES	The date and time when the specific question expires.
	rtl_loc_id	INTEGER	YES	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	corporate_message_flag	BIT	YES	When true, an information-type message is displayed. No user response required.
	question_typcode	VARCHAR (30)	YES	A code denoting when a message should be displayed. Valid values include STORE_CLOSE, STORE_CLOSE_DEPOSIT_COMPLETE, etc.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_cycle_questions Relationships

Parent Entity	Child Entity	Type
loc rtl loc	loc_cycle_questions	Non-Identifying
loc_cycle_questions	loc_cycle_question_choices	Identifying
loc_cycle_questions	loc_cycle_questions_p	Identifying

loc_cycle_questions_p

Contains property code and value information for table LOC_CYCLE_QUESTIONS.

loc_cycle_questions_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	question_id	VARCHAR (60)	NO	A unique identifier for the question.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table LOC_CYCLE_QUESTIONS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_cycle_questions_p Relationships

Parent Entity	Child Entity	Type
loc_cycle_questions	loc_cycle_questions_p	Identifying

loc_org_hierarchy

Contains organization hierarchy information allowing discounts and other functions to be applied based on the corporate structure. Lower levels will override higher levels. For example, a “city” component will override a “region” component. Note: Clients may use one of two tables to set up the pricing hierarchy: loc_org_hierarchy or loc_pricing_hierarchy. The two tables store the same data for the purposes of the price provider. The org hierarchy is a general-purpose hierarchy table that is able to drive more functionality besides prices, while the pricing hierarchy table stores less information and is designed only for the price provider. In the scope of the price provider itself, the two tables are interchangeable. In fact, their primary keys are identical.

loc_org_hierarchy Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	org_code	VARCHAR (30)	NO	The organization level code based on the defined customer's store structure (STORE, DISTRICT, REGION, CHAIN, etc.).
X	org_value	VARCHAR (60)	NO	The value for the organization level code. For Example: for store 123, the level_code will be STORE and the level_value will be 123.
	parent_code	VARCHAR (30)	YES	The parent code of this current level. For Example: if store 123 is under Chain 234, the parent code for store 123 is CHAIN and parent value will be 234.
	parent_value	VARCHAR (60)	YES	The parent value of this current level. For Example: if store 123 is under Chain 234, the parent code for store 123 is CHAIN and parent value will be 234.
	description	VARCHAR (254)	YES	Text description of this level.
	level_mngr	VARCHAR (254)	YES	The name of the person managing the organization.
	level_order	INTEGER	YES	The order of current hierarchy. Example: If the organization structure is DISTRICT, CHAIN, STORE, the order number would be 10, 20, 30.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	inactive_flag	BIT	NO	This flag is used to deactivate the level (i.e. STORE, DISTRICT, REGION, CHAIN, etc.)
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_org_hierarchy Relationships

Parent Entity	Child Entity	Type
loc_org_hierarchy	loc_org_hierarchy	Non-Identifying
loc_org_hierarchy	itm_item_prices	Identifying
loc_org_hierarchy	loc_org_hierarchy_p	Identifying
loc_org_hierarchy	tnd_exchange_rate	Identifying
loc_org_hierarchy	com_trans_prompt_properties	Non-Identifying
loc_org_hierarchy	com_shipping_fee	Non-Identifying
loc_org_hierarchy	loc_org_hierarchy	Non-Identifying

loc_org_hierarchy_p

Contains property code and value information for table LOC_ORG_HIERARCHY.

loc_org_hierarchy_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	org_code	VARCHAR (30)	NO	The organization level code based on the defined customer's store structure (STORE, DISTRICT, REGION, CHAIN, etc.).
X	org_value	VARCHAR (60)	NO	The value for the organization level code. For Example: for store 123, the level_code will be STORE and the level_value will be 123.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table LOC_ORG_HIERARCHY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_org_hierarchy_p Relationships

Parent Entity	Child Entity	Type
loc_org_hierarchy	loc_org_hierarchy_p	Identifying

[loc_pricing_hierarchy](#)

A tree structure that represents the organizational hierarchy of an organization for pricing purposes. The nodes in the tree are defined by a level code and level value pair. The code describes a horizontal separation of nodes, with one or more nodes in a given level. For example, one node may have a level code of STORE and a level value of 800. This would define store number 800 as a node in the tree. Note: Clients may use one of two tables to set up the pricing hierarchy: loc_org_hierarchy or loc_pricing_hierarchy. The two tables store the same data for the purposes of the price provider. The org hierarchy is a general-purpose hierarchy table that is able to drive more functionality as well as prices, while the pricing hierarchy table stores less information and is designed only for the price provider. In the scope of the price provider itself, the two tables are interchangeable. In fact, their primary keys are identical.

loc_pricing_hierarchy Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	level_code	VARCHAR (30)	NO	Describes the hierarchy level for the current node.
X	level_value	VARCHAR (60)	NO	Distinguishes one node in a hierarchy level from another; identifying a node amongst its siblings. For example, two nodes with a level code of STORE might have level values of 700 and 800. In this case, this would be the store number.
	parent_code	VARCHAR (30)	YES	The parent node's level code.
	parent_value	VARCHAR (60)	YES	The parent node's level value.
	description	VARCHAR (254)	YES	Text description for the current node; does not define any data relationships.
	level_order	INTEGER	YES	Defines levels in the hierarchy tree for sorting purposes. Records with the same level code should have the same level order, and the orders should increase the further down the tree you go.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

loc_pricing_hierarchy Relationships

Parent Entity	Child Entity	Type
loc_pricing_hierarchy	loc_pricing_hierarchy	Non-Identifying
loc_pricing_hierarchy	com_shipping_fee	Identifying
loc_pricing_hierarchy	itm_item_prices	Identifying
loc_pricing_hierarchy	loc_pricing_hierarchy_p	Identifying
loc_pricing_hierarchy	tnd_exchange_rate	Identifying
loc_pricing_hierarchy	com_trans_prompt_properties	Non-Identifying
loc_pricing_hierarchy	prc_deal	Non-Identifying
loc_pricing_hierarchy	loc_pricing_hierarchy	Non-Identifying

loc_pricing_hierarchy_p

Contains property code and value information for table LOC_PRICING_HIERARCHY.

loc_pricing_hierarchy_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	level_code	VARCHAR (30)	NO	Describes the hierarchy level for the current node.
X	level_value	VARCHAR (60)	NO	Distinguishes one node in a hierarchy level from another; identifying a node amongst its siblings. For example, two nodes with a level code of STORE might have level values of 700 and 800. In this case, this would be the store number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table LOC_PRICING_HIERARCHY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_pricing_hierarchy_p Relationships

Parent Entity	Child Entity	Type
loc_pricing_hierarchy	loc_pricing_hierarchy_p	Identifying

loc rtl_loc

Contains information about the physical location of a retail store.

loc_rtl_loc Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	store_name	VARCHAR (254)	YES	The name of the retail store.
	address1	VARCHAR (254)	YES	The first line of the address, normally the street number & name.
	address2	VARCHAR (254)	YES	The second line of the address. For example, building Suite or flat number.
	address3	VARCHAR (254)	YES	The third line of the address.
	address4	VARCHAR (254)	YES	The fourth line of the address.
	City	VARCHAR (254)	YES	The city component of an address.
	State	VARCHAR (30)	YES	The state component of an address.
	District	VARCHAR (30)	YES	The store location district. For example, a division or part of a city or town. Used for regionalizing information.
	Area	VARCHAR (30)	YES	The store location area. For example, a geographical tract or zone. Used for regionalizing information.
	postal_code	VARCHAR (30)	YES	The postal code (zip code) component of an address.
	Country	VARCHAR (2)	YES	The country component of an address.
	Neighborhood	VARCHAR (254)	YES	The neighborhood of an address.
	County	VARCHAR (254)	YES	The county component of an address.
	Locale	VARCHAR (30)	YES	Two character language code (ISO-6391), underscore, two character country code (ISO-3661-1). For example, "fr_CA" for a French-speaking Canadian employee.
	currency_id	VARCHAR (3)	YES	The three-letter ISO currency code. For example, USD, EUR, etc.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	Latitude	NUMERIC (17,6)	YES	Latitude is defined with respect to an equatorial reference plane (Format=NUMERIC Degree). For example, the latitude for a store in Cleveland Ohio USA would be approximately 41.4
	Longitude	NUMERIC (17,6)	YES	Longitude is defined in terms of meridians (Format=NUMERIC Degree). For example, the longitude for a store in Cleveland Ohio USA would be approximately 81.85
	telephone1	VARCHAR (32)	YES	The primary telephone number.
	telephone2	VARCHAR (32)	YES	The alternate telephone number.
	telephone3	VARCHAR (32)	YES	The alternate telephone number.
	telephone4	VARCHAR (32)	YES	The alternate telephone number.
	Description	VARCHAR (254)	YES	A text description for the retail location.
	store_nbr	VARCHAR (254)	YES	A unique reference number to identify the retail store.
	Apartment	VARCHAR (30)	YES	The apartment number component of the address.
	store_manager	VARCHAR (254)	YES	The store manager's name.
	email_addr	VARCHAR (254)	YES	The email address for the retail location.
	default_tax_percentage	NUMERIC (8,6)	YES	The display text tax percentage and shown on receipts for the store.
	location_type	VARCHAR (60)	YES	The type of location. For example; Store, Courier, warehouse, etc.
	delivery_available_flag	BIT	NO	If true, item delivery is available from this location.
	pickup_available_flag	BIT	NO	If true, item pick up is available from this location.
	transfer_available_flag	BIT	NO	If true, item transfer is available from this location.
	geo_code	VARCHAR (20)	YES	A Taxware-defined code used to distinguish locations that have more than one ZIP Code and cities that are located in more than one county. Also used to identify locations inside or outside city limits. Used to determine default taxing when unable to connect to Taxware.
	uez_flag	BIT	NO	A Taxware-defined flag. If true, this store location is within an Urban Enterprise Zone. Used to determine default taxing when unable to connect to Taxware.
	alternate_store_nbr	VARCHAR (254)	YES	Retailer-assigned store number, used with WinRetail integration.
	zone_id	VARCHAR (30)	YES	Zone Id of the retail location (Note: when a store is setup as a airport tax free store it should be given a zone id).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	use_till_accountability_flag	BIT	NO	Determines whether the store runs in TILL Accountability Mode or Register Mode.
	deposit_bank_name	VARCHAR (254)	YES	Deposit Bank Name printed when franking.
	deposit_bank_account_number	VARCHAR (30)	YES	Deposit Bank Account Number printed when franking.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc rtl loc Relationships

Parent Entity	Child Entity	Type
loc_rtl_loc	ctl_app_version	Identifying
loc_rtl_loc	hrs_employee_store	Identifying
loc_rtl_loc	hrs_employee_task	Identifying
loc_rtl_loc	inv_bucket	Identifying
loc_rtl_loc	inv_carton	Identifying
loc_rtl_loc	inv_count	Identifying
loc_rtl_loc	inv_count_section	Identifying
loc_rtl_loc	inv_invctl_document	Identifying
loc_rtl_loc	inv_inventory_loc_mod	Identifying
loc_rtl_loc	inv_location	Identifying
loc_rtl_loc	inv_valid_destinations	Identifying
loc_rtl_loc	loc_close_dates	Identifying
loc_rtl_loc	loc_closing_message	Identifying

Parent Entity	Child Entity	Type
loc rtl loc	loc rtl loc p	Identifying
loc rtl loc	loc wkstn	Identifying
loc rtl loc	tax rtl loc tax mapping	Identifying
loc rtl loc	tax tax group mapping	Identifying
loc rtl loc	thr payroll	Identifying
loc rtl loc	thr payroll header	Identifying
loc rtl loc	tsn tndr repository	Identifying
loc rtl loc	cat cust acct	Non-Identifying
loc rtl loc	cat cust acct journal	Non-Identifying
loc rtl loc	crm party	Non-Identifying
loc rtl loc	crm party	Non-Identifying
loc rtl loc	inv shipment	Non-Identifying
loc rtl loc	loc cycle question answers	Non-Identifying
loc rtl loc	loc cycle questions	Non-Identifying
loc rtl loc	trl invctl document mod	Non-Identifying
loc rtl loc	trn trans	Non-Identifying

loc rtl loc p

Contains property code and value information for table LOC_RTL_LOC.

loc_rtl_loc_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table LOC_RTL_LOC (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_rtl_loc_p Relationships

Parent Entity	Child Entity	Type
loc_rtl_loc	loc_rtl_loc_p	Identifying

loc_state_journal

Contains information about the business date, workstation status, and retail location status.

loc_state_journal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	status_typcode	VARCHAR (30)	NO	The status type; BUSINESS_DATE, RTL_LOC_STATE, STORE_LAYOUT_CHECKOUT, and WKSTN_STATE.
X	state_journal_id	VARCHAR (60)	NO	An auto generated number using the sequence factory; store number-register number-sequence number.
	time_stamp	DATETIME	YES	The date and time when the status was changed.
	date_value	DATETIME	YES	Used with BUSINESS_DATE status_typcode.
	string_value	VARCHAR (30)	YES	Used with RTL_LOC_STATE, and WKSTN_STATE status_typcodes. Valid values include OPEN and CLOSED.
	decimal_value	NUMERIC (17,6)	YES	Used with STORE_LAYOUT_CHECKOUT status_typcode (value=0 or 1). Used to track whether or not the store layout functionality is checked out to a handheld device.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_state_journal Relationships

Parent Entity	Child Entity	Type
loc_wkstn	loc_state_journal	Identifying
loc_state_journal	loc_state_journal_p	Identifying

loc_state_journal_p

Contains property code and value information for table LOC_STATE_JOURNAL.

loc_state_journal_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	status_typcode	VARCHAR (30)	NO	The status type; BUSINESS_DATE, RTL_LOC_STATE, STORE_LAYOUT_CHECKOUT, and WKSTN_STATE.
X	state_journal_id	VARCHAR (60)	NO	An auto generated number using the sequence factory; store number-register number-sequence number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table LOC_STATE_JOURNAL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_state_journal_p Relationships

Parent Entity	Child Entity	Type
loc_state_journal	loc_state_journal_p	Identifying

loc_wkstn

Contains information about a register/handheld device within a store.

loc_wkstn Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_wkstn Relationships

Parent Entity	Child Entity	Type
loc_rtl_loc	loc_wkstn	Identifying
loc_wkstn	civc_invoice	Identifying
loc_wkstn	com_sequence	Identifying
loc_wkstn	ctl_device_registration	Identifying
loc_wkstn	ctl_log_trickle	Identifying
loc_wkstn	ctl_replication_queue	Identifying
loc_wkstn	loc_state_journal	Identifying
loc_wkstn	loc_wkstn_p	Identifying

Parent Entity	Child Entity	Type
loc_wkstn	thr_timecard_entry	Identifying
loc_wkstn	trn_trans	Identifying
loc_wkstn	ctl_event_log	Non-Identifying
loc_wkstn	tsn_session_wkstn	Non-Identifying
loc_wkstn	tsn_till_ctrl_trans_detail	Non-Identifying

loc_wkstn_p

Contains property code and value information for table LOC_WKSTN.

loc_wkstn_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table LOC_WKSTN (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

loc_wkstn_p Relationships

Parent Entity	Child Entity	Type
loc_wkstn	loc_wkstn_p	Identifying

log_sp_report

Used to log sp_report.

log_sp_report Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	job_id	INTEGER	NO	Identifies the job id
X	loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
	start_dt	DATETIME	YES	The start date and time for processing the location and business date transactions.
	end_dt	DATETIME	YES	The end date and time for processing the location and business date transactions.
	completed	INTEGER	YES	The number of transactions processed.
	expected	INTEGER	YES	The number of transaction expected to process.
X	job_start	DATETIME	NO	The start date and time of the job.
	job_end	DATETIME	YES	The end date and time of the job.

Domain: PRC

Deal Pricing Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

prc_deal

Contains the definition for a deal.

prc_deal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal.
	org_code	VARCHAR (30)	NO	Describes the hierarchy level for the current node.
	org_value	VARCHAR (60)	NO	Distinguishes one node in a hierarchy level from another; identifying a node amongst its siblings. For example, two nodes with a level code of STORE might have level values of 700 and 800. In this case, this would be the store number.
	description	VARCHAR (128)	YES	Brief description of the deal. In some cases, this will be used as the line item description in the transaction on line items to which the deal applies.
	consumable	BIT	YES	This field defines whether deal is considered to be exclusive. If set to true and deal applies - no other deal can apply. Works for transaction-level deals only!
	act_deferred	BIT	YES	If true, this is a deferred deal. For standard deals whose actions apply to the current transaction, this column should be false. It will be true when used in conjunction with features like rebates and bounceback coupons.
	effective_date	DATETIME	YES	Day on which this deal becomes active. Used with end_date to determine the calendar dates during which this deal is effective. If NULL, the effective date for the deal is indefinite.
	end_date	DATETIME	YES	Day on which this deal expires. Used with effective_date to determine the calendar dates during which this deal is effective. If NULL, the end date for the deal is indefinite.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	start_time	DATETIME	YES	Daily time at which this deal becomes active. Used with end_time to determine if a deal is usable during a particular time of day on effective days. Allows deals to occur only before, during, or after a certain time, but on every day.
	end_time	DATETIME	YES	Daily time at which this deal becomes inactive. Used with start_time to determine if a deal is usable during a particular time of day on effective days. Allows deals to occur only before, during, or after a certain time, but on every day.
	generosity_cap	NUMERIC (17,6)	YES	Ceiling currency amount for this deal to discount. Used to place an upper limit on the amount that the deal may discount from the transaction. If this upper limit is reached at any point during the application of the deal, the deal is applied to the maximum of this amount.
	iteration_cap	INTEGER	YES	The maximum number of times this deal may apply to the same transaction. Used to place an upper limit on the number of times this deal may apply to the same transaction. In the case of transaction-wide deals, this should always be 1. In the case of item-based deals, this will indicate the maximum number of times that a set of items may be matched in the transaction. A setting of -1 will allow for an application to occur for every matching item set.
	priority_nudge	INTEGER	YES	The arbitration value between equivalent deals. Used to provide an ordering of deals which have the same effect, but in which one may be preferable to the other.
	subtotal_min	NUMERIC (17,6)	YES	Used to specify the minimum subtotal that the transaction must have before this deal may be applied.
	subtotal_max	NUMERIC (17,6)	YES	Indicates the maximum value the transaction may have, above which a deal is no longer applicable.
	trwide_action	VARCHAR (30)	YES	Transaction-wide action is the name of the action to be performed. Either the price of a set of line items matched by an item matching rule or the subtotal of the transaction. Valid values include NEW_PRICE, PERCENT_OFF, CURRENCY_OFF, and SUBSTITUTE.
	trwide_amount	NUMERIC (17,6)	YES	Transaction-wide amount is the currency amount or percentage to use in combination with the action to take on the subtotal of the transaction.
	taxability_code	VARCHAR (30)	YES	Valid values include "POST_TAX" or "PRE_TAX"/"DEFAULT". When "POST_TAX", the tax will be calculated before the discount is applied. For any other value, the tax will be calculated after the discount is applied.
	promotion_id	VARCHAR (60)	YES	The identifier for the promotion. This is defined by the client.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	higher_nonaction_amt_flag	BIT	YES	If True, will validate if the total amount of the trigger items is greater than the total amount of discount items in 'Buy X Get Y Free' deal or 'Buy X Get Y for % Off' deal to determine if the deal will apply.
	exclude_price_override_flag	BIT	YES	If True, exclude items with price overrides from deals.
	exclude_discounted_flag	BIT	YES	If True, exclude items with discounted prices from deals.
	targeted_flag	BIT	YES	If True, indicates that a deal applies only to those customers whose records explicitly identify it. If false, the deal is available to the general public, regardless of the customer assigned to the transaction and in cases where no customer is assigned at all.
	week_sched_flag	BIT	YES	If true, a deal has a schedule represented in the prc_deal_week table.
	sort_order	INTEGER	NO	Order of the deals.
	type	VARCHAR (60)	YES	Type of deal.
	group_id	VARCHAR (60)	YES	Deal group identifier. List of deal group identifiers and their order is defined in DealSetupConfig.xml. Deals without explicit group will be a part of DEFAULT group. Deal engine will operate only on deals in same deal group at a time, but will iterate through all defined groups.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

prc_deal Relationships

Parent Entity	Child Entity	Type
loc_pricing_hierarchy	prc_deal	Non-Identifying
prc_deal	prc_deal_cust_groups	Identifying
prc_deal	prc_deal_document_xref	Identifying
prc_deal	prc_deal_item	Identifying
prc_deal	prc_deal_p	Identifying
prc_deal	prc_deal_trig	Identifying
prc_deal	prc_deal_week	Identifying

prc_deal_cust_groups

Contains information for mapping a deal to a customer group.

prc_deal_cust_groups Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal.
X	cust_group_id	VARCHAR (60)	NO	A unique identification number assigned to a customer group. This is the customer group to which the customer must belong to be eligible for the deal specified by deal_id.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.

prc_deal_cust_groups Relationships

Parent Entity	Child Entity	Type
prc_deal	prc_deal_cust_groups	Identifying
prc_deal_cust_groups	prc_deal_cust_groups_p	Identifying

prc_deal_cust_groups_p

Contains property code and value information for table PRC DEAL CUST GROUPS.

prc_deal_cust_groups_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal.
X	cust_group_id	VARCHAR (60)	NO	A unique identification number assigned to a customer group. This is the customer group to which the customer must belong to be eligible for the deal specified by deal_id.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table PRC DEAL CUST GROUPS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

prc_deal_cust_groups_p Relationships

Parent Entity	Child Entity	Type
prc_deal_cust_groups	prc_deal_cust_groups_p	Identifying

[prc_deal_document_xref](#)

Contains information to define the relationship between a deal and a document definition.

prc_deal_document_xref Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal.
X	series_id	VARCHAR (60)	NO	An identifier for a specific run of documents.
X	document_type	VARCHAR (30)	NO	Identifier for the type of document (BOUNCEBACK, THANKYOU, REBATE, etc.).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.

prc_deal_document_xref Relationships

Parent Entity	Child Entity	Type
prc_deal	prc_deal_document_xref	Identifying
prc_deal_document_xref	prc_deal_document_xref_p	Identifying

prc_deal_document_xref_p

Contains property code and value information for table PRC DEAL DOCUMENT_XREF.

prc_deal_document_xref_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal.
X	series_id	VARCHAR (60)	NO	An identifier for a specific run of documents.
X	document_type	VARCHAR (30)	NO	Identifier for the type of document (BOUNCEBACK, THANKYOU, REBATE, etc.).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table PRC DEAL DOCUMENT_XREF (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

prc_deal_document_xref_p Relationships

Parent Entity	Child Entity	Type
prc_deal_document_xref	prc_deal_document_xref_p	Identifying

prc_deal_field_test

Contains the constraint information for item matching rules for deals.

prc_deal_field_test Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal. Corresponds to prc_deal.deal_id.
X	item_ordinal	INTEGER	NO	Defines the order in which the items are matched during the execution of the deal engine. This is the ordinal of this item within the items to be matched by the deal. Essentially, this column is a sequence which resets to 1 for each deal.
X	item_condition_group	INTEGER	NO	Identifies a group of conditions which are compared against other groups using an OR logical expression. Used to support “compound” (i.e. AND/OR grouped) deals. Each different item condition group represents a condition that must be satisfied for the deal to apply. Different item condition groups represent OR logic. Any group that is satisfied will result in the deal applying. Tests that are part of the same item condition group represent AND logic. All tests within an item condition group must be satisfied in order for the group to be satisfied. For example, if Condition A and Condition B have a different value for item_condition_group, the relationship will be Condition A OR Condition B. If Condition A and Condition B have the same value for item_condition_group, the relationship will be Condition A AND Condition B (default="1").
X	item_condition_seq	INTEGER	NO	Indicates the sequence in which two item conditions with the same item_condition_group number are performed. Used to ensure a unique primary key for each record. Identifies a condition within a given group and compared against other conditions in that group using an AND logical expression. Used to support “compound” (i.e. AND/OR grouped) deals (default="1").
	org_code	VARCHAR (30)	NO	The organization level code based on the customer’s store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients).
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	item_field	VARCHAR (60)	NO	The field to be matched by this row. Valid values include: USE (The typecode of the line item; the valid value1 entries are: SALE, RETURN, LAYAWAY, SPECIAL_ORDER, CUSTOMER_BACKORDER, WORK_ORDER, and SEND_SALE), MANUFACTURER (this field will only work if the item_id is the item's UPC, If it is a UPC —12 or 13 digits—the first six digits, which define the manufacturer, will be compared), QUANTITY (the quantity in the line item), PRICE represents the unit price of the line item, DEPARTMENT (the department from which the item is sold, taken from field: itm_item.department_id), SUBDEPARTMENT (the sub-department from which the item is sold, taken from field: itm_item.subdepartment_id), CLASS (Class of the item, taken from field: itm_item.class_id), SUBCLASS (subclass of the item, taken from field: itm_item.subclass_id), VENDOR (Vendor/supplier of the item, taken from field: itm_item.vendor), SEASON (Season for which the item is designed or released, taken from field: itm_item.season_code), STYLE (style of the item, taken from field: itm_item.parent_item_id), SKU (item's unique identifier, taken from field: itm_item.item_id), ALLOW DEAL (checks to verify deals are allowed, it ensures that the itm_item.disallow_discount_flag is not set to true, and the business logic in the register does not disallow discounts), ITEM_STOCK_STATUS (the item's stock availability, taken from field: itm_item.stock_status), DIMENSION1 (may be used for color, size, or other characteristic, taken from itm_item_dimension_value where itm_item_dimension_type.dimension is dimension1), DIMENSION2 (may be used for color, size, or other characteristic, taken from itm_item_dimension_value where itm_item_dimension_type.dimension is dimension2), DIMENSION3 (May be used for color, size, or other characteristic, taken from itm_item_dimension_value where itm_item_dimension_type.dimension is dimension3), PRICE_OVERRIDE (this value is true when a manual price change has been applied to the item), DISCOUNTED (this value is true when a discount or coupon has been applied to the item).
	match_rule	VARCHAR (20)	NO	Corresponds to the rule used to match this field. Used in determining the validity of the field. Valid values: EQUAL (test field for equality to argument), NOT_EQUAL (test field for inequality to argument), GREATER (field must be greater than the first argument), LESS (field must be less than the first argument), BETWEEN (field must be within the inclusive bound specified by the first and second arguments).
	value1	VARCHAR (128)	NO	This is the first argument to the operator specified by match_rule.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	value2	VARCHAR (128)	YES	This is (if applicable) the second argument to the operator specified by the match_rule. This value is used only when match_rule is BETWEEN.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across timezones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across timezones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.

prc_deal_field_test Relationships

Parent Entity	Child Entity	Type
prc_deal_item	prc_deal_field_test	Identifying
prc_deal_field_test	prc_deal_field_test_p	Identifying

[prc_deal_field_test_p](#)

Contains property code and value information for table PRC DEAL FIELD TEST.

prc_deal_field_test_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal. Corresponds to prc_deal.deal_id.
X	item_ordinal	INTEGER	NO	Defines the order in which the items are matched during the execution of the deal engine. This is the ordinal of this item within the items to be matched by the deal. Essentially, this column is a sequence which resets to 1 for each deal.
X	item_condition_group	INTEGER	NO	Identifies a group of conditions which are compared against other groups using an OR logical expression. Used to support "compound" (i.e. AND/OR grouped) deals. Each different item condition group represents a condition that must be satisfied for the deal to apply. Different item condition groups represent OR logic. Any group that is satisfied will result in the deal applying. Tests that are part of the same item condition group represent AND logic. All tests within an item condition group must be satisfied in order for the group to be satisfied. For example, if Condition A and Condition B have a different value for item_condition_group, the relationship will be Condition A OR Condition B. If Condition A and Condition B have the same value for item_condition_group, the relationship will be Condition A AND Condition B (default="1").
X	item_condition_seq	INTEGER	NO	Indicates the sequence in which two item conditions with the same item_condition_group number are performed. Used to ensure a unique primary key for each record. Identifies a condition within a given group and compared against other conditions in that group using an AND logical expression. Used to support "compound" (i.e. AND/OR grouped) deals (default="1").
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table PRC DEAL FIELD TEST (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

prc_deal_field_test_p Relationships

Parent Entity	Child Entity	Type
prc_deal_field_test	prc_deal_field_test_p	Identifying

prc_deal_item

Contains item matching rules for a particular deal.

prc_deal_item Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal. Corresponds to prc_deal.deal_id.
X	item_ordinal	INTEGER	NO	Defines the order in which the items are matched during the execution of the deal engine. This is the ordinal of this item within the items to be matched by the deal. Essentially, this column is a sequence which resets to 1 for each deal.
	consumable	BIT	YES	If true, a deal has item matching rules which consume the items that they match. Item consumption is largely inapplicable to deferred deals. Any item rules in subsequent deals which could match and consume the item will be unable to match an already consumed item. This allows deals to exclude each other based on what items they have matched. Note: This flag only affects the composition of groups when considering multiple deals, not multiple applications of the same deal. This flag is used to either allow or prohibit a single item to serve as a trigger or target for multiple deals simultaneously.
	qty_min	NUMERIC (17,4)	YES	Minimum quantity of this item required to satisfy this item rule. A qty_min of 0 puts no lower bound on the range (default value=1).
	qty_max	NUMERIC (17,4)	YES	Maximum quantity of this item required to satisfy this item rule. A qty_max of less than or equal to 0 describes an unbounded upper limit (default value=1).
	min_item_total	NUMERIC (17,6)	YES	Minimum subtotal of items matching this rule required to satisfy this item rule. For example, Buy \$50 of merchandise in the men's department and get 15% off.
	deal_action	VARCHAR (30)	YES	Action which the deal should take on the item. Valid values include NEW_PRICE, PERCENT_OFF, CURRENCY_OFF, and SUBSTITUTE.
	action_arg	NUMERIC (17,6)	YES	Amount or percentage to apply based on deal_action.
	action_arg_qty	NUMERIC (17,4)	YES	Indicates the total number of items to which the action is to be applied. For example, if item A can be purchased at 3 for \$10, action_arg will be 10 and action_arg_qty will be 3 for this deal. Whereas, if item A can be purchased at 3 for \$10 each (for a total of \$30), action_arg will be 10 and action_arg_qty will be 1 for this deal.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.

prc_deal_item Relationships

Parent Entity	Child Entity	Type
prc_deal	prc_deal_item	Identifying
prc_deal_item	prc_deal_field_test	Identifying
prc_deal_item	prc_deal_item_p	Identifying

prc_deal_item_p

Contains property code and value information for table PRC DEAL ITEM.

prc_deal_item_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal. Corresponds to prc_deal.deal_id.
X	item_ordinal	INTEGER	NO	Defines the order in which the items are matched during the execution of the deal engine. This is the ordinal of this item within the items to be matched by the deal. Essentially, this column is a sequence which resets to 1 for each deal.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table PRC DEAL ITEM (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

prc_deal_item_p Relationships

Parent Entity	Child Entity	Type
prc_deal_item	prc_deal_item_p	Identifying

prc_deal_p

Contains property code and value information for table PRC DEAL.

prc_deal_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table PRC DEAL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

prc_deal_p Relationships

Parent Entity	Child Entity	Type
prc_deal	prc_deal_p	Identifying

prc_deal_trig

Contains a many-to-one relationship with the primary deal table. For each deal there may be any number of triggers (or none).

prc_deal_trig Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal.
X	deal_trigger	VARCHAR (128)	NO	The identifier for the deal trigger. For example, to tie a deal to a coupon, create an entry here in the form "COUPON:STORE_COUPON:1234" where dsc_coupon_xref.coupon_type = 'STORE_COUPON' and dsc_coupon_xref.coupon_serial_nbr = '1234'.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.

prc_deal_trig Relationships

Parent Entity	Child Entity	Type
prc_deal	prc_deal_trig	Identifying
prc_deal_trig	prc_deal_trig_p	Identifying

prc_deal_trig_p

Contains property code and value information for table PRC DEAL TRIG.

prc_deal_trig_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal.
X	deal_trigger	VARCHAR (128)	NO	The identifier for the deal trigger. For example, to tie a deal to a coupon, create an entry here in the form "COUPON:STORE_COUPON:1234" where dsc_coupon_xref.coupon_type = 'STORE_COUPON' and dsc_coupon_xref.coupon_serial_nbr = '1234'.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table PRC DEAL TRIG (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

prc_deal_trig_p Relationships

Parent Entity	Child Entity	Type
prc_deal_trig	prc_deal_trig_p	Identifying

prc_deal_week

Contains entries that support applying promotions only on specific days at specific times.

prc_deal_week Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal.
X	day_code	VARCHAR (3)	NO	The code representing the day to apply the deal (SUN, MON, TUE, WED, THU, FRI, or SAT).
X	start_time	DATETIME	NO	The starting time of the deal for the given day.
	end_time	DATETIME	YES	The ending time of the deal for the given day.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.

prc_deal_week Relationships

Parent Entity	Child Entity	Type
prc_deal	prc_deal_week	Identifying
prc_deal_week	prc_deal_week_p	Identifying

prc_deal_week_p

Contains property code and value information for table PRC DEAL WEEK.

prc_deal_week_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	deal_id	VARCHAR (60)	NO	The unique identifier for a deal.
X	day_code	VARCHAR (3)	NO	The code representing the day to apply the deal (SUN, MON, TUE, WED, THU, FRI, or SAT).
X	start_time	DATETIME	NO	The starting time of the deal for the given day.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table PRC DEAL WEEK (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

prc_deal_week_p Relationships

Parent Entity	Child Entity	Type
prc_deal_week	prc_deal_week_p	Identifying

Domain: RMS

Staging tables for RMS used by DataLoader only and not the core application.

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

rms_diff_group_detail

This table contains one row for each differentiator defined within a differential group.

rms_diff_group_detail Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	diff_group_id	VARCHAR (10)	NO	Differentiator group ID.
X	diff_id	VARCHAR (10)	NO	Differentiator ID.
	display_seq	NUMERIC (4,0)	YES	The order the differentiators are to be displayed.
	create_date	DATETIME	YES	The date the record was created.
	update_date	DATETIME	YES	The date the record was updated.

rms_diff_group_detail Relationships

Parent Entity	Child Entity	Type
rms_diff_group_head	rms_diff_group_detail	Identifying
rms_diff_ids	rms_diff_group_detail	Identifying

rms_diff_group_head

This table contains one row for each differential group.

rms_diff_group_head Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	diff_group_id	VARCHAR (10)	NO	Differentiator group ID.
	diff_type	VARCHAR (6)	NO	Differentiator type.
	diff_group_desc	VARCHAR (120)	NO	Differentiator group description.
	create_date	DATETIME	YES	The date the record was created.
	update_date	DATETIME	YES	The date the record was updated.

rms_diff_group_head Relationships

Parent Entity	Child Entity	Type
rms_diff_group_head	rms_diff_group_detail	Identifying

rms_diff_ids

This table contains all possible sizes, colors, flavors, scents, patterns, etc.

rms_diff_ids Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	diff_id	VARCHAR (10)	NO	Differentiator ID.
	diff_desc	VARCHAR (120)	YES	Differentiator description.
	diff_type	VARCHAR (6)	NO	Differentiator type.
	diff_type_desc	VARCHAR (120)	YES	Differentiator type description.
	create_date	DATETIME	YES	The date the record was created.
	update_date	DATETIME	YES	The date the record was updated.

rms_diff_ids Relationships

Parent Entity	Child Entity	Type
rms_diff_ids	rms_diff_group_detail	Identifying

rms_related_item_head

This table contains one row for each related item.

rms_related_item_head Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	relationship_id	NUMERIC (20,0)	NO	A unique identifier for a relationship.
	item	VARCHAR (60)	YES	The retailer's SKU or unique item identifier for items sold or returned.
X	location	VARCHAR (10)	NO	Item location.
	relationship_name	VARCHAR (255)	NO	Name of the relationship.
	relationship_type	VARCHAR (6)	NO	Type of relationship.
	mandatory_ind	VARCHAR (1)	NO	Mandatory indicator.
	create_date	DATETIME	YES	The date the record was created.
	update_date	DATETIME	YES	The date the record was updated.

Domain: RPT

Reporting Entities

[For Entity Relationship diagrams, see Appendix A: Entity Relationship Diagrams on page 1058.](#)

rpt_fifo

Stores the data which the stored procedure SP_FIFO_SUMMARY generates

rpt_fifo Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
	description	VARCHAR (254)	YES	Text description of the item.
	style_id	VARCHAR (60)	YES	The identifier for the style.
	style_desc	VARCHAR (254)	YES	The description of the style.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	store_name	VARCHAR (254)	YES	Name of the retail store.
	unit_count	DECIMAL (14,4)	YES	Item quantity as stated in the inventory document.
	unit_cost	DECIMAL (17,6)	YES	Item cost as stated in the inventory document.
X	user_name	VARCHAR (30)	NO	Name of Xadmin User who generates the fifo report.
	comment	VARCHAR (254)	YES	Comment added to be displayed in report if proper cost cannot be generated for the item. This happens when not enough inventory documents can supply the cost for the item. Pending count wasn't able to get to 0.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

rpt_fifo Relationships

Parent Entity	Child Entity	Type
rpt_fifo	rpt_fifo_detail	Identifying

rpt_fifo_detail

Stores the detailed data which the stored procedure SP_FIFO_DETAIL generates

rpt_fifo_detail Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items sold or returned.
	description	VARCHAR (254)	YES	Text description of the Item.
	style_id	VARCHAR (60)	YES	The identifier for the style.
	style_desc	VARCHAR (254)	YES	The description of the style.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	store_name	VARCHAR (254)	YES	Name of the retail store.
X	invctl_doc_id	VARCHAR (60)	NO	The reference number that uniquely identifies the inventory control document.
X	invctl_doc_line_nbr	INTEGER	NO	The inventory control document line number specifies the line number within the inventory control document.
X	user_name	VARCHAR (30)	NO	Name of Xadmin User who generates the fifo report.
	invctl_doc_create_date	DATETIME	YES	Date that the inventory control document was created.
	unit_count	DECIMAL (14,4)	YES	Item quantity as stated in the inventory document.
	current_unit_count	DECIMAL (14,4)	YES	The correct unit count.
	unit_cost	DECIMAL (17,6)	YES	Item cost as stated in the inventory document.
	unit_count_a	DECIMAL (14,4)	YES	Unit Count A
	current_cost	DECIMAL (17,6)	YES	Current cost.
	comment	VARCHAR (254)	YES	Comment added to be displayed in report if proper cost cannot be generated for the item. This happens when not enough inventory documents can supply the cost for the item. Pending count wasn't able to get to 0.
	pending_count	DECIMAL (14,4)	YES	Pending Count.
	create_date	DATETIME	YES	The date the record was created.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

rpt_fifo_detail Relationships

Parent Entity	Child Entity	Type
rpt_fifo	rpt_fifo_detail	Identifying

rpt_flash_sales

Contains the current day's flash sales data.

rpt_flash_sales Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	line_enum	VARCHAR (30)	NO	The code denoting the type of line referenced in the report. For example, GROSSALES, NONMERCHANDISE, LAYAWAYITEMS, TOTALTAX, DISCOUNTS, RETURNS, NETSALES, LAYAWAYPAYMENTS, LAYAWAYDEPOSITS, PAIDIN, PAIDOUT, CHECK, USD_CURRENCY, CAD_CURRENCY, etc.
	line_count	NUMERIC (11,4)	YES	The number of units of the referenced line.
	line_amt	NUMERIC (17,6)	YES	The monetary amount of the referenced line.
	foreign_amt	NUMERIC (17,6)	YES	The monetary value (in the currency submitted by the customer) of the tender submitted by the customer.
	currency_id	VARCHAR (3)	YES	The three-letter ISO currency code. For example, USD, EUR, etc.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

rpt_flash_sales_goal

Stores the sales goal information for use in the Flash Sales report.

rpt_flash_sales_goal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
	sales_goal	NUMERIC (17,6)	YES	The sales goal for a specific day.
	sales_last_year	NUMERIC (17,6)	YES	The sales amount for last year for a specific day.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

rpt_item_price

Contains Xpocket item price data.

rpt_item_price Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	item_id	VARCHAR (60)	NO	The retailer's SKU or unique item identifier for items.
	regular_price	NUMERIC (17,6)	YES	The regular price of the item.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

rpt_merchlvl1_sales

Contains accumulator information for the current day's department sales for reporting.

rpt_merchlvl1_sales Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	merch_level_1	VARCHAR (60)	NO	A unique identifier for the POS selling location within the store.
	line_count	NUMERIC (11,4)	YES	The number of department items sold.
	line_amt	NUMERIC (17,6)	YES	The dollar amount for the number of department items sold.
	gross_amt	NUMERIC (17,6)	YES	The gross amount of the line item.
	currency_id	VARCHAR (3)	YES	The three-letter ISO currency code. For example, USD, EUR, etc.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

rpt_organizer

Contains report specifications to control report formatting and layout.

rpt_organizer Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	report_name	VARCHAR (100)	NO	The name of the report.
X	report_group	VARCHAR (100)	NO	The report classification in the report (Sale, Tender, etc).
X	report_element	VARCHAR (200)	NO	The specific component within the report group. For example, the “Sale” report group may include elements such as Discounts, Gross Sales, Net Sales, Returns, etc.
	report_order	INTEGER	YES	The element display order within the report group.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

rpt_organizer Relationships

Parent Entity	Child Entity	Type
rpt_organizer	rpt_organizer_p	Identifying

rpt_organizer_p

Contains property code and value information for table RPT_ORGANIZER.

rpt_organizer_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	report_name	VARCHAR (100)	NO	The name of the report.
X	report_group	VARCHAR (100)	NO	The report classification in the report (Sale, Tender, etc).
X	report_element	VARCHAR (200)	NO	The specific component within the report group. For example, the "Sale" report group may include elements such as Discounts, Gross Sales, Net Sales, Returns, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table RPT_ORGANIZER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

rpt_organizer_p Relationships

Parent Entity	Child Entity	Type
rpt_organizer	rpt_organizer_p	Identifying

rpt_sale_line

Maintained primarily through triggers .Contains reporting information to allow for faster report generation.

rpt_sale_line Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	Quantity	NUMERIC (11,4)	YES	The quantity of the line item (net quantity) updated by application that includes the logic for book sale on setup or pickup.
	actual_quantity	NUMERIC (11,4)	YES	The actual line item quantity. This value is used to account for layaway items booked at pickup.
	gross_quantity	NUMERIC (11,4)	YES	The gross quantity of the line item (general quantity).
	unit_price	NUMERIC (17,6)	YES	The regular or lookup per-unit price for the item before any discounts have been applied.
	net_amt	NUMERIC (17,6)	YES	Total recorded amount after deducting any sales discounts or sales returns and allowances.
	gross_amt	NUMERIC (17,6)	YES	Total recorded amount before deducting any sales discounts or sales returns and allowances.
	currency_id	VARCHAR (3)	YES	The three-letter ISO currency code. For example, USD, EUR, etc.
	item_id	VARCHAR (60)	YES	The retailer's SKU or unique item identifier for items sold or returned.
	item_desc	VARCHAR (254)	YES	The item description.
	merch_level_1	VARCHAR (60)	YES	A unique identifier for the POS selling location within the store.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	serial_nbr	VARCHAR (60)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	return_flag	BIT	YES	If true, this is a return item.
	override_amt	NUMERIC (17,6)	YES	The amount as overridden by the user.
	trans_timestamp	DATETIME	YES	The time when the transaction occurred.
	discount_amt	NUMERIC (17,6)	YES	Amount of the discount.
	cust_party_id	BIGINT	YES	The party identifier for the customer.
	last_name	VARCHAR (254)	YES	A person's last name. In western cultures this is the family (or patronymic) name. In other cultures it may be the given name.
	first_name	VARCHAR (254)	YES	A person's first name. In western cultures this is the given name, in other cultures it may be the family name.
	trans_statcode	VARCHAR (60)	YES	A code representing the status of a transaction. Valid Values: CANCEL, CANCEL_ORPHANED, COMPLETE, NEW, RESUME, SUSPEND, VOID
	sale_lineitem_typcode	VARCHAR (60)	YES	Code representing a type of line item (SALE, RETURN, etc.)
	begin_time_int	INTEGER	YES	Integer format for the begin time (numeric form).
	regular_base_price	NUMERIC (17,6)	YES	The regular base price for an item on promotion. Used for reporting.
	exclude_from_net_sales_flag	BIT	YES	If true, this item will not be attributed as revenue.
	trans_date	DATETIME	YES	The date when the transaction is done, relative to GMT so as to be consistent across time zones.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

rpt_sales_by_hour

Contains data for the sales by hour report.

rpt_sales_by_hour Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	hour	INTEGER	NO	The 60 minute time period for delimiting sales information.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
	trans_count	INTEGER	YES	The number of transactions.
	qty	NUMERIC (11,4)	YES	The number of items.
	net_sales	NUMERIC (17,6)	YES	Total recorded sales after deducting any sales discounts or sales returns and allowances for the hour.
	gross_sales	NUMERIC (17,6)	YES	Total recorded sales before deducting any sales discounts or sales returns and allowances for the hour.
	currency_id	VARCHAR (3)	YES	The three-letter ISO currency code. For example, USD, EUR, etc.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

Domain: SCH

Scheduling Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

sch_emp_time_off

Contains employee time-off information.

sch_emp_time_off Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	time_off_seq	BIGINT	NO	Sequence number within the table to keep the time-off record ordered and unique.
	start_datetime	DATETIME	YES	The date and time the employee time-off session begins.
	end_datetime	DATETIME	YES	The date and time the employee time-off session ends.
	reason_code	VARCHAR (30)	YES	A code denoting the reason for the employee time-off session. For example, VACATION, PERSONAL, UNAVAILABLE, etc.
	void_flag	BIT	YES	If true, denotes that this operation has been voided.
	time_off_typcode	VARCHAR (30)	YES	A code denoting the type of employee time-off session. For example, FULL_DAY, HALF_DAY, PART_DAY, etc.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sch_emp_time_off Relationships

Parent Entity	Child Entity	Type
hrs_employee	sch_emp_time_off	Identifying
sch_emp_time_off	sch_emp_time_off_p	Identifying

sch_emp_time_off_p

Contains property code and value information for table SCH_EMP_TIME_OFF.

sch_emp_time_off_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	time_off_seq	BIGINT	NO	Sequence number within the table to keep the time-off record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table SCH_EMP_TIME_OFF (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sch_emp_time_off_p Relationships

Parent Entity	Child Entity	Type
sch_emp_time_off	sch_emp_time_off_p	Identifying

sch_schedule

Contains employee schedule information.

sch_schedule Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	schedule_seq	BIGINT	NO	Sequence number within the table to keep the employee schedule ordered and unique.
	work_code	VARCHAR (30)	YES	A code for a work classification group to which employees are assigned.
	start_time	DATETIME	YES	The schedule start time.
	end_time	DATETIME	YES	The schedule end time.
	void_flag	BIT	YES	If true, denotes that this operation has been voided.
	break_duration	BIGINT	YES	The length of a break within this schedule.
	schedule_duration	BIGINT	YES	Total length of time for this schedule.
	posted_date	DATETIME	YES	The date the schedule information was posted to the home office.
	posted_flag	BIT	YES	If true, schedule information was posted to the home office.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sch_schedule Relationships

Parent Entity	Child Entity	Type
hrs_employee	sch_schedule	Identifying
sch_schedule	sch_schedule_p	Identifying

sch_schedule_p

Contains property code and value information for table SCH_SCHEDULE.

sch_schedule_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	employee_id	VARCHAR (60)	NO	A unique, non-significant number used to identify a store employee.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	schedule_seq	BIGINT	NO	Sequence number within the table to keep the employee schedule ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table SCH_SCHEDULE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sch_schedule_p Relationships

Parent Entity	Child Entity	Type
sch_schedule	sch_schedule_p	Identifying

sch_shift

Defines the parameters and other information that identify a particular work shift that may be assigned to an employee.

sch_shift Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	shift_id	BIGINT	NO	A unique identifier for a shift.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123)
	name	VARCHAR (60)	YES	A brief text identifier for a shift.
	description	VARCHAR (254)	YES	A text description of some aspect of the work shift.
	work_code	VARCHAR (30)	YES	A code indicating the type of work the employee will perform.
	start_time	DATETIME	YES	The schedule start time.
	end_time	DATETIME	YES	The schedule end time.
	void_flag	BIT	YES	True/False indicator of whether or not the shift has been voided.
	break_duration	BIGINT	YES	Length of time allotted for the work break.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sch_shift Relationships

Parent Entity	Child Entity	Type
sch_shift	sch_shift_p	Identifying

sch_shift_p

Contains property code and value information for table SCH_SHIFT.

sch_shift_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	shift_id	BIGINT	NO	A unique identifier for a shift.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table SCH_SHIFT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sch_shift_p Relationships

Parent Entity	Child Entity	Type
sch_shift	sch_shift_p	Identifying

Domain: SEC

Security Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

sec_access_types

Contains information for defining specific access privileges for a given resource.

sec_access_types Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	secured_object_id	VARCHAR (30)	NO	String key for a secured object. For example, CUSTOMER_ATTRIBUTES, EMPLOYEE_DATA, CUSTOMER_CONTACT_INFO, etc.
X	access_typcode	VARCHAR (30)	NO	A code indicating the type of security access allowed. For example, CREATE, READ, UPDATE.
	group_membership	VARCHAR (MAX)	NO	Base 64 encoded group membership of the employee. Determines security permissions (default="AQ==").
	no_access_settings	VARCHAR (30)	NO	The access setting for the form field type (HIDDEN, OVERRIDABLE, NOT_OVERRIDABLE). The default="HIDDEN."
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sec_access_types Relationships

Parent Entity	Child Entity	Type
sec_access_types	sec_access_types_p	Identifying

sec_access_types_p

Contains property code and value information for table SEC_ACCESS_TYPES.

sec_access_types_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	secured_object_id	VARCHAR (30)	NO	String key for a secured object. For example, CUSTOMER_ATTRIBUTES, EMPLOYEE_DATA, CUSTOMER_CONTACT_INFO, etc.
X	access_typcode	VARCHAR (30)	NO	A code indicating the type of security access allowed. For example, CREATE, READ, UPDATE.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table SEC_ACCESS_TYPES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sec_access_types_p Relationships

Parent Entity	Child Entity	Type
sec_access_types	sec_access_types_p	Identifying

sec_acl

Contains access control list information for form fields.

sec_acl Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	secured_object_id	VARCHAR (30)	NO	String key for a secured object.
	authentication_req_flag	BIT	YES	If true, user authentication is required for this secured object.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sec_acl Relationships

Parent Entity	Child Entity	Type
sec_acl	sec_acl_p	Identifying

sec_acl_p

Contains property code and value information for table SEC_ACL.

sec_acl_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	secured_object_id	VARCHAR (30)	NO	String key for a secured object.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table SEC_ACL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sec_acl_p Relationships

Parent Entity	Child Entity	Type
sec_acl	sec_acl_p	Identifying

sec_activity_log

Logs data about Xstore security activity.

sec_activity_log Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
	rtl_loc_id	INTEGER	NO	The store number that logged the activity. From loc rtl_loc.rtl_loc_id
	wkstn_id	INTEGER	NO	The register that logged the activity.
	business_date	DATETIME	YES	The business date on which the activity was logged.
	trans_seq	BIGINT	YES	An identifier for transaction during which the activity was logged.
	activity_typcode	VARCHAR (30)	NO	The type of activity that occurred. Valid Values include AUTHENTICATE, AUTHORIZE, LOGIN, LOGOUT, OVERRIDE_AUTHENTICATE, OVERRIDE_AUTHORIZE, REAUTHENTICATE, and SECOND_PROMPT).
	success_flag	BIT	YES	If true, the activity resulted in success.
	employee_id	VARCHAR (60)	YES	The employee who initiated the activity.
	overriding_employee_id	VARCHAR (60)	YES	The employee who provided credentials for an override when the employee who initiated the activity did not have sufficient privilege.
	privilege_type	VARCHAR (255)	YES	The security privilege type that is associated with this activity.
	system_datetime	DATETIME	YES	The system date and time on which the activity occurred.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sec_groups

Contains information for specific security groups. The valid security roles for an organization (examples include MGR, ASST_MGR, CASHIER) for the purpose of securing POS functions. This does not necessarily map to a list of organizational titles, as multiple titles may play the same effective role as it pertains to application security.

sec_groups Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	group_id	VARCHAR (60)	NO	The identifier for a specific assemblage of people/objects regarded as a unit.
	description	VARCHAR (254)	YES	The text description for the group identifier.
	bitmap_position	INTEGER	NO	Position in group membership. Bitmap that represents the group.
	group_rank	INTEGER	YES	Defines a relative hierarchy position for a given security group/role.
	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sec_groups Relationships

Parent Entity	Child Entity	Type
sec_groups	sec_groups_p	Identifying

sec_groups_p

Contains property code and value information for table SEC_GROUPS.

sec_groups_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	group_id	VARCHAR (60)	NO	The identifier for a specific assemblage of people/objects regarded as a unit.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table SEC_GROUPS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sec_groups_p Relationships

Parent Entity	Child Entity	Type
sec_groups	sec_groups_p	Identifying

sec_password

This table is created for use at the store level in the Xstore database schema.

sec_password Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	password_id	INTEGER		always zero
	Password	VARCHAR(254)		the shared secret
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR(30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR(30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR(30)	YES	The record status.

sec_privilege

Defines the security level required for access to secured functions/data.

sec_privilege Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	privilege_type	VARCHAR (60)	NO	A code for the type of privilege governed by security. For example, CHANGE_PRICE, RELOAD_GIFT_CARD, VOID_ITEM, PAYROLL_MAINTENANCE, etc.
	authentication_req	BIT	YES	If true, indicates that authentication is required for this privilege type.
	description	VARCHAR (254)	YES	The text description for the security privilege type.
	overridable_flag	BIT	YES	If true, a privilege can be overridden.
	group_membership	VARCHAR (MAX)	NO	The code for the association between an employee and an employee security group (default="AQ==").
	second_prompt_settings	VARCHAR (30)	YES	Determines whether a second authorization prompt should appear. This can be set to one of the following values: NO_PROMPT - The second authorization prompt will not appear. ANY_EMP_OK - The second authorization prompt will appear. Any employee is OK. REQUIRE_GRP_MEMBERSHIP - The second authorization prompt will appear. The employee Id entered must be in a certain group (default="NO_PROMPT").
	second_prompt_req_diff_emp	BIT	NO	If true, then the same Employee Id cannot be used in both prompts.
	second_prompt_group_membership	VARCHAR (MAX)	YES	If the second_prompt_settings field is set to "REQUIRE_GRP_MEMBERSHIP", then this field determines the required group membership for the second Employee ID (default="AA==").
	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sec_privilege Relationships

Parent Entity	Child Entity	Type
sec_privilege	sec_privilege_p	Identifying

sec_privilege_p

Contains property code and value information for table SEC_PRIVILEGE.

sec_privilege_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	privilege_type	VARCHAR (60)	NO	A code for the type of privilege governed by security. For example, CHANGE_PRICE, RELOAD_GIFT_CARD, VOID_ITEM, PAYROLL_MAINTENANCE, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table SEC_PRIVILEGE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sec_privilege_p Relationships

Parent Entity	Child Entity	Type
sec_privilege	sec_privilege_p	Identifying

sec_user_password

A record of Xservices users and a history of their passwords.

sec_user_password Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	username	VARCHAR (50)	NO	The Xservices user name.
X	password_seq	BIGINT	NO	A number to enumerate the password history for the user; that being, the record having the greatest password_seq is the current one, and the least, the oldest. The system maintains the number, keeping it consecutive and ascending.
	password	VARCHAR (254)	NO	This stores the SHA-512 hash of the password.
	effective_date	DATETIME	NO	The effective date of the password.
	failed_attempts	INTEGER	NO	Keeps track of how many consecutive times a login was attempted and failed due to the password being incorrect.
	locked_out_timestamp	DATETIME	YES	The moment they got locked out from too many failed attempts. NULL here means they are not currently locked out.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sec_user_role

Describes the set of roles that each user may have.

sec_user_role Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	user_role_id	INTEGER	NO	A number that uniquely identifies a role for a given user. The system maintain this, keeping it consecutive and ascending.
	username	VARCHAR (50)	NO	A link to an existing user.
	role_code	VARCHAR (20)	NO	The code representing a role owned by the user represented in "username".
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

Domain: SLS

Sales Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

sls_sales_goal

Contains information related to sales goal definition.

sls_sales_goal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	sales_goal_id	VARCHAR (60)	NO	Unique Id for a sales goal.
	org_code	VARCHAR (30)	NO	The organization level code based on the customer's store structure. Ex: STORE, DISTRICT, REGION, CHAIN, etc. (to be defined by clients)
	org_value	VARCHAR (60)	NO	The value for the organization level code. Ex: for store 123, the level_code will be STORE and the level_value will be 123)
	sales_goal_value	DECIMAL (17,6)	NO	The monetary target for the sales goal.
	effective_date	DATETIME	NO	The date timestamp that the sales goal becomes effective.
	end_date	DATETIME	NO	The date timestamp that the sales goal concludes.
	description	VARCHAR (254)	YES	A description for the sales goal.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sls_sales_goal Relationships

Parent Entity	Child Entity	Type
sls_sales_goal	sls_sales_goal_p	Identifying

sls_sales_goal_p

Contains property code and value information for table SLS_SALES_GOAL.

sls_sales_goal_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	sales_goal_id	VARCHAR (60)	NO	Unique Id for a sales goal.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table SLS_SALES_GOAL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

sls_sales_goal_p Relationships

Parent Entity	Child Entity	Type
sls_sales_goal	sls_sales_goal_p	Identifying

Domain: TAX

Tax Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

tax_postal_code_mapping

A look-up table used to find the tax location for a postal code.

tax_postal_code_mapping Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	postal_code	VARCHAR (100)	NO	The postal code (zip code) component of an address.
X	city	VARCHAR (254)	NO	The city component of an address.
X	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_postal_code_mapping Relationships

Parent Entity	Child Entity	Type
tax_tax_loc	tax_postal_code_mapping	Identifying
tax_postal_code_mapping	tax_postal_code_mapping_p	Identifying

tax_postal_code_mapping_p

Contains property code and value information for table TAX_POSTAL_CODE_MAPPING.

tax_postal_code_mapping_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	postal_code	VARCHAR (100)	NO	The postal code (zip code) component of an address.
X	city	VARCHAR (254)	NO	The city component of an address.
X	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_POSTAL_CODE_MAPPING (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_postal_code_mapping_p Relationships

Parent Entity	Child Entity	Type
tax_postal_code_mapping	tax_postal_code_mapping_p	Identifying

tax rtl_loc_tax_mapping

Contains cross-references to retail locations with tax locations. Use this table to look up and find the tax location for a retail location.

tax_rtl_loc_tax_mapping Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	tax_loc_id	VARCHAR (60)	YES	Unique identifier of a tax location.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_rtl_loc_tax_mapping Relationships

Parent Entity	Child Entity	Type
loc_rtl_loc	tax_rtl_loc_tax_mapping	Identifying
tax_tax_loc	tax_rtl_loc_tax_mapping	Non-Identifying
tax_rtl_loc_tax_mapping	tax_rtl_loc_tax_mapping_p	Identifying

tax rtl loc tax mapping p

Contains property code and value information for table TAX_RTL_LOC_TAX_MAPPING.

tax_rtl_loc_tax_mapping_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_RTL_LOC_TAX_MAPPING (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_rtl_loc_tax_mapping_p Relationships

Parent Entity	Child Entity	Type
tax_rtl_loc_tax_mapping	tax_rtl_loc_tax_mapping_p	Identifying

tax_tax_authority

Contains information about a government authority that levies sales taxes and on whose behalf the store collects these sales taxes.

tax_tax_authority Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_authority_id	VARCHAR (60)	NO	A specific tax authority that establishes the tax rate. The tax authority is normally a government body. For example, National, State, Province, GST, County, City, etc.)
	name	VARCHAR (254)	YES	The name of the tax authority.
	rounding_code	VARCHAR (30)	YES	A code that indicates how tax is to be rounded when calculated. Valid Values include: HALF_UP - Round to the nearest neighbor unless equidistant, then round up. HALF_DOWN - Round to the nearest neighbor unless equidistant, then round down. HALF_EVEN - Round to the nearest neighbor unless equidistant, then round to even neighbor. Example; 2.5 rounds to 2 while 3.5 rounds to 4. Note: This rounding method results in the least number of rounding errors during repeat computations. CEILING - Round toward positive infinity. Note: This is the opposite of FLOOR and never decreases the calculated value. DOWN - Round to the previous digit; toward zero. FLOOR - Round down toward negative infinity. Note: This is the opposite of CEILING and never increases the calculated value. UP - Round to the next digit; away from zero. Note: For positive numbers, CEILING and UP result in the same outcome. For negative numbers, CEILING and DOWN result in the same outcome.
	rounding_digits_quantity	INTEGER	YES	The number of digits to which rounding is to be calculated.
	org_code	VARCHAR (30)	NO	The organization level code based on the defined customer's store structure (STORE, DISTRICT, REGION, CHAIN, etc.).
	org_value	VARCHAR (60)	NO	The value for the organization level code. For Example: for store 123, the level_code will be STORE and the level_value will be 123.
	external_system	VARCHAR (60)	YES	Records RPM change system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_authority Relationships

Parent Entity	Child Entity	Type
tax_tax_authority	tax_tax_authority_p	Identifying
tax_tax_authority	tax_tax_group_rule	Non-Identifying

tax_tax_authority_p

Contains property code and value information for table TAX_TAX_AUTHORITY.

tax_tax_authority_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_authority_id	VARCHAR (60)	NO	A specific tax authority that establishes the tax rate. The tax authority is normally a government body. For example, National, State, Province, GST, County, City, etc.)
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_TAX_AUTHORITY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_authority_p Relationships

Parent Entity	Child Entity	Type
tax_tax_authority	tax_tax_authority_p	Identifying

tax_tax_bracket

Contains tax bracket definitions.

tax_tax_bracket Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	taxBracket_id	VARCHAR (60)	NO	Tax bracket definition identifier.
X	taxBracket_seq_nbr	INTEGER	NO	Tax bracket sequence number.
	org_code	VARCHAR (30)	NO	The organization level code based on the defined customer's store structure (STORE, DISTRICT, REGION, CHAIN, etc.).
	org_value	VARCHAR (60)	NO	The value for the organization level code. For Example: for store 123, the level_code will be STORE and the level_value will be 123.
	tax_breakpoint	DECIMAL (17,6)	YES	Minimum taxable amount breakpoint for applying corresponding tax amount.
	tax_amount	DECIMAL (17,6)	YES	Tax amount to apply.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_bracket Relationships

Parent Entity	Child Entity	Type
tax_tax_bracket	tax_tax_bracket_p	Identifying

tax_tax_bracket_p

Contains property code and value information for table TAX_TAX_BRACKET.

tax_tax_bracket_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_bracket_id	VARCHAR (60)	NO	Tax bracket definition identifier.
X	tax_bracket_seq_nbr	INTEGER	NO	Tax bracket sequence number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_TAX_BRACKET (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_bracket_p Relationships

Parent Entity	Child Entity	Type
tax_tax_bracket	tax_tax_bracket_p	Identifying

tax_tax_code

This table contains the tax codes.

tax_tax_code Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_code_id	VARCHAR (30)	NO	Unique identification for the tax code.
	description	VARCHAR (128)	NO	Description of the tax code.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_code Relationships

Parent Entity	Child Entity	Type
tax_tax_code	tax_tax_code_p	Identifying
tax_tax_code	tax_tax_group	Non-Identifying

tax_tax_code_p

Contains property code and value information for table TAX_TAX_CODE.

tax_tax_code_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_code_id	VARCHAR (30)	NO	Unique identification for the tax code.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_TAX_CODE(key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_code_p Relationships

Parent Entity	Child Entity	Type
tax_tax_code	tax_tax_code_p	Identifying

tax_tax_exemption

Contains information about a line item modifier to the Tax Line Item component of a Retail Transaction that provides supplementary data regarding tax exemptions.

tax_tax_exemption Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_exemption_id	VARCHAR (60)	NO	An identifier for the tax exemption.
	party_id	BIGINT	YES	A unique, automatically assigned identity for a party.
	cert_nbr	VARCHAR (30)	YES	The certificate number assigned to a purchaser by a tax authority exempting the purchaser from tax in that authority.
	reascode	VARCHAR (30)	YES	A retailer assigned code denoting why this tax exemption was granted.
	cert_holder_name	VARCHAR (254)	YES	The name of the individual or organization who holds the tax exemption certificate.
	cert_country	VARCHAR (2)	YES	The country where the tax exempt certificate was issued.
	expiration_date	DATETIME	YES	The date the tax exempt certificate expires.
	cert_state	VARCHAR (30)	YES	The state where the tax exempt certificate was issued.
	notes	VARCHAR (254)	YES	Text entered by the user.
	address_id	VARCHAR (60)	YES	The address identifier for the tax exemption certificate holder.
	phone_number	VARCHAR (32)	YES	The phone number for the certificate holder.
	region	VARCHAR (30)	YES	The store location area. Used for regionalizing information.
	diplomatic_title	VARCHAR (60)	YES	The diplomatic title for the certificate holder.
	cert_holder_first_name	VARCHAR (60)	YES	The first name of the individual who holds the tax exemption certificate.
	cert_holder_last_name	VARCHAR (60)	YES	The last (surname) name of the individual who holds the tax exemption certificate.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_exemption Relationships

Parent Entity	Child Entity	Type
crm_party	tax_tax_exemption	Non-Identifying
tax_tax_exemption	tax_tax_exemption_p	Identifying

tax_tax_exemption_p

Contains property code and value information for table TAX_TAX_EXEMPTION.

tax_tax_exemption_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_exemption_id	VARCHAR (60)	NO	An identifier for the tax exemption.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_TAX_EXEMPTION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_exemption_p Relationships

Parent Entity	Child Entity	Type
tax_tax_exemption	tax_tax_exemption_p	Identifying

tax_tax_group

Contains information about a group of items for which a tax authority defines tax group rules.

tax_tax_group Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_group_id	VARCHAR (60)	NO	A unique retailer assigned identifier for the tax group. Assigned to items to denote their taxability status.
	name	VARCHAR (254)	YES	The name of the tax group.
	description	VARCHAR (254)	YES	A description of the taxes represented in the group.
	org_code	VARCHAR (30)	NO	The organization level code based on the defined customer's store structure (STORE, DISTRICT, REGION, CHAIN, etc.).
	org_value	VARCHAR (60)	NO	The value for the organization level code. For Example: for store 123, the level_code will be STORE and the level_value will be 123.
	tax_code_id	VARCHAR (30)	YES	Unique identification for the tax code.
	external_system	VARCHAR (60)	YES	Records RPM change system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_group Relationships

Parent Entity	Child Entity	Type
tax_tax_code	tax_tax_group	Non-Identifying
tax_tax_group	tax_tax_group_mapping	Identifying

Parent Entity	Child Entity	Type
tax_tax_group	tax_tax_group_p	Identifying
tax_tax_group	tax_tax_group_rule	Identifying
tax_tax_group	trl_tax_lineitm	Non-Identifying

[tax_tax_group_mapping](#)

Contains information for item tax overrides based on a specific customer group or store location. The item tax group Id can be overridden by the new tax group Id based on the information in this table. This allows overrides by store to preserve the ability to have the same item file be distributed to all stores with the possibility of different tax group mappings for easier compliance of certain state sales tax rules, or override of an assigned item tax group based on membership of a customer group.

tax_tax_group_mapping Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	tax_group_id	VARCHAR (60)	NO	A unique retailer assigned identifier for the tax group.
X	customer_group_id	VARCHAR (60)	NO	A unique identification number assigned to a customer group. If customer_group_id is populated with the value of "ALL", then the tax group mapping will apply to every customer group for the given organization/retail location. If customer_group_id is populated with a customer group identifier, only the customer group will get the tax override.
	priority	INTEGER	YES	The priority level of the tax group, used to determine the tax to be applied when a customer belongs to more than one customer group.
	new_tax_group_id	VARCHAR (60)	YES	Overrides the item tax group id (itm_item table) based on the customer group id.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

`tax_tax_group_mapping` Relationships

Parent Entity	Child Entity	Type
<code>loc rtl loc</code>	<code>tax_tax_group_mapping</code>	Identifying
<code>tax_tax_group</code>	<code>tax_tax_group_mapping</code>	Identifying
<code>tax_tax_group_mapping</code>	<code>tax_tax_group_mapping_p</code>	Identifying

tax_tax_group_mapping_p

Contains property code and value information for table TAX_TAX_GROUP_MAPPING.

tax_tax_group_mapping_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	tax_group_id	VARCHAR (60)	NO	A unique retailer assigned identifier for the tax group.
X	customer_group_id	VARCHAR (60)	NO	A unique identification number assigned to a customer group. If customer_group_id is populated with the value of "ALL", then the tax group mapping will apply to every customer group for the given organization/retail location. If customer_group_id is populated with a customer group identifier, only the customer group will get the tax override.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_TAX_GROUP_MAPPING (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_group_mapping_p Relationships

Parent Entity	Child Entity	Type
tax_tax_group_mapping	tax_tax_group_mapping_p	Identifying

[tax_tax_group_p](#)

Contains property code and value information for table TAX_TAX_GROUP.

tax_tax_group_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_group_id	VARCHAR (60)	NO	A unique retailer assigned identifier for the tax group. Assigned to items to denote their taxability status.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_TAX_GROUP (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_group_p Relationships

Parent Entity	Child Entity	Type
tax_tax_group	tax_tax_group_p	Identifying

tax_tax_group_rule

A tax group rule ties taxes to a particular tax authority, as well as defines the level of the tax (item or transaction) and whether or not this tax is compounded (added on top of other taxes).

tax_tax_group_rule Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_group_id	VARCHAR (60)	NO	A unique retailer assigned identifier for the tax group.
X	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
X	tax_rule_seq_nbr	INTEGER	NO	A sequential number for the tax rule, denoting the order of creation of the rules.
	tax_authority_id	VARCHAR (60)	YES	A specific tax authority that establishes the tax rate. The tax authority is normally a government body. For example, National, State, Province, City, etc.)
	name	VARCHAR (254)	YES	The name of the Tax Group Rule.
	description	VARCHAR (254)	YES	A longer description of how and when the Tax Group Rule is applied. Required for customers with multiple taxes (GST, PST) to ensure the tax descriptions are displayed on the sale screen.
	compound_seq_nbr	INTEGER	YES	A sequential number that indicates the order in which multiple applicable Tax Group Rules should be applied. Example: City, County & State Tax Group Rules are not compounding - All three rules will contain zero (or NULL) for this value. Example: PST & GST Tax Group Rules are to be applied in a compounding fashion with PST applied first - The rule for PST will contain 1 for this value, the rule for GST will contain 2 for this value.
	compound_flag	BIT	YES	If true, multiple tax rules apply.
	taxed_at_trans_level_flag	BIT	YES	If true, this group applies taxes at the transaction level.
	tax_typcode	VARCHAR (30)	YES	Code denoting the type of tax this rule applies to. Valid values include SALES - Sales Tax VAT - Value Added Tax (this value is used for tax-inclusive pricing where the item price includes the tax). PST - Provincial Sales Tax GST - Goods and Services Tax (this value can be used to indicate the tax cannot be exempted).
	org_code	VARCHAR (30)	NO	The organization level code based on the defined customer's store structure (STORE, DISTRICT, REGION, CHAIN, etc.).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	org_value	VARCHAR (60)	NO	The value for the organization level code. For Example: for store 123, the level_code will be STORE and the level_value will be 123.
	external_system	VARCHAR (60)	YES	Records RPM change system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_group_rule Relationships

Parent Entity	Child Entity	Type
tax_tax_group	tax_tax_group_rule	Identifying
tax_tax_loc	tax_tax_group_rule	Identifying
tax_tax_authority	tax_tax_group_rule	Non-Identifying
tax_tax_group_rule	tax_tax_group_rule_p	Identifying
tax_tax_group_rule	tax_tax_rate_rule	Identifying

tax_tax_group_rule_p

Contains property code and value information for table TAX_TAX_GROUP_RULE.

tax_tax_group_rule_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_group_id	VARCHAR (60)	NO	A unique retailer assigned identifier for the tax group.
X	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
X	tax_rule_seq_nbr	INTEGER	NO	A sequential number for the tax rule, denoting the order of creation of the rules.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_TAX_GROUP_RULE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_group_rule_p Relationships

Parent Entity	Child Entity	Type
tax_tax_group_rule	tax_tax_group_rule_p	Identifying

tax_tax_loc

Contains information about each geographical area over which one or more tax authorities have jurisdiction (the physical location at which items are taxed). Multiple stores can be assigned to a single tax location, simplifying the taxing structure.

tax_tax_loc Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
	name	VARCHAR (254)	YES	The name of the tax location.
	description	VARCHAR (254)	YES	The text description of the tax location.
	org_code	VARCHAR (30)	NO	The organization level code based on the defined customer's store structure (STORE, DISTRICT, REGION, CHAIN, etc.).
	org_value	VARCHAR (60)	NO	The value for the organization level code. For Example: for store 123, the level_code will be STORE and the level_value will be 123.
	external_system	VARCHAR (60)	YES	Records RPM change system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_loc Relationships

Parent Entity	Child Entity	Type
tax_tax_loc	tax_postal_code_mapping	Identifying
tax_tax_loc	tax_tax_group_rule	Identifying
tax_tax_loc	tax_tax_loc_p	Identifying
tax_tax_loc	tax rtl_loc_tax_mapping	Non-Identifying
tax_tax_loc	trl_tax_lineitm	Non-Identifying

tax_tax_loc_p

Contains property code and value information for table TAX_TAX_LOC.

tax_tax_loc_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_TAX_LOC (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_loc_p Relationships

Parent Entity	Child Entity	Type
tax_tax_loc	tax_tax_loc_p	Identifying

tax_tax_rate_rule

Contains rule information denoting what percentage or dollar amount of tax is applied to a particular taxable total in a retail transaction. The rate rule defines parameters like amount range, effectivity range, percentage, and amount. The rate rule supports applying tax in fixed amounts or percentages.

tax_tax_rate_rule Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_group_id	VARCHAR (60)	NO	A unique retailer assigned identifier for the tax group.
X	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
X	tax_rule_seq_nbr	INTEGER	NO	A sequential number for the tax rule, denoting the order of creation of the rules.
X	tax_rate_rule_seq	INTEGER	NO	A sequential number for the tax rate rule, denoting the order of creation of the rules.
	tax_bracket_id	VARCHAR (60)	YES	Tax bracket definition identifier.
	tax_rate_min_taxable_amt	NUMERIC (17,6)	YES	The minimum taxable amount that this tax rate rule applies to.
	effective_datetime	DATETIME	YES	The date on which a specific tax rate became operative.
	expr_datetime	DATETIME	YES	The date after which a specific tax rate cannot be applied.
	percentage	NUMERIC (8,6)	YES	The tax rate rule percentage.
	amt	NUMERIC (17,6)	YES	Amount of tax to charge. A value must be specified for either Amount or Percent.
	daily_start_time	DATETIME	YES	Time each day when the tax becomes effective.
	daily_end_time	DATETIME	YES	Time each day when the tax expires.
	tax_rate_max_taxable_amt	NUMERIC (17,6)	YES	The maximum taxable amount that this tax rate rule applies to.
	breakpoint_typcode	VARCHAR (30)	YES	Type of breakpoint to use when calculating the tax. Valid values include PART - Only tax part of the dollar amount. Used with minimum and maximum taxable amounts. FULL - The entire dollar amount is taxed.
	org_code	VARCHAR (30)	NO	The organization level code based on the defined customer's store structure (STORE, DISTRICT, REGION, CHAIN, etc.).
	org_value	VARCHAR (60)	NO	The value for the organization level code. For Example: for store 123, the level_code will be STORE and the level_value will be 123.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	external_system	VARCHAR (60)	YES	Records RPM change system.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_rate_rule Relationships

Parent Entity	Child Entity	Type
tax_tax_group_rule	tax_tax_rate_rule	Identifying
tax_tax_rate_rule	tax_tax_rate_rule_override	Identifying
tax_tax_rate_rule	tax_tax_rate_rule_p	Identifying

tax_tax_rate_rule_override

Contains information that provides supplementary data regarding tax overrides. Where the amount of tax collected is reduced rather than exempted. Provides a temporary override of a tax rate rule.

tax_tax_rate_rule_override Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_group_id	VARCHAR (60)	NO	A unique retailer assigned identifier for the tax group.
X	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
X	tax_rule_seq_nbr	INTEGER	NO	A sequential number for the tax rule, denoting the order of creation of the rules.
X	tax_rate_rule_seq	INTEGER	NO	A sequential number for the tax rate rule, denoting the order of creation of the rules.
X	expr_datetime	DATETIME	NO	The date after which a specific tax rate override cannot be used.
	effective_datetime	DATETIME	YES	The date on which a specific tax rate override became operative.
	tax_bracket_id	VARCHAR (60)	YES	Tax bracket definition identifier.
	percentage	NUMERIC (8,6)	YES	The tax rate percentage that is being overridden.
	amt	NUMERIC (17,6)	YES	The original amount of tax that does not have to be collected.
	daily_start_time	DATETIME	YES	Time each day when the tax becomes effective.
	daily_end_time	DATETIME	YES	Time each day when the tax expires.
	tax_rate_min_taxable_amt	NUMERIC (17,6)	YES	The minimum taxable amount that this tax rate rule applies to.
	tax_rate_max_taxable_amt	NUMERIC (17,6)	YES	The maximum taxable amount that this tax rate rule applies to.
	breakpoint_typcode	VARCHAR (30)	YES	Type of breakpoint to use when calculating the tax (for example, ITEM).
	org_code	VARCHAR (30)	NO	The organization level code based on the defined customer's store structure (STORE, DISTRICT, REGION, CHAIN, etc.).
	org_value	VARCHAR (60)	NO	The value for the organization level code. For Example: for store 123, the level_code will be STORE and the level_value will be 123.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_rate_rule_override Relationships

Parent Entity	Child Entity	Type
tax_tax_rate_rule	tax_tax_rate_rule_override	Identifying
tax_tax_rate_rule_override	tax_tax_rate_rule_override_p	Identifying

tax_tax_rate_rule_override_p

Contains property code and value information for table TAX_TAX_RATE_RULE_OVERRIDE.

tax_tax_rate_rule_override_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_group_id	VARCHAR (60)	NO	A unique retailer assigned identifier for the tax group.
X	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
X	tax_rule_seq_nbr	INTEGER	NO	A sequential number for the tax rule, denoting the order of creation of the rules.
X	tax_rate_rule_seq	INTEGER	NO	A sequential number for the tax rate rule, denoting the order of creation of the rules.
X	expr_datetime	DATETIME	NO	The date after which a specific tax rate override cannot be used.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_TAX_RATE_RULE_OVERRIDE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_rate_rule_override_p Relationships

Parent Entity	Child Entity	Type
tax_tax_rate_rule_override	tax_tax_rate_rule_override_p	Identifying

tax_tax_rate_rule_p

Contains property code and value information for table TAX_TAX_RATE_RULE.

tax_tax_rate_rule_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tax_group_id	VARCHAR (60)	NO	A unique retailer assigned identifier for the tax group.
X	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
X	tax_rule_seq_nbr	INTEGER	NO	A sequential number for the tax rule, denoting the order of creation of the rules.
X	tax_rate_rule_seq	INTEGER	NO	A sequential number for the tax rate rule, denoting the order of creation of the rules.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TAX_TAX_RATE_RULE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tax_tax_rate_rule_p Relationships

Parent Entity	Child Entity	Type
tax_tax_rate_rule	tax_tax_rate_rule_p	Identifying

Domain: THR

Timeclock Transaction Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

thr_payroll

Contains information about hours by payroll category for each employee for each business day.

thr_payroll Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	payroll_category	VARCHAR (30)	NO	The payroll category code (OTHER, REGULAR, PERSONAL, SICK, etc.).
X	business_date	DATETIME	NO	The calendar date of the business day.
	hours_count	NUMERIC (11,4)	YES	The number of hours for the payroll period.
	posted_flag	BIT	YES	If true, payroll was posted to the home office.
	posted_date	DATETIME	YES	The date the payroll was posted to the home office.
	payroll_status	VARCHAR (30)	YES	The payroll status (for example, REVIEWED, PRE_POST, etc.).
	reviewed_date	DATETIME	YES	The date the payroll record was reviewed.
	pay_code	VARCHAR (30)	YES	A customer-specific pay code related to a pay category.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

thr_payroll Relationships

Parent Entity	Child Entity	Type
crm_party	thr_payroll	Identifying
loc rtl loc	thr_payroll	Identifying
thr_payroll_category	thr_payroll	Identifying
thr_payroll	thr_payroll_p	Identifying

thr_payroll_category

Contains information about the user-defined categories available under which time can be recorded. Payroll categories can be used to group working and non-working hours together within Payroll Maintenance. Non-working categories can be customized to match organization time-off and payroll reporting requirements (i.e., Jury Duty, Vacation, PTO).

thr_payroll_category Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	payroll_category	VARCHAR (30)	NO	The payroll category code. BEREAVEMENT, DT, FUNERAL, HOLIDAY, JURY, OT, OTHER, PERSONAL, REGULAR, SICK, VACATION
	description	VARCHAR (254)	YES	The text description for the payroll category.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	include_in_overtime_flag	BIT	YES	If true, this category is included in overtime calculation.
	working_category_flag	BIT	YES	If true, this category is included in working hours calculations. Regular, OT and DT hours must be set to true. If set to false, hours can be edited.
	pay_code	VARCHAR (30)	YES	A customer-specific pay code related to a pay category.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_payroll_category Relationships

Parent Entity	Child Entity	Type
thr_payroll_category	thr_payroll	Identifying
thr_payroll_category	thr_payroll_category_p	Identifying

thr_payroll_category_p

Contains property code and value information for table THR_PAYROLL_CATEGORY.

thr_payroll_category_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	payroll_category	VARCHAR (30)	NO	The payroll category code. BEREAVEMENT, DT, FUNERAL, HOLIDAY, JURY, OT, OTHER, PERSONAL, REGULAR, SICK, VACATION
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table THR_PAYROLL_CATEGORY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_payroll_category_p Relationships

Parent Entity	Child Entity	Type
thr_payroll_category	thr_payroll_category_p	Identifying

thr_payroll_header

Contains payroll review data.

thr_payroll_header Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	week_ending_date	DATETIME	NO	The last date for the payroll week.
	reviewed_date	DATETIME	YES	The date the record was reviewed.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_payroll_header Relationships

Parent Entity	Child Entity	Type
crm_party	thr_payroll_header	Identifying
loc rtl_loc	thr_payroll_header	Identifying
thr_payroll_header	thr_payroll_header_p	Identifying

thr_payroll_header_p

Contains property code and value information for table THR_PAYROLL_HEADER.

thr_payroll_header_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	week_ending_date	DATETIME	NO	The last date for the payroll week.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table THR_PAYROLL_HEADER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_payroll_header_p Relationships

Parent Entity	Child Entity	Type
thr_payroll_header	thr_payroll_header_p	Identifying

thr_payroll_notes

Contains notes/comments pertaining to payroll activities.

thr_payroll_notes Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	week_ending_date	DATETIME	NO	The last date for the payroll week.
X	note_seq	BIGINT	NO	The sequence number of the note.
	note_text	VARCHAR (MAX)	YES	The text of the note.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_payroll_notes Relationships

Parent Entity	Child Entity	Type
crm_party	thr_payroll_notes	Identifying
thr_payroll_notes	thr_payroll_notes_p	Identifying

thr_payroll_notes_p

Contains property code and value information for table THR_PAYROLL_NOTES.

thr_payroll_notes_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	week_ending_date	DATETIME	NO	The last date for the payroll week.
X	note_seq	BIGINT	NO	The sequence number of the note.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table THR_PAYROLL_NOTES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_payroll_notes_p Relationships

Parent Entity	Child Entity	Type
thr_payroll_notes	thr_payroll_notes_p	Identifying

thr_payroll_p

Contains property code and value information for table THR_PAYROLL.

thr_payroll_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	payroll_category	VARCHAR (30)	NO	The payroll category code (OTHER, REGULAR, PERSONAL, SICK, etc.).
X	business_date	DATETIME	NO	The calendar date of the business day.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table THR_PAYROLL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_payroll_p Relationships

Parent Entity	Child Entity	Type
thr_payroll	thr_payroll_p	Identifying

thr_timecard_entry

Contains timecard entry records.

thr_timecard_entry Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	The calendar date of the business day.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	timecard_entry_id	INTEGER	NO	A unique identifier for the timecard entry.
	clock_in_timestamp	DATETIME	YES	The date and time the employee clocked in to the system.
	clock_out_timestamp	DATETIME	YES	The date and time the employee clocked out of the system.
	work_code	VARCHAR (30)	YES	A code for a work classification group to which employees are assigned. Possible values are configured in hrs_work_codes.
	open_record_flag	BIT	YES	If true, indicates this entry is a mismatched timecard record.
	entry_type_enum	VARCHAR (30)	YES	A code denoting the method used for the timecard data entry. Values: ORIGINAL - the entry was created using "clock in/out" function, TIMECARD - the entry was modified in timecard maintenance, AUTO - the record was created using the midnight auto-reclock functionality)
	delete_flag	BIT	YES	If true, marks the record for deletion.
	duration	BIGINT	YES	The extent of time for this timecard entry.
	payroll_update_required	BIT	YES	If true, the payroll record must be updated.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_timecard_entry Relationships

Parent Entity	Child Entity	Type
crm_party	thr_timecard_entry	Identifying
loc_wkstn	thr_timecard_entry	Identifying
thr_timecard_entry	thr_timecard_entry_p	Identifying
thr_timecard_entry	thr_timecard_journal	Identifying
thr_timecard_entry	thr_timecard_entry_comment	Non-Identifying
thr_timecard_entry	thr_timeclk_trans	Non-Identifying

thr_timecard_entry_comment

Contains comments/notes pertaining to timecard entry activities.

thr_timecard_entry_comment Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	week_ending_date	DATETIME	NO	The last date for the payroll week, associated with the timecard entry.
X	comment_seq	BIGINT	NO	A sequential counter used to uniquely identify a comment within a timecard entry instance.
	comment_text	VARCHAR (MAX)	YES	The text of the comment.
	comment_timestamp	DATETIME	YES	The date and time the comment was entered.
	creator_id	VARCHAR (254)	YES	The party identifier for the party that created the comment.
	business_date	DATETIME	YES	The calendar date of the business day.
	timecard_entry_id	INTEGER	YES	A unique identifier for the timecard entry.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_timecard_entry_comment Relationships

Parent Entity	Child Entity	Type
crm_party	thr_timecard_entry_comment	Non-Identifying
thr_timecard_entry	thr_timecard_entry_comment	Non-Identifying
thr_timecard_entry_comment	thr_timecard_entry_comment_p	Identifying

[thr_timecard_entry_comment_p](#)

Contains property code and value information for table THR_TIMECARD_ENTRY_COMMENT.

thr_timecard_entry_comment_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	week_ending_date	DATETIME	NO	The last date for the payroll week, associated with the timecard entry.
X	comment_seq	BIGINT	NO	A sequential counter used to uniquely identify a comment within a timecard entry instance.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table THR_TIMECARD_ENTRY_COMMENT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_timecard_entry_comment_p Relationships

Parent Entity	Child Entity	Type
thr_timecard_entry_comment	thr_timecard_entry_comment_p	Identifying

thr_timecard_entry_p

Contains property code and value information for table THR_TIMECARD_ENTRY.

thr_timecard_entry_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	The calendar date of the business day.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	timecard_entry_id	INTEGER	NO	A unique identifier for the timecard entry.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table THR_TIMECARD_ENTRY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_timecard_entry_p Relationships

Parent Entity	Child Entity	Type
thr_timecard_entry	thr_timecard_entry_p	Identifying

thr_timecard_journal

Contains a history of the timecard entries.

thr_timecard_journal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	The calendar date of the business day.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	timecard_entry_id	INTEGER	NO	A unique identifier for the timecard entry.
X	timecard_entry_seq	BIGINT	NO	A sequential counter used to uniquely identify the order of the timecard entries.
	clock_in_timestamp	DATETIME	YES	The date and time the employee clocked in to the system.
	clock_out_timestamp	DATETIME	YES	The date and time the employee clocked out of the system.
	work_code	VARCHAR (30)	YES	A code for a work classification group to which employees are assigned.
	entry_type_enum	VARCHAR (30)	YES	A code denoting the method used for the timecard data entry (ORIGINAL, TIMECARD, or AUTO).
	delete_flag	BIT	YES	If true, marks the record for deletion.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_timecard_journal Relationships

Parent Entity	Child Entity	Type
thr_timecard_entry	thr_timecard_journal	Identifying
thr_timecard_journal	thr_timecard_journal_p	Identifying

thr_timecard_journal_p

Contains property code and value information for table THR_TIMECARD_JOURNAL.

thr_timecard_journal_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	The calendar date of the business day.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	party_id	BIGINT	NO	A unique, automatically assigned identity for a party.
X	timecard_entry_id	INTEGER	NO	A unique identifier for the timecard entry.
X	timecard_entry_seq	BIGINT	NO	A sequential counter used to uniquely identify the order of the timecard entries.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table THR_TIMECARD_JOURNAL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_timecard_journal_p Relationships

Parent Entity	Child Entity	Type
thr_timecard_journal	thr_timecard_journal_p	Identifying

thr_timeclk_trans

Contains information created when a clock in or clock out transaction occurs.

thr_timeclk_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	timecard_entry_wkstn_id	BIGINT	YES	A unique identifier for the work station where the timecard entry was created.
	work_code	VARCHAR (30)	YES	A code for a work classification group to which employees are assigned.
	timeclk_entry_code	VARCHAR (30)	YES	A code denoting the type of activity that occurred. For example, clock in, clock out.
	party_id	BIGINT	YES	A unique, automatically assigned identity for a party.
	timecard_entry_id	INTEGER	YES	A unique identifier for the timecard entry.
	timecard_entry_seq	BIGINT	YES	A sequential counter used to uniquely identify the order of the timecard entries.
	timecard_entry_business_date	DATETIME	YES	The business date the timecard record was entered.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

thr_timeclk_trans Relationships

Parent Entity	Child Entity	Type
trn_trans	thr_timeclk_trans	Identifying
crm_party	thr_timeclk_trans	Non-Identifying
thr_timecard_entry	thr_timeclk_trans	Non-Identifying

Domain: TND

Tender Definition Classes Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

tnd_exchange_rate

Contains information about the quantitative conversion factor between two kinds of currency. This table allows hierarchical location support for configuring tender exchange rates, providing the ability to configure a single chain-wide rate as opposed to strictly store-based exchange rate configuration.

tnd_exchange_rate Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	base_currency	VARCHAR (3)	NO	The code for the store's local/home currency.
X	target_currency	VARCHAR (3)	NO	The code for the non-local currency used in the exchange of tenders.
X	level_code	VARCHAR (30)	NO	Identifies the organization level within the organizational hierarchy tree. For example; STORE, REGION, DISTRICT. This field is used in conjunction with level_value.
X	level_value	VARCHAR (60)	NO	Identifies the value for the organization level. This field is used in conjunction with level_code.
	rate	NUMERIC (17,6)	YES	The exchange rate to use for the conversion. This is the amount of target currency given for 1 unit of base currency.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_exchange_rate Relationships

Parent Entity	Child Entity	Type
loc_org_hierarchy	tnd_exchange_rate	Identifying
loc_pricing_hierarchy	tnd_exchange_rate	Identifying
tnd_exchange_rate	tnd_exchange_rate_p	Identifying

tnd_exchange_rate_p

Contains property code and value information for table TND_EXCHANGE_RATE.

tnd_exchange_rate_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	base_currency	VARCHAR (3)	NO	The code for the store's local/home currency.
X	target_currency	VARCHAR (3)	NO	The code for the non-local currency used in the exchange of tenders.
X	level_code	VARCHAR (30)	NO	Identifies the organization level within the organizational hierarchy tree. For example; STORE, REGION, DISTRICT. This field is used in conjunction with level_value.
X	level_value	VARCHAR (60)	NO	Identifies the value for the organization level. This field is used in conjunction with level_code.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TND_EXCHANGE_RATE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_exchange_rate_p Relationships

Parent Entity	Child Entity	Type
tnd_exchange_rate	tnd_exchange_rate_p	Identifying

tnd_tndr

Contains information about all the forms of payment that are accepted by the retail store for settling sales and other transactions.

tnd_tndr Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
	tndr_typcode	VARCHAR (30)	YES	A code denoting a group of tenders with common characteristics. For example: CREDIT_CARD, CHECK, VOUCHER, etc.
	currency_id	VARCHAR (3)	NO	The three-letter ISO currency code. For example, USD, EUR, etc. A list of currency codes can be found at: http://www.oanda.com/site/help/iso_bc.shtml
	description	VARCHAR (254)	YES	A text description of the tender type.
	display_order	INTEGER	YES	Indicates the order in which the tender types are displayed in the tender list.
	flash_sales_display_order	INTEGER	YES	This integer value represents the order which the tender appear in the report.
	disabled_flag	BIT	YES	Determines if tender is disabled.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr Relationships

Parent Entity	Child Entity	Type
tnd_tndr_typcode	tnd_tndr	Non-Identifying
tnd_tndr	tnd_tndr_availability	Identifying
tnd_tndr	tnd_tndr_denomination	Identifying
tnd_tndr	tnd_tndr_options	Identifying
tnd_tndr	tnd_tndr_p	Identifying
tnd_tndr	tnd_tndr_user_settings	Identifying
tnd_tndr	dsc_coupon_xref	Non-Identifying

tnd_tndr_availability

Contains information about the availability of a tender type.

tnd_tndr_availability Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	availability_code	VARCHAR (30)	NO	A code to signify the availability of the tender. Valid Values include, but are not limited to: CHANGE, EXCHANGE, RETURN_WITHOUT_RECEIPT, RETURN_WITH_RECEIPT, SALE, VOID, and PRESALE.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_availability Relationships

Parent Entity	Child Entity	Type
tnd_tndr	tnd_tndr_availability	Identifying
tnd_tndr_availability	tnd_tndr_availability_p	Identifying

tnd_tndr_availability_p

Contains property code and value information for table TND_TNDR_AVAILABILITY.

tnd_tndr_availability_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	availability_code	VARCHAR (30)	NO	A code to signify the availability of the tender. Valid Values include, but are not limited to: CHANGE, EXCHANGE, RETURN_WITHOUT_RECEIPT, RETURN_WITH_RECEIPT, SALE, VOID, and PRESALE.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TND_TNDR_AVAILABILITY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_availability_p Relationships

Parent Entity	Child Entity	Type
tnd_tndr_availability	tnd_tndr_availability_p	Identifying

tnd_tndr_denomination

Specifies the quantitative value of the referenced currency media.

tnd_tndr_denomination Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	denomination_id	VARCHAR (60)	NO	An identifier which uniquely identifies the quantitative value of a specific currency. Examples include DOLLAR, 100_EURO, DIME, etc.
	description	VARCHAR (254)	YES	A text description of the denomination type. Examples include Dime, Fifty dollar, etc.
	value	NUMERIC (17,6)	YES	The numerical quantity that is assigned to the denomination. For example: Dime=0.100000, Dollar=1.000000, 20 Dollar=20.000000, etc.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_denomination Relationships

Parent Entity	Child Entity	Type
tnd_tndr	tnd_tndr_denomination	Identifying
tnd_tndr_denomination	tnd_tndr_denomination_p	Identifying

tnd_tndr_denomination_p

Contains property code and value information for table TND_TNDR_DENOMINATION.

tnd_tndr_denomination_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	denomination_id	VARCHAR (60)	NO	An identifier which uniquely identifies the quantitative value of a specific currency. Examples include DOLLAR, 100_EURO, DIME, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TND_TNDR_DENOMINATION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_denomination_p Relationships

Parent Entity	Child Entity	Type
tnd_tndr_denomination	tnd_tndr_denomination_p	Identifying

tnd_tndr_options

Contains information about all the forms of payment that are accepted by the retail store for settling sales and other transactions.

tnd_tndr_options Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	config_element	VARCHAR (200)	NO	Profile Group ID & Profile Element ID definition.
	auth_mthd_code	VARCHAR (30)	YES	A code that signifies the authorization method. For example, checks may be authorized by either a third party or by validation against the customer's driving license. If non-null and the auth_req_flag is true, then an authorization is performed using the settings in AuthConfig.xml for the auth_mthd_code.
	serial_id_nbr_req_flag	BIT	YES	If true, the serial number of the tender type must be captured as part of the tender process. Examples include gift certificates, checks, etc.
	auth_req_flag	BIT	YES	If true, authorization is required before a specific tender can be accepted.
	auth_expr_date_req_flag	BIT	YES	If true, this type of tender requires an authorization expiration date and it must be recorded at the time of settlement. Used to enable expiration date prompting for a major credit tender.
	pin_req_flag	BIT	YES	If true, the customer must enter a personal identification number (PIN) to validate the method of payment. PINs are normally required for debit card payments.
	cust_sig_req_flag	BIT	YES	If true, the customer must sign the tender (check) or resultant voucher in the presence of the employee. Used to enable capturing a signature for a credit card (if signature capture device is available) or print a signature line on the store copy of the receipt (Note: receipt configuration could override this.)
	endorsement_req_flag	BIT	YES	If true, an endorsement, normally the customer's signature, is required before a specific tender type can be accepted. Used to enable franking a check or voucher (gift certificate, store credit, etc.).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	open_cash_drawer_req_flag	BIT	YES	If true, the cash drawer opens when a specific tender type is offered by the customer. For example, cash.
	unit_count_req_code	VARCHAR (30)	YES	A code that signifies the type of unit count that must be counted and recorded by the employee prior to a pickup. For example, TOTAL_NORMAL, DENOMINATION, TOTAL_SHORT.
	magSwipeReaderReqFlag	BIT	YES	If true, the tender type must be inserted into the magnetic card reader. Often used with debit cards to disallow manual entry of the card number.
	dflt_to_amt_due_flag	BIT	YES	If true, the amount due from the customer is shown as a default value in the focus bar at tendering.
	min_denomination_amt	NUMERIC (17,6)	YES	The minimum denomination amount accepted for this tender, ignoring NUMERIC places. For example, to set a minimum denomination amount of one US nickel, use 5. To set a minimum denomination amount of one US dollar, use 100.
	reporting_group	VARCHAR (30)	YES	A code denoting a group of tenders with common characteristics that belong to a reporting group. Examples include FOREIGN CURRENCY, TENDER SUMMARY, etc.
	effective_date	DATETIME	YES	The date the tender is ready for service or action (default="1970-01-01 00:00:00").
	expr_date	DATETIME	YES	The date after which the tender can no longer be accepted for service or action (default="3000-01-01 00:00:00").
	min_days_for_return	INTEGER	YES	The minimum number of days allowed for return of an item to use this tender type for refund.
	max_days_for_return	INTEGER	YES	The maximum number of days allowed for return of an item to use this tender type for refund. For example, allow a credit card refund for a return within 30 days, but store credit only after that.
	cust_id_req_code	VARCHAR (30)	YES	A code denoting the type of customer identification required. For example, DRIVER_LICENSE, EMPLOYEE_ID, etc.
	cust_association_flag	BIT	YES	If true, a customer must be associated with this tender type.
	populate_system_count_flag	BIT	YES	If true, the system counts the tender automatically to populate the system tender. Exists in both the tender table and tender type code table for till counting purposes. Which table is used depends on whether the system is configured to count by tender level or by tender type level.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	include_in_type_count_flag	BIT	YES	If true, the tender will be counted as part of its tender category grouping. If false, the tender will be counted separately. For example, if Visa, MasterCard, and Discover were all marked to be included in a type count (true), then they would be counted as a group under the "Credit Card" tender category.
	suggested_deposit_threshold	NUMERIC (17,6)	YES	The amount after which the user should be prompted to deposit excess tender. Used to enable prompts for drawer pulls when the drawer amount is above this configured amount.
	suggest_deposit_flag	BIT	YES	When true, the user will be prompted to deposit excess tender based on the suggested_deposit_threshold.
	change_tndr_id	VARCHAR (60)	YES	The id of the tender to be used as change after the cash change limit has been reached. For example, ISSUE_STORE_CREDIT, LOCAL_CURRENCY, ISSUE_XPAY_GIFT_CARD, etc.
	cash_change_limit	NUMERIC (17,6)	YES	The maximum amount of cash that can given as change when this tender is used as payment.
	over_tender_overridable_flag	BIT	YES	If true, the over tender limit can be overridden.
	non_voidable_flag	BIT	YES	If true, this tender type cannot be voided. Used for "draft capture" tenders like debit that do not allow reversals.
	disallow_split_tndr_flag	BIT	YES	When true, this tender cannot be used if there are tenders in the current transaction. Also, the tender amount entered cannot be less than what is due on the transaction.
	close_count_disc_threshold	NUMERIC (17,6)	YES	The close count discrepancy threshold.
	cid_msr_req_flag	BIT	YES	If true, the card Id is required when this card is swiped. Used to prompt for a credit card's CID/CVN/CVV when the credit card is read electronically. The CID is available to the authorization process, but is not saved anywhere except the encrypted version of authorization log (auth.enc).
	cid_keyed_req_flag	BIT	YES	If true, the card Id is required when this card is keyed into the system manually. Used to prompt for a credit card's CID/CVN/CVV when the credit card number is keyed.
	postal_code_req_flag	BIT	YES	If true, a postal code must be associated with this tender. Used to prompt for the customer postal code with certain credit cards. Additional code is required for each authorization engine to pass the information in authorization request.
	post_void_open_drawer_flag	BIT	YES	If true, open the cash drawer each time a post void is performed using this tender.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	change_allowed_when_foreign	BIT	YES	A flag that indicates whether the tender can be given as change when it is used as a foreign currency.
	fiscal_tndr_id	VARCHAR (10)	YES	Storage for fiscal tender ID.
	rounding_mode	VARCHAR (254)	YES	Used for tender rounding.
	assign_cash_drawer_req_flag	BIT	YES	Boolean value to determine if the tendering session assigned to networked cash drawer should be assigned to the transaction when this tender is selected, even though the cash drawer may not be required to open.
	post_void_assign_drawer_flag	BIT	YES	Same as assign_cash_drawer_req_flag, but used when doing a post void
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_options Relationships

Parent Entity	Child Entity	Type
tnd_tndr	tnd_tndr_options	Identifying
tnd_tndr_options	tnd_tndr_options_p	Identifying

tnd_tndr_options_p

Contains property code and value information for table TND_TNDR_OPTIONS.

tnd_tndr_options_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	config_element	VARCHAR (200)	NO	Profile Group ID & Profile Element ID definition.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TND_TNDR_OPTIONS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_options_p Relationships

Parent Entity	Child Entity	Type
tnd_tndr_options	tnd_tndr_options_p	Identifying

tnd_tndr_p

Contains property code and value information for table TND_TNDR.

tnd_tndr_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TND_TNDR (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_p Relationships

Parent Entity	Child Entity	Type
tnd_tndr	tnd_tndr_p	Identifying

tnd_tndr_typcode

Contains information about the tender types. Tender types are used to group tenders that have common characteristics.

tnd_tndr_typcode Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_typcode	VARCHAR (30)	NO	A code denoting a group of tenders with common characteristics. For example: CREDIT_CARD, CHECK, VOUCHER, etc.
	description	VARCHAR (254)	YES	The text description of the tender type code. For example, Account, Check, Coupon, etc.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	unit_count_req_code	VARCHAR (30)	YES	A code that signifies the unit count type that must be counted and recorded by the employee prior to a pickup. For example, TOTAL_NORMAL, DENOMINATION, TOTAL_SHORT, etc.
	close_count_disc_threshold	NUMERIC (17,6)	YES	The close count discrepancy threshold.
	hidden_flag	BIT	YES	Determines whether or not this code is displayed to the user. If False or NULL, the code will be displayed. If True, the code will not be displayed.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_typcode Relationships

Parent Entity	Child Entity	Type
tnd_tndr_typcode	tnd_tndr_typcode_p	Identifying
tnd_tndr_typcode	tnd_tndr	Non-Identifying

tnd_tndr_typcode_p

Contains property code and value information for table TND_TNDR_TYPCODE.

tnd_tndr_typcode_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_typcode	VARCHAR (30)	NO	A code denoting a group of tenders with common characteristics. For example: CREDIT_CARD, CHECK, VOUCHER, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TND_TNDR_TYPCODE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_typcode_p Relationships

Parent Entity	Child Entity	Type
tnd_tndr_typcode	tnd_tndr_typcode_p	Identifying

tnd_tndr_user_settings

Contains information about tender limits for a particular employee group on a per tender basis.

tnd_tndr_user_settings Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	group_id	VARCHAR (60)	NO	The identifier for a specific assemblage of people/objects regarded as a unit. For example; CASHIER, EVERYONE, MANAGER.
X	usage_code	VARCHAR (30)	NO	A code denoting how the tenders are to be used. For example, SALE, CHANGE, RETURN_WITHRECEIPT, EXCHANGE, etc. (default="DEFAULT").
X	entry_mthd_code	VARCHAR (60)	NO	A code denoting the method to be used to add this tender to the transaction (default="DEFAULT").
X	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
	online_floor_approval_amt	NUMERIC (17,6)	YES	The value of an individual tender above which authorization must be sought before acceptance. This limit is normally referred to as the floor limit and may vary by merchandise and store (default="0").
	online_ceiling_approval_amt	NUMERIC (17,6)	YES	The maximum amount of an individual tender type that can be authorized either in-house or by a third party. This especially applies to checks where the check authorization company sets a ceiling by retailer.
	over_tndr_limit	NUMERIC (17,6)	YES	The dollar amount that a tender type may be over tendered (default="0").
	offline_floor_approval_amt	NUMERIC (17,6)	YES	The value of an individual tender below which authorization is not required when in offline mode (default="0").
	offline_ceiling_approval_amt	NUMERIC (17,6)	YES	The maximum value of an individual tender that the system accepts without authorization when in offline mode.
	min_accept_amt	NUMERIC (17,6)	YES	The minimum amount that the system accepts for a specific tender type (default="0.01").

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	max_accept_amt	NUMERIC (17,6)	YES	The maximum amount that the system accepts for a specific tender type (default="99999.99").
	max_refund_with_receipt	NUMERIC (17,6)	YES	The maximum refund amount that the system accepts for a specific tender type for a return with a receipt. Authorization is required to override.
	max_refund_wo_receipt	NUMERIC (17,6)	YES	The maximum refund amount that the system accepts for a specific tender type for a return without a receipt. Authorization is required to override.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_user_settings Relationships

Parent Entity	Child Entity	Type
tnd_tndr	tnd_tndr_user_settings	Identifying
tnd_tndr_user_settings	tnd_tndr_user_settings_p	Identifying

tnd_tndr_user_settings_p

Contains property code and value information for table TND_TNDR_USER_SETTINGS.

tnd_tndr_user_settings_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, USD_CURRENCY, CAD_CURRENCY, PAYROLL_CHECK, ACCOUNT_CREDIT, DEBIT_CARD, GIFT_CERTIFICATE, AMERICAN_EXPRESS, MASTERCARD, etc.
X	group_id	VARCHAR (60)	NO	The identifier for a specific assemblage of people/objects regarded as a unit. For example; CASHIER, EVERYONE, MANAGER.
X	usage_code	VARCHAR (30)	NO	A code denoting how the tenders are to be used. For example, SALE, CHANGE, RETURN_WITHRECEIPT, EXCHANGE, etc. (default="DEFAULT").
X	entry_mthd_code	VARCHAR (60)	NO	A code denoting the method to be used to add this tender to the transaction (default="DEFAULT").
X	config_element	VARCHAR (200)	NO	Used to override receipt text pieces for different profile group elements.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TND_TNDR_USER_SETTINGS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tnd_tndr_user_settings_p Relationships

Parent Entity	Child Entity	Type
tnd_tndr_user_settings	tnd_tndr_user_settings_p	Identifying

Domain: TRL

Retail Transaction Lines (Except Tender Lines)

[For Entity Relationship diagrams, see Appendix A: Entity Relationship Diagrams on page 1058.](#)

[**trl_ar_sale_lineitm**](#)

Contains information about a line item component of a retail transaction and records Accounts Receivable information.

trl_ar_sale_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	acct_nbr	VARCHAR (60)	YES	The unique identifier for the Accounts Receivable account.
	auth_mthd_code	VARCHAR (30)	YES	A code that signifies the authorization method.
	adjudication_code	VARCHAR (30)	YES	A code indicating the result of a request to authorize the use of tender to settle a transaction.
	entry_mthd_code	VARCHAR (30)	YES	Code that denotes the entry method into the system. For example, Keyed, MSR, MICR, Scanned, SmartCard, etc.
	auth_code	VARCHAR (30)	YES	The authorization code for the AR.
	activity_code	VARCHAR (30)	YES	The AR activity code for the tender line item.
	reference_nbr	VARCHAR (254)	YES	The transaction reference number provided by the auth processor.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	acct_user_id	VARCHAR (30)	YES	Used to track the account buyer selected by the user so that we may report on who has made the house account payment, this is the payment companion to the house account tender stored in the ttr_ar_tndr_lineitm table.
	acct_user_name	VARCHAR (254)	YES	Used to track the account buyer NAME selected by the user so that we may report on who has made the house account payment, this is the payment companion to the house account tender stored in the ttr_ar_tndr_lineitm table.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_ar_sale_lineitm Relationships

Parent Entity	Child Entity	Type
trl_rtrans	trl_ar_sale_lineitm	Identifying

trl_commission_mod

Contains information about the employee compensation plan for sales they make to customers.

trl_commission_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	commission_mod_seq_nbr	INTEGER	NO	A sequential counter used to uniquely identify an instance of a commission modifier.
	typcode	VARCHAR (30)	YES	A unique code for an employee's commission plan.
	amt	NUMERIC (17,6)	YES	Defines the flat amount of commission earned on the sale.
	percentage	NUMERIC (6,4)	YES	Defines the percentage amount of commission earned on the sale.
	percentage_of_item	NUMERIC (6,4)	YES	Defines the percentage applied to the sold-at retail amount to arrive at the commission for an item or service sold in the sale/return line item.
	employee_party_id	BIGINT	YES	A unique, automatically assigned identity for a party.
	unverifiable_emp_id	VARCHAR (60)	YES	An employee identifier that was entered but not verified against the employee table.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_commission_mod Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_commission_mod	Identifying
crm_party	trl_commission_mod	Non-Identifying
trl_commission_mod	trl_commission_mod_p	Identifying

[trl_commission_mod_p](#)

Contains property code and value information for table TRL_COMMISSION_MOD.

trl_commission_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	commission_mod_seq_nbr	INTEGER	NO	A sequential counter used to uniquely identify an instance of a commission modifier.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_COMMISSION_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

trl_commission_mod_p Relationships

Parent Entity	Child Entity	Type
trl_commission_mod	trl_commission_mod_p	Identifying

trl_correction_mod

Contains information about modifying a previous transaction, linking the previous line item to the new line item.

trl_correction_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	original_rtl_loc_id	INTEGER	YES	A unique retailer assigned identifier for a retail store from the original transaction.
	original_wkstn_id	BIGINT	YES	The unique identifier for the workstation from the original transaction.
	original_business_date	DATETIME	YES	The calendar date of the original business day.
	original_trans_seq	BIGINT	YES	A unique, non-significant, automatically assigned sequential number used to identify a transaction within the context of a workstation and a business period from the original transaction.
	original_rtrans_lineitm_seq	INTEGER	YES	The sequence number of line item within the context of this retail transaction, from the original transaction.
	reascode	VARCHAR (30)	YES	A code denoting the reason the original transaction was modified. For example, LAYAWAY_PICKUP, LAYAWAY_CANCEL, SPECIAL_ORDER_CANCEL, RESUME, etc.
	notes	VARCHAR (254)	YES	Text entered by the user.
	original_base_unit_amt	NUMERIC (17,6)	YES	The base unit amount from the original transaction.
	original_base_extended_amt	NUMERIC (17,6)	YES	The base extended amount from the original transaction.
	original_unit_amt	NUMERIC (17,6)	YES	The unit amount from the original transaction.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	original_extended_amt	NUMERIC (17,6)	YES	The extended amount from the original transaction.
	original_tax_amt	NUMERIC (17,6)	YES	The tax amount from the original transaction.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_correction_mod Relationships

Parent Entity	Child Entity	Type
trl_rtrans_lineitm	trl_correction_mod	Identifying
trl_rtrans_lineitm	trl_correction_mod	Non-Identifying
trl_correction_mod	trl_correction_mod_p	Identifying

[trl_correction_mod_p](#)

Contains property code and value information for table TRL_CORRECTION_MOD.

trl_correction_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_CORRECTION_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_correction_mod_p Relationships

Parent Entity	Child Entity	Type
trl_correction_mod	trl_correction_mod_p	Identifying

trl_coupon_lineitm

Contains information about a line item component of a retail transaction and records coupon deals. A trl_coupon_lineitm entry will be created if no tntr_id or discount_code exists in dsc_coupon_xref.

trl_coupon_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	coupon_id	VARCHAR (254)	YES	A coupon identifier.
	typcode	VARCHAR (30)	YES	A code which uniquely identifies the type of coupon.
	serialized_flag	BIT	YES	If true, this is a serialized coupon type.
	expr_date	DATETIME	YES	The date after which the coupon is no longer valid.
	entry_mthd_code	VARCHAR (30)	YES	Code that denotes the entry method into the system. For example: Keyed, Scanned.
	manufacturer_id	VARCHAR (254)	YES	A unique identifier to denote the item manufacturer from the coupon.
	value_code	VARCHAR (30)	YES	The coupon's value. Currently configured in CouponValueConfig.xml with mappings for all current value codes.
	manufacturer_family_code	VARCHAR (254)	YES	The UPC designated three digit coupon family code for the manufacturer item from the coupon.
	amt_entered	NUMERIC (17,6)	YES	Used for cashier intervention coupon type. The coupon amount entered by the cashier at the prompt.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	authorized_flag	BIT	YES	Indicates whether or not a coupon has been authorized by some system. In base Xstore, the only system that authorizes coupons is Relate; however, other back-end CRM systems are supported.
	redemption_trans_id	VARCHAR (60)	YES	The value returned by a system that authorized a serialized coupon. This value represents the redemption and would need to be provided to the authorizing system when voiding a redemption.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_coupon_lineitm Relationships

Parent Entity	Child Entity	Type
trl_rtrans	trl_coupon_lineitm	Identifying

trl_cust_item_acct_mod

Contains information about associating a modified line item to a particular customer account.

trl_cust_item_acct_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	cust_acct_id	VARCHAR (60)	YES	A unique identifier for a customer account. Must be unique within the Customer Account Code.
	cust_acct_code	VARCHAR (30)	YES	An identifier for a type of customer account. Valid Values include ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, and WORK_ORDER.
	item_acct_extended_price	NUMERIC (17,6)	YES	The actual extended price of the item for the account.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_cust_item_acct_mod Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_cust_item_acct_mod	Identifying
cat_cust_acct	trl_cust_item_acct_mod	Non-Identifying
trl_cust_item_acct_mod	trl_cust_item_acct_mod_p	Identifying

trl_cust_item_acct_mod_p

Contains property code and value information for table TRL_CUST_ITEM_ACCT_MOD.

trl_cust_item_acct_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_CUST_ITEM_ACCT_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_cust_item_acct_mod_p Relationships

Parent Entity	Child Entity	Type
trl_cust_item_acct_mod	trl_cust_item_acct_mod_p	Identifying

trl_deal_lineitm

Contains information about a line item component of a retail transaction and records transaction level deals.

trl_deal_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	amt	NUMERIC (17,6)	YES	The monetary deal amount of the referenced line.
	deal_id	VARCHAR (60)	NO	The unique identifier for a deal from prc_deal that lead to this line.
	discount_reascode	VARCHAR (30)	NO	The discount reason code. Will currently always be "DEAL".
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_deal_lineitm Relationships

Parent Entity	Child Entity	Type
trl_rtrans	trl_deal_lineitm	Identifying

trl_dimension_mod

Contains the values entered when an item not on file is sold.

trl_dimension_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	dimension_code	VARCHAR (30)	NO	A code to identify the dimension (SHOE COLOR, SHOE SIZE, etc.).
	value	VARCHAR (256)	YES	The attribute for a dimension. For example, BROWN is a value for the dimension Shoe Color.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_dimension_mod Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_dimension_mod	Identifying
trl_dimension_mod	trl_dimension_mod_p	Identifying

trl_dimension_mod_p

Contains property code and value information for table TRL_DIMENSION_MOD.

trl_dimension_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	dimension_code	VARCHAR (30)	NO	A code to identify the dimension (SHOE COLOR, SHOE SIZE, etc.).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_DIMENSION_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_dimension_mod_p Relationships

Parent Entity	Child Entity	Type
trl_dimension_mod	trl_dimension_mod_p	Identifying

trl_discount_lineitm

Contains information about a line item component of a retail transaction and records transaction level discounts.

trl_discount_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	discount_code	VARCHAR (60)	YES	A code that uniquely identifies a discount.
	percentage	NUMERIC (6,4)	YES	The percentage of the line item discount.
	amt	NUMERIC (17,6)	YES	The monetary value for the discount line item.
	serial_number	VARCHAR (254)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	new_price_quantity	NUMERIC (11,4)	YES	The number of items the new price can be applied to.
	new_price	NUMERIC (17,6)	YES	The new price for the item.
	taxability_code	VARCHAR (30)	YES	Valid value: "POST_TAX" or "PRE_TAX"/"DEFAULT" When "POST_TAX", the tax is calculated before the discount is applied. For any other value, the tax is calculated after the discount is applied.
	award_trans_id	VARCHAR (60)	YES	The award processor's (Relate™) "transaction ID" that is associated with the action of redeeming awards. This information is reported to the award processor in case an award redemption is subsequently voided.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_discount_lineitm Relationships

Parent Entity	Child Entity	Type
trl_rtrans	trl_discount_lineitm	Identifying

trl_escrow_trans

Contains information about an escrow account transaction. An escrow transaction is created when a customer account containing payments from a customer is canceled and funds are recorded in an associated escrow account for the customer. An escrow account exists to allow the store to maintain an ongoing record of monies due to the customer for canceled customer accounts for which payments have been made (special orders, layaways).

trl_escrow_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	escrow_amt	NUMERIC (17,6)	YES	Amount of money.
	cust_party_id	BIGINT	YES	The party identifier for the customer. Escrow customer number.
	cust_acct_id	VARCHAR (60)	YES	A unique identifier for a customer account. Must be unique within the Customer Account Code. Escrow account number.
	activity_seq_nbr	BIGINT	YES	Escrow account activity sequence number.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_escrow_trans Relationships

Parent Entity	Child Entity	Type
trl_rtrans	trl_escrow_trans	Identifying
crm_party	trl_escrow_trans	Non-Identifying

trl_invctl_document_mod

Links a transaction to an inventory control document.

trl_invctl_document_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	invctl_document_mod_seq	INTEGER	NO	Sequence number within the table to keep the inventory control document modification record ordered and unique.
	invctl_document rtl_loc_id	INTEGER	YES	A unique identifier for a specific inventory location within the retail enterprise.
	invctl_document_id	VARCHAR (60)	YES	The reference number that uniquely identifies the inventory control document.
	document_typcode	VARCHAR (30)	YES	Describes the specific task that this inventory document supports (SHIPPING, SALE, etc.).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_invctl_document_mod Relationships

Parent Entity	Child Entity	Type
trl_rtrans	trl_invctl_document_mod	Identifying
loc rtl loc	trl_invctl_document_mod	Non-Identifying
trl_invctl_document_mod	trl_invctl_document_mod_p	Identifying

trl_invctl_document_mod_p

Contains property code and value information for table TRL_INVCTL_DOCUMENT_MOD.

trl_invctl_document_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	invctl_document_mod_seq	INTEGER	NO	Sequence number within the table to keep the inventory control document modification record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_INVCTL_DOCUMENT_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_invctl_document_mod_p Relationships

Parent Entity	Child Entity	Type
trl_invctl_document_mod	trl_invctl_document_mod_p	Identifying

trl_inventory_loc_mod

Contains inventory location modification information for retail sale line items. There are two tables that hold this information; one for retail transactions (trl_inventory_loc_mod) and one for inventory processes (inv_inventory_loc_mod).

trl_inventory_loc_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	Unique identifier for the transaction.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	mod_seq	INTEGER	NO	Numeric identifier to make this modifier unique.
	serial_nbr	VARCHAR (254)	YES	Serial number for the parent item of this modifier.
	source_location_id	VARCHAR (60)	YES	Inventory location id from which the parent item was sold, put on layaway, etc.
	source_bucket_id	VARCHAR (60)	YES	Inventory bucket id from which the parent item was sold. For outgoing inventory, this should always be ON_HAND.
	dest_location_id	VARCHAR (60)	YES	Inventory location id to which the parent item is moving.
	dest_bucket_id	VARCHAR (60)	YES	Inventory bucket id to which the parent item is moving. When the item leaves the store, this will always be SHIPPED.
	quantity	NUMERIC (11,4)	YES	The quantity of the parent item that will be moved in accordance with this modifier.
	action_code	VARCHAR (30)	YES	The action taken that caused this modifier to be created. This will typically correspond to the inventory document type.
	void_flag	BIT	YES	If true, denotes that this operation has been voided.
	item_id	VARCHAR (60)	YES	The retailer's SKU or unique item identifier for items sold or returned.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_inventory_loc_mod Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_inventory_loc_mod	Identifying
inv_bucket	trl_inventory_loc_mod	Non-Identifying
inv_bucket	trl_inventory_loc_mod	Non-Identifying
inv_location	trl_inventory_loc_mod	Non-Identifying
inv_location	trl_inventory_loc_mod	Non-Identifying
trl_inventory_loc_mod	trl_inventory_loc_mod_p	Identifying

[trl_inventory_loc_mod_p](#)

Contains property code and value information for table TRL_INVENTORY_LOC_MOD.

trl_inventory_loc_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	Unique identifier for the transaction.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	mod_seq	INTEGER	NO	Numeric identifier to make this modifier unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_INVENTORY_LOC_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_inventory_loc_mod_p Relationships

Parent Entity	Child Entity	Type
trl_inventory_loc_mod	trl_inventory_loc_mod_p	Identifying

trl_kit_component_mod

Tracks what component items made up a kit line item at the time of a sale.

trl_kit_component_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	Business date of the kit sale.
X	wkstn_id	BIGINT	NO	Workstation where the kit was sold.
X	trans_seq	BIGINT	NO	Transaction sequence number of the transaction where the kit was sold.
X	rtrans_lineitm_seq	INTEGER	NO	Retail transaction line item sequence number for the kit item.
X	component_item_id	VARCHAR (60)	NO	Item id of the component item.
X	seq_nbr	INTEGER	NO	Represents the sequence number for all the serialized item
	component_item_desc	VARCHAR (254)	YES	Item description of the component item.
	display_order	INTEGER	YES	The order in which the component item should be displayed on the receipts.
	Quantity	INTEGER	YES	The number of component items sold as part of the kit.
	kit_item_id	VARCHAR (60)	YES	Item id for the kit item sold.
	serial_nbr	VARCHAR(60)	YES	Represents the serial number which will be stored for each serialized kit component
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_kit_component_mod Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_kit_component_mod	Identifying
trl_kit_component_mod	trl_kit_component_mod_p	Identifying

trl_kit_component_mod_p

Contains property code and value information for table TRL_KIT_COMPONENT_MOD.

trl_kit_component_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	Business date of the kit sale.
X	wkstn_id	BIGINT	NO	Workstation where the kit was sold.
X	trans_seq	BIGINT	NO	Transaction sequence number of the transaction where the kit was sold.
X	rtrans_lineitm_seq	INTEGER	NO	Retail transaction line item sequence number for the kit item.
X	component_item_id	VARCHAR (60)	NO	Item id of the component item.
X	seq_nbr	INTEGER	NO	Represents the sequence number for all the serialized item.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_KIT_COMPONENT_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, NUMERIC, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required when the Type is NUMERIC. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_kit_component_mod_p Relationships

Parent Entity	Child Entity	Type
trl_kit_component_mod	trl_kit_component_mod_p	Identifying

trl_lineitm_assoc_mod

Contains information about a line item association to another line item.

trl_lineitm_assoc_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	parent_rtrans_lineitm_seq	INTEGER	NO	The parent retail transaction line item sequence within the parent/child relationship.
X	parent_rtl_loc_id	INTEGER	NO	The parent retail location identifier within the parent/child relationship.
X	parent_business_date	DATETIME	NO	The parent business date within the parent/child relationship.
X	parent_wkstn_id	BIGINT	NO	The parent workstation identifier within the parent/child relationship.
X	parent_trans_seq	BIGINT	NO	The parent transaction sequence within the parent/child relationship.
X	lineitm_assoc_mod_seq	INTEGER	NO	Sequence number within the table to keep the line item association modifier record ordered and unique.
	lineitm_assoc_typcode	VARCHAR (30)	YES	The type of line item association. For example, WARRANTY, ATTACHED ITEM, RESTOCKING FEE, etc.
	child_rtrans_lineitm_seq	INTEGER	YES	The child retail transaction line item sequence within the parent/child relationship.
	child_rtl_loc_id	INTEGER	YES	The child retail location identifier within the parent/child relationship.
	child_wkstn_id	BIGINT	YES	The child workstation identifier within the parent/child relationship.
	child_business_date	DATETIME	YES	The child business date within the parent/child relationship.
	child_trans_seq	BIGINT	YES	The child transaction sequence within the parent/child relationship.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_lineitm_assoc_mod Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_lineitm_assoc_mod	Identifying
trl_lineitm_assoc_typcode	trl_lineitm_assoc_mod	Non-Identifying
trl_sale_lineitm	trl_lineitm_assoc_mod	Non-Identifying
trl_lineitm_assoc_mod	trl_lineitm_assoc_mod_p	Identifying

trl_lineitm_assoc_mod_p

Contains property code and value information for table TRL_LINEITM_ASSOC_MOD.

trl_lineitm_assoc_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	parent_rtl_loc_id	INTEGER	NO	The parent retail location identifier within the parent/child relationship.
X	parent_business_date	DATETIME	NO	The parent business date within the parent/child relationship.
X	parent_wkstn_id	BIGINT	NO	The parent workstation identifier within the parent/child relationship.
X	parent_trans_seq	BIGINT	NO	The parent transaction sequence within the parent/child relationship.
X	parent_rtrans_lineitm_seq	INTEGER	NO	The parent retail transaction line item sequence within the parent/child relationship.
X	lineitm_assoc_mod_seq	INTEGER	NO	Sequence number within the table to keep the line item association modifier record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_LINEITM_ASSOC_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_lineitm_assoc_mod_p Relationships

Parent Entity	Child Entity	Type
trl_lineitm_assoc_mod	trl_lineitm_assoc_mod_p	Identifying

trl_lineitm_assoc_typcode

Contains Line Item Association Type Codes information.

trl_lineitm_assoc_typcode Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	lineitm_assoc_typcode	VARCHAR (30)	NO	The string value of the line item association type code. For example WARRANTY.
	description	VARCHAR (254)	YES	The text description for the line item association type.
	sort_order	INTEGER	YES	Determines the order in which a list is sorted.
	parent_restrict_quantity_flag	BIT	YES	When true, the parent item may not have its quantity changed.
	child_restrict_quantity_flag	BIT	YES	When true, the child item may not have its quantity changed.
	parent_restrict_price_flag	BIT	YES	When true, the parent item may not have its price changed.
	child_restrict_price_flag	BIT	YES	When true, the child item may not have its price changed.
	parent_restrict_delete_flag	BIT	YES	When true, the parent item may not be deleted.
	child_restrict_delete_flag	BIT	YES	When true, the child item may not be deleted.
	cascade_delete_flag	BIT	YES	When true, the child item should be deleted with the parent item.
	cascade_quantity_flag	BIT	NO	When true, the child item quantity should be updated with the parent item quantity.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_lineitm_assoc_typcode Relationships

Parent Entity	Child Entity	Type
trl_lineitm_assoc_typcode	trl_lineitm_assoc_typcode_p	Identifying
trl_lineitm_assoc_typcode	trl_lineitm_assoc_mod	Non-Identifying

trl_lineitm_assoc_typcode_p

Contains property code and value information for table TRL_LINEITM_ASSOC_TYPCODE.

trl_lineitm_assoc_typcode_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	lineitm_assoc_typcode	VARCHAR (30)	NO	The string value of the line item association type code. For example WARRANTY.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_LINEITM_ASSOC_TYPCODE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_lineitm_assoc_typcode_p Relationships

Parent Entity	Child Entity	Type
trl_lineitm_assoc_typcode	trl_lineitm_assoc_typcode_p	Identifying

trl_lineitm_notes

Contains note information associated with a line item.

trl_lineitm_notes Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	note_seq	INTEGER	NO	Sequence number within the table to keep the notes ordered and unique.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	note_datetime	DATETIME	YES	When the note was created.
	posted_flag	BIT	YES	If true, transaction information was posted to the home office.
	note	VARCHAR (MAX)	YES	Text entered by the user.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_lineitm_notes Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_lineitm_notes	Identifying
trl_lineitm_notes	trl_lineitm_notes_p	Identifying

[trl_lineitm_notes_p](#)

Contains property code and value information for table TRL_LINEITM_NOTES.

trl_lineitm_notes_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	note_seq	INTEGER	NO	Sequence number within the table to keep the notes ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_LINEITM_NOTES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_lineitm_notes_p Relationships

Parent Entity	Child Entity	Type
trl_lineitm_notes	trl_lineitm_notes_p	Identifying

trl_returned_item_count

Stores the quantity of a particular line item that has been returned.

trl_returned_item_count Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	returned_count	NUMERIC (11,4)	YES	The number of items returned in the transaction.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_returned_item_count Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_returned_item_count	Identifying
trl_returned_item_count	trl_returned_item_count_p	Identifying

[trl_returned_item_count_p](#)

Contains property code and value information for table TRL_RETURNED_ITEM_COUNT.

trl_returned_item_count_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_RETURNED_ITEM_COUNT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_returned_item_count_p Relationships

Parent Entity	Child Entity	Type
trl_returned_item_count	trl_returned_item_count_p	Identifying

trl_returned_item_journal

Records the changes to returned item count data prior to updating the returned_item_count table.

trl_returned_item_journal Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	journal_seq	BIGINT	NO	The sequence number of the returned item journal entry.
	returned_count	NUMERIC (11,4)	YES	The number of items returned in the transaction.
	rtn_rtl_loc_id	INTEGER	YES	The retail location identifier where the item was returned.
	rtn_wkstn_id	BIGINT	YES	The workstation identifier where the item was returned.
	rtn_business_date	DATETIME	YES	The business date the item was returned.
	rtn_trans_seq	BIGINT	YES	The sequence number of the transaction within the context of this retail return transaction.
	rtn_rtrans_lineitm_seq	INTEGER	YES	The sequence number of line item within the context of this retail return transaction.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_returned_item_journal Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_returned_item_journal	Identifying
trl_sale_lineitm	trl_returned_item_journal	Non-Identifying
trl_returned_item_journal	trl_returned_item_journal_p	Identifying

[trl_returned_item_journal_p](#)

Contains property code and value information for table TRL_RETURNED_ITEM_JOURNAL.

trl_returned_item_journal_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	journal_seq	BIGINT	NO	The sequence number of the returned item journal entry.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_RETURNED_ITEM_JOURNAL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_returned_item_journal_p Relationships

Parent Entity	Child Entity	Type
trl_returned_item_journal	trl_returned_item_journal_p	Identifying

trl_rtl_price_mod

Contains information pertaining to price changes in a transaction.

trl_rtl_price_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	rtl_price_mod_seq_nbr	INTEGER	NO	Sequence number within the table to keep the retail price modifier record ordered and unique.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	promotion_id	VARCHAR (60)	YES	An identifier for the promotion event.
	percentage	NUMERIC (6,4)	YES	The percentage of the line item discount.
	amt	NUMERIC (17,6)	YES	The amount the price is modified by.
	price_change_amt	NUMERIC (17,6)	YES	The amount of the price change, specific to a manual price change.
	notes	VARCHAR (254)	YES	Text entered by the user.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	rtl_price_mod_reascode	VARCHAR (30)	YES	The code for the reason a price was modified in a transaction: PRICE_OVERRIDE - If a manual price change is performed on a transaction, the field will contain "PRICE_OVERRIDE" and the attribute in the POS log will contain "PriceOverride". LINE_ITEM_DISCOUNT - If a discount (from dsc_discount where app_mthd_code='LINE_ITEM') was manually applied to an item, the field will contain "LINE_ITEM_DISCOUNT" and the attribute in the POS log will contain "dtv:LineItemDiscount". PROMPT_PRICE_CHANGE - If the price was entered by the cashier because itm_item.prompt_for_price_flag was true, the field will contain "PROMPT_PRICE_CHANGE" and the attribute in the POS log will contain "dtv:PromptPriceChange". BASE_PRICE_RULE - If the price was pulled from the information in itm_item, itm_item_prices, or itm_item_properties, the field will contain "BASE_PRICE_RULE" and the attribute in the POS log will contain "PriceRule". DEAL - If the price was reached using the Xstore Deal engine, the field will contain "DEAL" and the attribute in the POS log will contain "Promotion". GROUP_DISCOUNT - If a discount (from dsc_discount where app_mthd_code='GROUP') was manually applied to a group of items, the field will contain "GROUP_DISCOUNT" and the attribute in the POS log will contain "dtv:GroupDiscount". TRANSACTION_DISCOUNT - If a discount (from dsc_discount where app_mthd_code='TRANSACTION') was manually applied, the field will contain "TRANSACTION_DISCOUNT" and the attribute in the POS log will contain "dtv:TransactionDiscount". DOCUMENT - If a bounce back coupon or other entity from doc_document dictated the price, the field will contain "DOCUMENT" and the attribute in the log will contain "dtv:Document". MANUFACTURER_COUPON - If a EAN13 manufacturers' coupon was used to set the price, the field will contain "MANUFACTURER_COUPON" and the attribute in the log will contain "dtv:ManufacturerCoupon".
	void_flag	BIT	YES	If true, denotes that this operation has been voided.
	disc_rtrans_lineitm_seq	INTEGER	YES	The retail transaction line item sequence number of the discount activity.
	disc rtl_loc_id	INTEGER	YES	The retail location identifier of the discount activity.
	disc_wkstn_id	BIGINT	YES	The workstation identifier of the discount activity.
	disc_business_date	DATETIME	YES	The business date of the discount activity.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	disc_trans_seq	BIGINT	YES	The transaction sequence number of the discount activity.
	discount_code	VARCHAR (60)	YES	A code that uniquely identifies a discount.
	price_change_reascode	VARCHAR (30)	YES	The code denoting the price change reason.
	deal_id	VARCHAR (60)	YES	The unique identifier for a deal.
	deal_amt	NUMERIC (17,6)	YES	The amount of the deal.
	serial_number	VARCHAR (254)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	discount_group_id	INTEGER	YES	The identifier for the discount group.
	description	VARCHAR (254)	YES	The text description for a price modification.
	discount_reascode	VARCHAR (30)	YES	The discount reason code.
	extended_amt	NUMERIC (17,6)	YES	The product of multiplying quantity by the retail selling unit price derived from price lookup (and any applicable price derivation rules). This retail sale unit price excludes sales and/or value added tax.
	taxability_code	VARCHAR (30)	YES	Valid value: "POST_TAX" or "PRE_TAX"/"DEFAULT" When "POST_TAX", the tax is calculated before the discount is applied. For any other value, the tax is calculated after the discount is applied.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl rtl price_mod Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl rtl price_mod	Identifying
trl rtl price_mod	trl rtl price_mod_p	Identifying

trl rtl price mod p

Contains property code and value information for table TRL_RTL_PRICE_MOD.

trl_rtl_price_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	rtl_price_mod_seq_nbr	INTEGER	NO	Sequence number within the table to keep the retail price modifier record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_RTL_PRICE_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

trl rtl price_mod_p Relationships

Parent Entity	Child Entity	Type
trl rtl price_mod	trl rtl price_mod_p	Identifying

trl_rtrans

POS Transaction implementation for handling retail transactions. The retail transaction consists of party information, totals, and collections of line items. Other fields, such as employee/operator come from the parent IPosTransaction.

trl_rtrans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	cust_party_id	BIGINT	YES	The party identifier for the customer.
	subtotal	NUMERIC (17,6)	YES	The amount recorded for the transaction before tax.
	taxtotal	NUMERIC (17,6)	YES	The total tax amount recorded for the transaction.
	total	NUMERIC (17,6)	YES	The total amount recorded for the transaction.
	loyalty_card_number	VARCHAR (60)	YES	The loyalty card number.
	tax_exemption_id	VARCHAR (60)	YES	An identifier for the tax exemption.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_rtrans Relationships

Parent Entity	Child Entity	Type
trn_trans	trl_rtrans	Identifying
crm_party	trl_rtrans	Non-Identifying
trl_rtrans	doc_document_lineitm	Identifying
trl_rtrans	trl_ar_sale_lineitm	Identifying
trl_rtrans	trl_coupon_lineitm	Identifying
trl_rtrans	trl_deal_lineitm	Identifying
trl_rtrans	trl_discount_lineitm	Identifying
trl_rtrans	trl_escrow_trans	Identifying
trl_rtrans	trl_invctl_document_mod	Identifying
trl_rtrans	trl_rtrans_flight_info	Identifying
trl_rtrans	trl_rtrans_lineitm	Identifying
trl_rtrans	trl_voucher_discount_lineitm	Identifying
trl_rtrans	ttr_tndr_lineitm	Identifying

trl_rtrans_flight_info

This table store airline information attached to the transaction.

trl_rtrans_flight_info Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	flight_number	VARCHAR (30)	NO	Unique code assigned to each flight.
	destination_airport	VARCHAR (30)	YES	Three digit code of the passenger's destination airport (eg: CLE), according to the boarding pass.
	destination_country	VARCHAR (2)	YES	Two digit country code of the passenger's destination country.
	destination_zone	VARCHAR (30)	YES	Destination zone of this flight belongs to, determines using origin_airport and destination_airport.
	destination_airport_name	VARCHAR (254)	YES	Name of the passenger's destination airport.
	origin_airport	VARCHAR (3)	YES	Name of the originated airport of the flight, as shown in the boarding pass.
	tax_calculation_mode	VARCHAR (30)	YES	Calculation of Tax Free Prices.
	first_flight_number	VARCHAR (30)	YES	It is the number of the first flight scanned from the user.
	first_destination_airport	VARCHAR (3)	YES	It is the code of the destination airport of the first flight scanned from the user.
	first_origin_airport	VARCHAR (3)	YES	It is the code of the origin airport of the first flight scanned from the user. It should be equal to the one defined in loc rtl_loc.airport_code.
	first_flight_seat_number	VARCHAR (4)	YES	It is the seat number of the first flight scanned from the user.
	first_flight_scheduled_date	DATETIME	YES	It is the scheduled date/time of the first flight scanned from the user.
	create_date	DATETIME	YES	The date the record was created.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_rtrans_flight_info Relationships

Parent Entity	Child Entity	Type
trl_rtrans	trl_rtrans_flight_info	Identifying
trl_rtrans_flight_info	trl_rtrans_flight_info_p	Identifying

trl_rtrans_flight_info_p

Contains property code and value information for table TRL_RTRANS_FLIGHT_INFO.

trl_rtrans_flight_info_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_RTRANS_FLIGHT_INFO (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_rtrans_flight_info_p Relationships

Parent Entity	Child Entity	Type
trl_rtrans_flight_info	trl_rtrans_flight_info_p	Identifying

trl_rtrans_lineitm

The interface to the base object for line items. Provides the common, core functionality for SaleReturnLineItems, TaxLineItems, etc.

trl_rtrans_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	begin_date_timestamp	DATETIME	YES	The start time of the retail transaction line item.
	end_date_timestamp	DATETIME	YES	The end time of the retail transaction line item.
	notes	VARCHAR (254)	YES	Text entered by the user.
	rtrans_lineitm_typcode	VARCHAR (30)	YES	The type code for the retail transaction line item (COUPON, DISCOUNT, DOCUMENT, DEAL, TAX, ITEM, or TENDER).
	rtrans_lineitm_statcode	VARCHAR (30)	YES	The status code for the retail transaction line item.
	void_flag	BIT	YES	If true, denotes that this operation has been voided.
	dvt_class_name	VARCHAR (254)	YES	Metadata column that denotes the java concrete implementation of the record.
	void_lineitm_reascode	VARCHAR (30)	YES	A code describing the reason the line item was voided.
	generic_storage_flag	BIT	YES	If true, indicates this transaction information will be stored in the generic storage table.
	tlog_lineitm_seq	INTEGER	YES	The line sequence used for the POS Log.
	currency_id	VARCHAR (3)	YES	The three-letter ISO currency code. For example, USD, EUR, etc.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_rtrans_lineitm Relationships

Parent Entity	Child Entity	Type
trl_rtrans	trl_rtrans_lineitm	Identifying
trl_rtrans_lineitm	cwo_work_order_line_item	Identifying
trl_rtrans_lineitm	trl_correction_mod	Identifying
trl_rtrans_lineitm	trl_rtrans_lineitm_p	Identifying
trl_rtrans_lineitm	trl_sale_lineitm	Identifying
trl_rtrans_lineitm	trl_tax_lineitm	Identifying
trl_rtrans_lineitm	xom_order_mod	Identifying
trl_rtrans_lineitm	trl_correction_mod	Non-Identifying
trl_rtrans_lineitm	trl_sale_lineitm	Non-Identifying

trl_rtrans_lineitm_p

Contains property code and value information for a line item.

trl_rtrans_lineitm_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	Transaction sequence number of the transaction where the kit was sold.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with the line item. For example: PRODUCT_LINE, COMMENT, STYLE_ID, ITEM_ID, SIZE, COLOR.
	type	VARCHAR (30)	YES	The type of value stored by this record: One of [STRING, DATE, BIGDECIMAL, BOOLEAN]
	string_value	VARCHAR (MAX)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required, when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required, when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_rtrans_lineitm_p Relationships

Parent Entity	Child Entity	Type
trl_rtrans_lineitm	trl_rtrans_lineitm_p	Identifying

trl_rtrans_serial_exchange

This table holds the exchange transaction details

trl_rtrans_serial_exchange Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	NUMBER(19,0)	NO	The unique identifier for the workstation.
X	trans_seq	NUMBER(19,0)	NO	New transaction seq for exchange
X	rtrans_lineitm_seq	INTEGER	NO	Item/component exchange sequence
	item_id	VARCHAR(60)	YES	Item/component ID
	orig_serial_nbr	VARCHAR(60)	YES	Old serial number of the item/component
	new_serial_nbr	VARCHAR(60)	YES	New serial number of the item/component
	exchange_comment	VARCHAR(254)	YES	Comment for exchange
	exchange_reason_code	VARCHAR(30)	YES	Reason code
	orig_lineitm_seq	INTEGER	YES	Item sequence in original transaction
	orig rtl_loc_id	INTEGER	YES	A unique retailer assigned identifier for a retail store from the original transaction.
	orig_wkstn_id	NUMBER(19,0)	YES	The unique identifier for the workstation from the original transaction.
	orig_business_date	DATETIME	YES	The calendar date of the original business day.
	orig_trans_seq	NUMBER(19,0)	YES	Original transaction sequence
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

trl_sale_lineitm

Contains sale information by line item.

trl_sale_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstrn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	Transaction sequence number of the transaction where the kit was sold.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	merch_level_1	VARCHAR (60)	YES	A unique identifier for the POS selling location within the store.
	item_id	VARCHAR (60)	YES	The retailer's SKU or unique item identifier for items sold or returned.
	quantity	NUMERIC (11,4)	YES	The quantity of the line item.
	gross_quantity	NUMERIC (11,4)	YES	The gross (total) quantity of the line item.
	net_quantity	NUMERIC (11,4)	YES	The net quantity of the line item. This value will be updated by the application that includes the logic for book sale on setup or pickup. This will be reflected in the 'quantity' column on the rpt_sale_line table. The 'gross_quantity' column on the rpt_sale_line table will reflect the general quantity.
	unit_price	NUMERIC (17,6)	YES	The regular or lookup per-unit price for the item before any discounts have been applied.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	extended_amt	NUMERIC (17,6)	YES	The product of multiplying quantity by the retail selling unit price derived from price lookup (and any applicable price derivation rules). This retail sale unit price excludes sales and/or value added tax.
	vat_amt	NUMERIC (17,6)	YES	The value added tax amount on the line item.
	return_flag	BIT	YES	If true, this is a return item.
	item_id_entry_mthd_code	VARCHAR (30)	YES	A code for the method used to add this item to the transaction. Examples include KEYBOARD or AUTOMATIC.
	price_entry_mthd_code	VARCHAR (30)	YES	Not used
	price_derivtn_mthd_code	VARCHAR (30)	YES	Not used
	net_amt	NUMERIC (17,6)	YES	The item dollar amount before taxes.
	gross_amt	NUMERIC (17,6)	YES	The total amount for the sale line item.
	serial_nbr	VARCHAR (60)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	returned_quantity	NUMERIC (11,4)	YES	Not used
	scanned_item_id	VARCHAR (60)	YES	The UPC code corresponding to the item.
	sale_lineitm_typcode	VARCHAR (30)	YES	Code representing a type of line item (SALE, RETURN, etc.)
	tax_group_id	VARCHAR (60)	YES	A unique retailer assigned identifier for the tax group.
	inventory_action_code	VARCHAR (30)	YES	The code relating to the way an item may be dispositioned.
	original_rtrans_lineitm_seq	INTEGER	YES	The sequence number of line item within the context of this retail transaction (original transaction).
	original rtl_loc_id	INTEGER	YES	A unique retailer assigned identifier for a retail store (original transaction).
	original_wkstn_id	BIGINT	YES	The unique identifier for the workstation (original transaction).
	original_business_date	DATETIME	YES	The calendar date of the Business Day (original transaction).
	original_trans_seq	BIGINT	YES	A unique, non-significant, automatically assigned sequential number used to identify a transaction within the context of a workstation and a business period (original transaction).
	return_comment	VARCHAR (254)	YES	The comment entered as part of the return transaction.
	return_reascode	VARCHAR (30)	YES	The reason code selected for the return.
	return_typcode	VARCHAR (30)	YES	The code for the type of return (VERIFIED, UNVERIFIED, or BLIND).
	rcpt_count	INTEGER	YES	The number of receipts printed for the line item.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	base_unit_price	NUMERIC (17,6)	YES	The unit price before discounts. A price override will replace the base_unit_price.
	base_extended_price	NUMERIC (17,6)	YES	The extended price before any discount.
	force_zero_extended_amt_flag	BIT	YES	If true, the extended amount is always zero. For example, a layaway item.
	entered_description	VARCHAR (254)	YES	The description manually entered by the user for an item not on file.
	rpt_base_unit_price	NUMERIC (17,6)	YES	Used for reporting. The unit price (not taking into account price overrides) and before discounts.
	food_stamps_applied_amount	NUMERIC (17,6)	YES	The food stamp amount applied to this line item.
	vendor_id	VARCHAR (60)	YES	The identifier of the seller of the item to the store.
	regular_base_price	NUMERIC (17,6)	YES	The regular base price for an item on promotion. Used for reporting.
	shipping_weight	NUMERIC (12,3)	YES	The weight of a merchandise line item, used by the POS in the calculation of send sale shipping fees under certain configurations. The weight is derived from the SKU (itm_item.shipping_weight), or, in the absence of a pre-configured value, prompted for and entered by the user.
	unit_cost	NUMERIC (17,6)	YES	The original unit cost of an item sold. If the current unit cost changes, this allows the system to identify the original cost of the item if a customer returns it.
	attached_item_flag	BIT	YES	If true, the system will check for attached items to be added to the transaction.
	initial_quantity	DECIMAL (11,4)	YES	Line item association modifiers not linked on resume transaction.
	not_returnable_flag	BIT	YES	A flag indicating whether or not this item may be returned (for example, freezer or chilled merchandise).
	exclude_from_net_sales_flag	BIT	YES	If true, this item will not be attributed as revenue.
	measure_req_flag	BIT	YES	A flag indicating whether or not the weight of the item being sold must be entered into the system (either manually or automatically) to derive the retail price.
	weight_entry_mthd_code	VARCHAR (30)	YES	Weight entry method. (via scale / manually keyed in)
	tare_value	DECIMAL (11,4)	YES	Tare value.
	tare_type	VARCHAR (30)	YES	Tare type. (preset or weighted tare)
	tare_unit_of_measure_code	VARCHAR (30)	YES	Tare unit of measure code.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_sale_lineitm Relationships

Parent Entity	Child Entity	Type
trl_rtrans_lineitm	trl_sale_lineitm	Identifying
trl_rtrans_lineitm	trl_sale_lineitm	Non-Identifying
trl_sale_lineitm	trl_commission_mod	Identifying
trl_sale_lineitm	trl_cust_item_acct_mod	Identifying
trl_sale_lineitm	trl_dimension_mod	Identifying
trl_sale_lineitm	trl_inventory_loc_mod	Identifying
trl_sale_lineitm	trl_kit_component_mod	Identifying
trl_sale_lineitm	trl_lineitm_assoc_mod	Identifying
trl_sale_lineitm	trl_lineitm_notes	Identifying
trl_sale_lineitm	trl_returned_item_count	Identifying
trl_sale_lineitm	trl_returned_item_journal	Identifying
trl_sale_lineitm	trl rtl_price_mod	Identifying
trl_sale_lineitm	trl_sale_tax_lineitm	Identifying
trl_sale_lineitm	trl_voucher_sale_lineitm	Identifying
trl_sale_lineitm	trl_warranty_modifier	Identifying
trl_sale_lineitm	inv_invctl_document_lineitm	Non-Identifying
trl_sale_lineitm	itm_warranty	Non-Identifying
trl_sale_lineitm	itm_warranty	Non-Identifying
trl_sale_lineitm	trl_lineitm_assoc_mod	Non-Identifying

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_returned_item_journal	Non-Identifying

trl_sale_tax_lineitm

Contains line item components of a retail transaction that records the charging and offsetting liability credit for sales tax on merchandise items and services sold by the store, or debit for merchandise returned to the store.

trl_sale_tax_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	sale_tax_lineitm_seq	INTEGER	NO	Sequence number within the table to keep the sale tax line item record ordered and unique.
	taxable_amt	NUMERIC (17,6)	YES	The taxable amount of the item being sold.
	tax_amt	NUMERIC (17,6)	YES	The amount of tax applied by this line item.
	tax_exempt_amt	NUMERIC (17,6)	YES	The tax exempt dollar amount for the sale line item.
	tax_loc_id	VARCHAR (60)	YES	Unique identifier of a tax location.
	tax_group_id	VARCHAR (60)	YES	A unique retailer assigned identifier for the tax group.
	tax_rule_seq_nbr	INTEGER	YES	A sequential number for the tax rule, denoting the order of creation of the rules.
	tax_exemption_id	VARCHAR (60)	YES	An identifier for the tax exemption.
	tax_override_amt	NUMERIC (17,6)	YES	The tax amount as overridden by the user.
	tax_override_percentage	NUMERIC (10,8)	YES	The tax percentage as overridden by the user.
	tax_override_bracket_id	VARCHAR (60)	YES	Identifier for the tax override bracket definition.
	tax_override_flag	BIT	YES	True if the tax has been overridden by the user.
	tax_override_reascode	VARCHAR (30)	YES	The reason for the tax override.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	void_flag	BIT	YES	If true, denotes that this operation has been voided.
	raw_tax_percentage	NUMERIC (10,8)	YES	The unrounded tax percent.
	raw_tax_amount	NUMERIC (17,6)	YES	The unrounded tax amount.
	exempt_tax_amount	NUMERIC (17,6)	YES	The amount of tax that does not have to be paid for the line item.
	tax_percentage	NUMERIC (10,8)	YES	The tax percentage.
	authority_id	VARCHAR (60)	YES	Taxware specific. The identifier for the tax authority.
	authority_name	VARCHAR (254)	YES	Taxware specific. The name of the authority.
	authority_type_code	VARCHAR (60)	YES	Taxware specific. The type of authority.
	tax_override_comment	VARCHAR(255)	YES	The user comment to motivate the tax group change.
	orig_taxable_amount	NUMERIC(17,6)	YES	It is the value of the originally taxed amount (in VAT regime the tax group change could affect the value on which the tax is applied).
	orig_tax_group_id	VARCHAR(60)	YES	It is the original tax_group_id applied by the system
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_sale_tax_lineitm Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_sale_tax_lineitm	Identifying
trl_sale_tax_lineitm	trl_sale_tax_lineitm_p	Identifying

trl_sale_tax_lineitm_p

Contains property code and value information for table TRL_SALE_TAX_LINEITM.

trl_sale_tax_lineitm_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	sale_tax_lineitm_seq	INTEGER	NO	Sequence number within the table to keep the sale tax line item record ordered and unique.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_SALE_TAX_LINEITM (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

trl_sale_tax_lineitm_p Relationships

Parent Entity	Child Entity	Type
trl_sale_tax_lineitm	trl_sale_tax_lineitm_p	Identifying

trl_tax_lineitm

Contains the tax amounts applicable to the specific transaction line item.

trl_tax_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	tax_rule_seq_nbr	INTEGER	YES	A sequential number for the tax rule, denoting the order of creation of the rules.
	tax_group_id	VARCHAR (60)	YES	A unique retailer assigned identifier for the tax group.
	taxable_amt	NUMERIC (17,6)	YES	The taxable amount of the item being sold.
	tax_amt	NUMERIC (17,6)	YES	The amount of tax applied by this line item.
	tax_override_flag	BIT	YES	True if the tax has been overridden by the user.
	tax_override_amt	NUMERIC (17,6)	YES	The tax amount as overridden by the user.
	tax_override_percentage	NUMERIC (10,8)	YES	The tax percentage as overridden by the user.
	tax_override_reascode	VARCHAR (30)	YES	The reason for the tax override.
	tax_loc_id	VARCHAR (60)	NO	Unique identifier of a tax location.
	raw_tax_percentage	NUMERIC (8,6)	YES	The unrounded tax percent.
	raw_tax_amount	NUMERIC (17,6)	YES	The unrounded tax amount.
	tax_percentage	NUMERIC (12,6)	YES	The tax percentage.
	authority_id	VARCHAR (60)	YES	Taxware specific. The identifier for the tax authority.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	authority_name	VARCHAR (254)	YES	Taxware specific. The name of the authority.
	authority_type_code	VARCHAR (60)	YES	Taxware specific. The type of authority.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_tax_lineitm Relationships

Parent Entity	Child Entity	Type
trl_rtrans_lineitm	trl_tax_lineitm	Identifying
tax_tax_group	trl_tax_lineitm	Non-Identifying
tax_tax_loc	trl_tax_lineitm	Non-Identifying

trl_voucher_discount_lineitm

Contains line item discount information for a voucher that is being redeemed as a discount on a transaction, such as a coupon voucher being redeemed.

trl_voucher_discount_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	voucher_typcode	VARCHAR (30)	YES	The code for the voucher type. For example, GIFT_CERTIFICATE, GIFT_CARD, etc.
	auth_mthd_code	VARCHAR (30)	YES	A code that signifies the authorization method. For example, checks may be authorized by either a third party or by validation against the customer's driving license.
	track1	VARCHAR (254)	YES	The track one data from the voucher.
	track2	VARCHAR (254)	YES	The track two data from the voucher (if applicable.)
	track3	VARCHAR (254)	YES	The track three data from the voucher.
	adjudication_code	VARCHAR (30)	YES	A code to denote that approval has been received from the authorization center.
	entry_mthd_code	VARCHAR (30)	YES	Code that denotes the entry method into the system. For example, Keyed, MSR, MICR, Scanned, SmartCard, etc.
	auth_code	VARCHAR (30)	YES	The authorization code for the voucher.
	activity_code	VARCHAR (30)	YES	The voucher activity code for the sale line item. For example, ISSUED, CASHOUT, RELOAD, etc.
	reference_nbr	VARCHAR (254)	YES	The transaction reference number provided by the auth processor.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	effective_date	DATETIME	YES	The date the voucher is ready for service or action.
	expr_date	DATETIME	YES	The date after which the voucher is no longer valid.
	face_value_amt	NUMERIC (17,6)	YES	The original issue amount for the voucher.
	issue_datetime	DATETIME	YES	The date and time the voucher was issued.
	issue_tycode	VARCHAR (30)	YES	The code used to provide information if this voucher was issued as a refund, etc.
	unspent_balance_amt	NUMERIC (17,6)	YES	The remaining (unspent) balance on the voucher.
	voucher_status_code	VARCHAR (30)	YES	A code to indicate the status of the voucher. For example, VOID.
	serial_nbr	VARCHAR (30)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	trace_number	VARCHAR (60)	YES	A processor-assigned number for transaction tracking purposes.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_voucher_discount_lineitm Relationships

Parent Entity	Child Entity	Type
trl_rtrans	trl_voucher_discount_lineitm	Identifying

trl_voucher_sale_lineitm

Contains line item sale information for a voucher that is sold on a transaction; such as a gift card being sold.

trl_voucher_sale_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	serial_nbr	VARCHAR (60)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	voucher_typcode	VARCHAR (30)	YES	The code for the voucher type. For example, GIFT_CERTIFICATE, GIFT_CARD, etc.
	auth_mthd_code	VARCHAR (30)	YES	A code that signifies the authorization method. For example, checks may be authorized by either a third party or by validation against the customer's driving license.
	track1	VARCHAR (254)	YES	The track one data from the voucher.
	track2	VARCHAR (254)	YES	The track two data from the voucher (if applicable.)
	track3	VARCHAR (254)	YES	The track three data from the voucher.
	adjudication_code	VARCHAR (100)	YES	A code to denote that approval has been received from the authorization center.
	entry_mthd_code	VARCHAR (30)	YES	Code that denotes the entry method into the system. For example, Keyed, MSR, MICR, Scanned, SmartCard, etc.
	auth_code	VARCHAR (30)	YES	The authorization code for the voucher.
	activity_code	VARCHAR (30)	YES	The voucher activity code for the sale line item. For example, ISSUED, CASHOUT, RELOAD, etc.
	reference_nbr	VARCHAR (254)	YES	The transaction reference number provided by the auth processor.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	effective_date	DATETIME	YES	The date the voucher is ready for service or action.
	expr_date	DATETIME	YES	The date after which the voucher is no longer valid.
	face_value_amt	NUMERIC (17,6)	YES	The original issue amount for the voucher.
	issue_datetime	DATETIME	YES	The date and time the voucher was issued.
	issue_tycode	VARCHAR (30)	YES	The code used to provide information if this voucher was issued as a refund, etc.
	unspent_balance_amt	NUMERIC (17,6)	YES	The remaining (unspent) balance on the voucher.
	voucher_status_code	VARCHAR (30)	YES	A code to indicate the status of the voucher. For example, VOID.
	trace_number	VARCHAR (60)	YES	A processor-assigned number for transaction tracking purposes.
	orig_local_date_time	VARCHAR (20)	YES	The local date and time of the original authorization transaction.
	orig_transmission_date_time	VARCHAR (20)	YES	The transmission date and time of the original transaction (in GMT).
	orig_stan	VARCHAR (30)	YES	The STAN (System Trace Audit Number) of the original transaction.
	merchant_cat_code	VARCHAR (4)	YES	RapidConnect credit or debit tender line item.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_voucher_sale_lineitm Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_voucher_sale_lineitm	Identifying

trl_warranty_modifier

Contains warranty type information.

trl_warranty_modifier Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	warranty_modifier_seq	INTEGER	NO	A sequential counter used to uniquely identify an instance of a warranty modifier.
	warranty_nbr	VARCHAR (30)	YES	The warranty Id number relating to a specific instance of a warranty plan.
	warranty_typcode	VARCHAR (60)	YES	The code for the type of warranty.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_warranty_modifier Relationships

Parent Entity	Child Entity	Type
trl_sale_lineitm	trl_warranty_modifier	Identifying
trl_warranty_modifier	trl_warranty_modifier_p	Identifying

trl_warranty_modifier_p

Contains property code and value information for table TRL_WARRANTY_MODIFIER.

trl_warranty_modifier_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	warranty_modifier_seq	INTEGER	NO	A sequential counter used to uniquely identify an instance of a warranty modifier.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRL_WARRANTY_MODIFIER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trl_warranty_modifier_p Relationships

Parent Entity	Child Entity	Type
trl_warranty_modifier	trl_warranty_modifier_p	Identifying

Domain: TRN

Transaction, Transaction Notes, Transaction Types

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

trn_generic_lineitm_storage

Contains information pertaining to any customized line item data to be uploaded to the home office via the TLog.

trn_generic_lineitm_storage Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	form_key	VARCHAR (50)	YES	The form that was used to prompt for this data.
	data_storage	VARCHAR (MAX)	YES	The actual data stored for the line item.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_generic_lineitm_storage Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_generic_lineitm_storage	Identifying
trn_generic_lineitm_storage	trn_generic_lineitm_storage_p	Identifying

[trn_generic_lineitm_storage_p](#)

Contains property code and value information for table TRN_GENERIC_LINEITM_STORAGE.

trn_generic_lineitm_storage_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRN_GENERIC_LINEITM_STORAGE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_generic_lineitm_storage_p Relationships

Parent Entity	Child Entity	Type
trn_generic_lineitm_storage	trn_generic_lineitm_storage_p	Identifying

trn_gift_registry_trans

Contains gift registry information.

trn_gift_registry_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	registry_id	BIGINT	YES	A unique identifier for the gift registry.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_gift_registry_trans Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_gift_registry_trans	Identifying
trn_gift_registry_trans	crm_gift_registry_journal	Non-Identifying

trn_no_sale_trans

Contains information about no sale transactions.

trn_no_sale_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	no_sale_reascode	VARCHAR (30)	YES	The key value for the no sale reason code.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_no_sale_trans Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_no_sale_trans	Identifying

[trn_poslog_data](#)

Contains information related to the POSlog entries for each transaction.

trn_poslog_data Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	poslog_data	VARCHAR (MAX)	YES	A copy of the poslog entry (xml) for this transaction.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_poslog_data Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_poslog_data	Identifying
trn_poslog_data	trn_poslog_data_p	Identifying

trn_poslog_data_p

Contains property code and value information for table TRN_POSLOG_DATA.

trn_poslog_data_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRN_POSLOG_DATA (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_poslog_data_p Relationships

Parent Entity	Child Entity	Type
trn_poslog_data	trn_poslog_data_p	Identifying

trn_post_void_trans

Contains information about the voiding of a transaction.

trn_post_void_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	voided rtl_store_id	INTEGER	YES	The Id code of the store where the original transaction took place.
	voided_wkstn_id	BIGINT	YES	The Id code of the work station on which the original transaction took place.
	voided_business_date	DATETIME	YES	The date the void transaction took place.
	voided_trans_id	BIGINT	YES	The transaction Id code of the original transaction that was voided.
	voided_org_id	INTEGER	YES	The organization identifier for the primary group for the original transaction.
	post_void_reascode	VARCHAR (30)	YES	The key value for the post void reason code.
	voided_trans_entry_code	VARCHAR (30)	YES	The method used to void the transaction (KEYED, EJOURNAL).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_post_void_trans Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_post_void_trans	Identifying

trn_raincheck

Contains rain check information.

trn_raincheck Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rain_check_id	VARCHAR (20)	NO	A bar code that identifies the rain check.
	item_id	VARCHAR (60)	YES	The retailer's SKU or unique item identifier for items sold or returned.
	sale_price	DECIMAL (17,6)	YES	The item's price.
	expiration_business_date	DATETIME	YES	The expiration date of the rain check.
	redeemed_flag	BIT	YES	Flag to determine if the rain check is redeemed.
	rtl_loc_id	INTEGER	YES	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_raincheck Relationships

Parent Entity	Child Entity	Type
trn_raincheck	trn_raincheck_p	Non-Identifying
trn_raincheck	trn_raincheck_trans	Non-Identifying

trn_raincheck_p

Contains property code and value information for table TRN_RAINCHECK.

trn_raincheck_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rain_check_id	VARCHAR (20)	NO	A bar code that identifies the rain check.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRN_RAINCHECK (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_raincheck_p Relationships

Parent Entity	Child Entity	Type
trn_raincheck	trn_raincheck_p	Non-Identifying

trn_raincheck_trans

Contains rain check transaction information.

trn_raincheck_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	rain_check_id	VARCHAR (20)	NO	A bar code that identifies the rain check.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_raincheck_trans Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_raincheck_trans	Identifying
trn_raincheck	trn_raincheck_trans	Non-Identifying

trn_receipt_data

Contains receipt information.

trn_receipt_data Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	receipt_id	VARCHAR (60)	NO	A unique identifier for the receipt type (Customer, Paid-In, LAYAWAY_MERCH_TICKET, STORE_BANK_TILL_END_COUNT, etc.).
	receipt_data	IMAGE	YES	The encrypted receipt data.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_receipt_data Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_receipt_data	Identifying
trn_receipt_data	trn_receipt_data_p	Identifying
trn_receipt_data	trn_receipt_lookup	Identifying

trn_receipt_data_p

Contains property code and value information for table TRN_RECEIPT_DATA.

trn_receipt_data_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	receipt_id	VARCHAR (60)	NO	A unique identifier for the receipt type (Customer, Paid-In, LAYAWAY_MERCH_TICKET, STORE_BANK_TILL_END_COUNT, etc.).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRN_RECEIPT_DATA (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_receipt_data_p Relationships

Parent Entity	Child Entity	Type
trn_receipt_data	trn_receipt_data_p	Identifying

trn_receipt_lookup

Contains header record information to facilitate receipt searches.

trn_receipt_lookup Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	receipt_id	VARCHAR (60)	NO	A unique identifier for the receipt type (Customer, Paid-In, CASH_COUNT, etc.).
	receipt_url	VARCHAR (254)	YES	The lookup location url address for the receipt information.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_receipt_lookup Relationships

Parent Entity	Child Entity	Type
trn_receipt_data	trn_receipt_lookup	Identifying
trn_receipt_lookup	trn_receipt_lookup_p	Identifying

trn_receipt_lookup_p

Contains property code and value information for table TRN_RECEIPT_LOOKUP.

trn_receipt_lookup_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	receipt_id	VARCHAR (60)	NO	A unique identifier for the receipt type (Customer, Paid-In, CASH_COUNT, etc.).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRN_RECEIPT_LOOKUP (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_receipt_lookup_p Relationships

Parent Entity	Child Entity	Type
trn_receipt_lookup	trn_receipt_lookup_p	Identifying

trn_trans

Contains a record of business activity that involves a financial and/or merchandise unit exchange or the granting of access to conduct business at a specific device, at a specific point in time, for a specific employee.

trn_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	session rtl_loc_id	INTEGER	YES	The retail location identifier for the session.
	begin_datetime	DATETIME	YES	The time and date a transaction is initiated.
	end_datetime	DATETIME	YES	The time and date a transaction is completed.
	keyed_offline_flag	BIT	YES	If true, indicates this transaction was completed while in offline mode.
	session_id	BIGINT	YES	An identifier for a transient association between an operator and a workstation that must exist to create a retail transaction or financial transaction involving the receipt, disbursement, pickup, or loan of tender. A session is created when an operator signs on to a workstation and is terminated when an operator signs off of a workstation.
	operator_party_id	BIGINT	YES	The party identifier of the operator.
	posted_flag	BIT	YES	If true, transaction information was posted to the home office.
	dtv_class_name	VARCHAR (254)	YES	Metadata column that denotes the java concrete implementation of the record.
	Total	NUMERIC (17,6)	YES	The total amount recorded for the transaction.
	Taxtotal	NUMERIC (17,6)	YES	The total tax amount recorded for the transaction.
	Roundtotal	NUMERIC (17,6)	YES	Used to persist amount lost or gained due to currency-imposed rounding.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	Subtotal	NUMERIC (17,6)	YES	The amount recorded for the transaction before tax.
	trans_cancel_reascode	VARCHAR (30)	YES	The key value for the cancel reason code
	trans_typcode	VARCHAR (30)	YES	A code representing the type of a transaction. ACCOUNT_LOOKUP, BALANCE_INQUIRY, BANKDEPOSIT, CREDIT_APPLICATION, ESCROW, EXCHANGE_RATE, GENERIC, INVENTORY_CONTROL, INVENTORY_SUMMARY_COUNT, MOVEMENT_PENDING, NO_SALE, POST_VOID, PRICE_CHANGE, RETAIL_SALE, SESSION_CONTROL, SYSTEM_CLOSE, SYSTEM_OPEN, TENDER_CONTROL, TENDER_EXCHANGE, TILL_CONTROL, TIMECLOCK, TRAINING_MODE_ENTRY, TRAINING_MODE_EXIT, WARRANTY_SERVICE, WORKSTATION_CLOSE, WORKSTATION_COMPLETE_Rem_CLOSE, WORKSTATION_OPEN, WORKSTATION_START_Rem_CLOSE
	trans_statcode	VARCHAR (30)	YES	A code representing the status of a transaction. Valid Values include CANCEL, CANCEL_ORPHANED, COMPLETE, NEW, RESUME, SUSPEND, and VOID.
	post_void_flag	BIT	YES	If true, transaction information was voided.
	generic_storage_flag	BIT	YES	If true, indicates this transaction information will be stored in the generic storage table.
	begin_time_int	INTEGER	YES	Integer format for the begin time (Numeric form).
	cash_drawer_id	VARCHAR (60)	YES	The unique identifier for the cash drawer.
	flash_sales_flag	BIT	YES	This flag is used to ensure integrity of data for flash sales reporting by avoiding the introduction of duplicate records. When a transaction record is initially created, this value is set to false. When the record is uploaded to the central register or reporting system, this value is then set to true. This value should not be changed by the user.
	fiscal_number	VARCHAR (10)	YES	Allow for the storage of and search for fiscal receipt/invoice numbers.
	trans_date	DATETIME	YES	The date when the transaction is done, relative to GMT so as to be consistent across time zones.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

trn_trans Relationships

Parent Entity	Child Entity	Type
loc_wkstn	trn_trans	Identifying
crm_party	trn_trans	Non-Identifying
loc rtl loc	trn_trans	Non-Identifying
trn_trans	civc_invoice_xref	Identifying
trn_trans	crpt_daily_header	Identifying
trn_trans	inv_invctl_trans	Identifying
trn_trans	inv_mptrans_lineitm	Identifying
trn_trans	thr_timeclk_trans	Identifying
trn_trans	trl_rtrans	Identifying
trn_trans	trn_generic_lineitm_storage	Identifying
trn_trans	trn_gift_registry_trans	Identifying
trn_trans	trn_no_sale_trans	Identifying
trn_trans	trn_poslog_data	Identifying
trn_trans	trn_post_void_trans	Identifying
trn_trans	trn_raincheck_trans	Identifying
trn_trans	trn_receipt_data	Identifying
trn_trans	trn_trans_link	Identifying
trn_trans	trn_trans_notes	Identifying
trn_trans	trn_trans_p	Identifying
trn_trans	trn_trans_version	Identifying
trn_trans	tsn_session_control_trans	Identifying
trn_trans	tsn_till_control_trans	Identifying

Parent Entity	Child Entity	Type
trn_trans	tsn_tndr_control_trans	Identifying
trn_trans	tsn_xrtrans_lineitm	Identifying
trn_trans	cat_cust_acct_journal	Non-Identifying
trn_trans	cat_escrow_acct_activity	Non-Identifying

trn_trans_link

Contains the associative identifiers from one retail transaction to another.

trn_trans_link Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	link_rtl_loc_id	INTEGER	NO	Original transaction retail location identifier.
X	link_business_date	DATETIME	NO	Business date of the original transaction.
X	link_wkstn_id	BIGINT	NO	Workstation identifier for the original transaction.
X	link_trans_seq	BIGINT	NO	Original transaction sequence number.
	link_typcode	VARCHAR (30)	YES	A code denoting the type of linking transaction. For example, RESUME_TRANSACTION
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_trans_link Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_trans_link	Identifying
trn_trans_link	trn_trans_link_p	Identifying

trn_trans_link_p

Contains property code and value information for table TRN_TRANS_LINK.

trn_trans_link_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	link rtl_loc_id	INTEGER	NO	Original transaction retail location identifier.
X	link_business_date	DATETIME	NO	Business date of the original transaction.
X	link_wkstn_id	BIGINT	NO	Workstation identifier for the original transaction.
X	link_trans_seq	BIGINT	NO	Original transaction sequence number.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRN_TRANS_LINK (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

trn_trans_link_p Relationships

Parent Entity	Child Entity	Type
trn_trans_link	trn_trans_link_p	Identifying

trn_trans_notes

Contains narrative text comments about a transaction.

trn_trans_notes Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	note_seq	INTEGER	NO	The sequence number of the note.
	note_datetime	DATETIME	YES	When the note was created.
	posted_flag	BIT	YES	If true, transaction notes information was posted to the home office.
	note	VARCHAR (MAX)	YES	The text of the note.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_trans_notes Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_trans_notes	Identifying
trn_trans_notes	trn_trans_notes_p	Identifying

trn_trans_notes_p

Contains property code and value information for table TRN_TRANS_NOTES.

trn_trans_notes_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	note_seq	INTEGER	NO	The sequence number of the note.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRN_TRANS_NOTES (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_trans_notes_p Relationships

Parent Entity	Child Entity	Type
trn_trans_notes	trn_trans_notes_p	Identifying

trn_trans_p

Contains property code and value information for a transaction.

trn_trans_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with the transaction (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record: One of [STRING, DATE, BIGDECIMAL, BOOLEAN]
	string_value	VARCHAR (MAX)	YES	Required, when the Type is STRING.
	date_value	DATETIME	YES	Required, when the Type is DATE.
	decimal_value	NUMERIC (17,6)	YES	Required, when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_trans_p Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_trans_p	Identifying

trn_trans_version

Used to track the version information for each transaction that is rung.

trn_trans_version Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	base_app_version	VARCHAR (30)	YES	The version of the base application.
	base_app_date	DATETIME	YES	The date the base application was changed.
	base_schema_version	VARCHAR (30)	YES	The version of the base schema.
	base_schema_date	DATETIME	YES	The date the base schema (table structure) was changed.
	customer_app_version	VARCHAR (30)	YES	The version of the customer application.
	customer_app_date	DATETIME	YES	The date the customer application was changed.
	customer_schema_version	VARCHAR (30)	YES	The version of the customer schema.
	customer_schema_date	DATETIME	YES	The date the customer schema (table structure) was changed.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_trans_version Relationships

Parent Entity	Child Entity	Type
trn_trans	trn_trans_version	Identifying
trn_trans_version	trn_trans_version_p	Identifying

[trn_trans_version_p](#)

Contains property code and value information for table TRN_TRANS_VERSION.

trn_trans_version_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TRN_TRANS_VERSION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

trn_trans_version_p Relationships

Parent Entity	Child Entity	Type
trn_trans_version	trn_trans_version_p	Identifying

Domain: TSN

Session Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

tsn_serialized_tndr_count

Contains serialized tender type information captured as part of the tendering process.

tsn_serialized_tndr_count Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	tndr_typcode	VARCHAR (30)	NO	A code denoting a group of tenders with common characteristics. For example, credit cards, vouchers, etc.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	serialized_tndr_count_seq	INTEGER	NO	The order in which serialized tenders within a transaction were counted.
	tndr_id	VARCHAR (60)	YES	A code which uniquely identifies the type of tender. For example, Check, MasterCard, VISA, etc.
	serial_number	VARCHAR (60)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	amt	NUMERIC (17,6)	YES	The monetary amount for the serialized tender counted.
	difference_amt	NUMERIC (17,6)	YES	The amount difference between the expected and actual amounts.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_serialized_tndr_count Relationships

Parent Entity	Child Entity	Type
tsn_tndr_typcode_count	tsn_serialized_tndr_count	Identifying
tsn_serialized_tndr_count	tsn_serialized_tndr_count_p	Identifying

[tsn_serialized_tndr_count_p](#)

Contains property code and value information for table TSN_SERIALIZED_TNDR_COUNT.

tsn_serialized_tndr_count_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	tndr_typcode	VARCHAR (30)	NO	A code denoting a group of tenders with common characteristics. For example, credit cards, vouchers, etc.
X	serialized_tndr_count_seq	INTEGER	NO	The order in which serialized tenders within a transaction were counted.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_SERIALIZED_TNDR_COUNT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

tsn_serialized_tndr_count_p Relationships

Parent Entity	Child Entity	Type
tsn_serialized_tndr_count	tsn_serialized_tndr_count_p	Identifying

tsn_session

Contains information about a transient association between an operator and a workstation that must exist to enable the creation of a retail transaction, or financial transaction, that involves the receipt, disbursement, pick up, or loan of tender. A session is created when an operator signs on to a workstation and is terminated when an operator signs off of a workstation. This entity exists to support tender reconciliation and accountability at an operator level.

tsn_session Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	session_id	BIGINT	NO	An identifier for a transient association between an operator and a workstation that must exist to create a retail transaction or financial transaction involving the receipt, disbursement, pickup, or loan of tender. A session is created when an operator signs on to a workstation and is terminated when an operator signs off of a workstation.
	tndr_repository_id	VARCHAR (60)	YES	The unique identifier for the tender repository. For example, Till 001, StoreBank, etc.
	employee_party_id	BIGINT	YES	A unique, automatically assigned identity for an employee party.
	begin_datetime	DATETIME	YES	The time and date at the start of the session.
	end_datetime	DATETIME	YES	The time and date at the end of the session.
	business_date	DATETIME	YES	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
	statcode	VARCHAR (30)	YES	The status code of the session. For example, BGCOUNT (for beginning count), ASSIGNED, RECONCILED.
	cash_drawer_id	VARCHAR(60)	YES	The unique identifier for the cash drawer.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_session Relationships

Parent Entity	Child Entity	Type
tsn_tndr_repository	tsn_session	Non-Identifying
tsn_session	tsn_session_p	Identifying
tsn_session	tsn_session_tndr	Identifying
tsn_session	tsn_session_wkstn	Identifying
tsn_session	tsn_tndr_control_trans	Non-Identifying
tsn_session	tsn_tndr_control_trans	Non-Identifying

tsn_session_control_trans

Contains information about non-sale activity, such as logons, logoffs, cash drawer opens etc. for a session.

tsn_session_control_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	typcode	VARCHAR (30)	YES	A unique code for a type of session control transaction. For example, ASSIGN_DRAWER, ATTACH_DRAWER.
	session_wkstn_seq	INTEGER	YES	The workstation sequence number for the session.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_session_control_trans Relationships

Parent Entity	Child Entity	Type
trn_trans	tsn_session_control_trans	Identifying

tsn_session_p

Contains property code and value information for table TSN_SESSION.

tsn_session_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	session_id	BIGINT	NO	An identifier for a transient association between an operator and a workstation that must exist to create a retail transaction or financial transaction involving the receipt, disbursement, pickup, or loan of tender. A session is created when an operator signs on to a workstation and is terminated when an operator signs off of a workstation.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_SESSION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_session_p Relationships

Parent Entity	Child Entity	Type

Parent Entity	Child Entity	Type
tsn_session	tsn_session_p	Identifying

tsn_session_tndr

Contains a collection of tender-type accumulators by operator-workstation-session for a tender reconciliation period. This entity is used to support operator-workstation-session tender accountability.

tsn_session_tndr Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, Check, MasterCard, VISA, etc.
X	session_id	BIGINT	NO	An identifier for a transient association between an operator and a workstation that must exist to create a retail transaction or financial transaction involving the receipt, disbursement, pickup, or loan of tender. A session is created when an operator signs on to a workstation and is terminated when an operator signs off of a workstation.
	actual_media_count	INTEGER	YES	The total number of tender units by session.
	actual_media_amt	NUMERIC (17,6)	YES	The total monetary amount of tenders by session.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_session_tndr Relationships

Parent Entity	Child Entity	Type
tsn_session	tsn_session_tndr	Identifying
tsn_session_tndr	tsn_session_tndr_p	Identifying

tsn_session_tndr_p

Contains property code and value information for table TSN_SESSION_TNDR.

tsn_session_tndr_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, Check, MasterCard, VISA, etc.
X	session_id	BIGINT	NO	An identifier for a transient association between an operator and a workstation that must exist to create a retail transaction or financial transaction involving the receipt, disbursement, pickup, or loan of tender. A session is created when an operator signs on to a workstation and is terminated when an operator signs off of a workstation.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_SESSION_TNDR (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_session_tndr_p Relationships

Parent Entity	Child Entity	Type
tsn_session_tndr	tsn_session_tndr_p	Identifying

tsn_session_wkstn

Contains workstation information by session.

tsn_session_wkstn Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	session_id	BIGINT	NO	An identifier for a transient association between an operator and a workstation that must exist to create a retail transaction or financial transaction involving the receipt, disbursement, pickup, or loan of tender. A session is created when an operator signs on to a workstation and is terminated when an operator signs off of a workstation.
X	session_wkstn_seq	INTEGER	NO	The sequence number of the workstation session.
	wkstn_id	BIGINT	YES	The unique identifier for the workstation.
	cash_drawer_id	VARCHAR (60)	YES	The unique identifier for the cash drawer.
	begin_datetime	DATETIME	YES	The time and date at the start of the session.
	end_datetime	DATETIME	YES	The time and date at the end of the session.
	attached_flag	BIT	NO	If true, indicates the till is attached to a register.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_session_wkstn Relationships

Parent Entity	Child Entity	Type
tsn_session	tsn_session_wkstn	Identifying
loc_wkstn	tsn_session_wkstn	Non-Identifying
tsn_session_wkstn	tsn_session_wkstn_p	Identifying

tsn_session_wkstn_p

Contains property code and value information for table TSN_SESSION_WKSTN.

tsn_session_wkstn_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	session_id	BIGINT	NO	An identifier for a transient association between an operator and a workstation that must exist to create a retail transaction or financial transaction involving the receipt, disbursement, pickup, or loan of tender. A session is created when an operator signs on to a workstation and is terminated when an operator signs off of a workstation.
X	session_wkstn_seq	INTEGER	NO	The sequence number of the workstation session.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_SESSION_WKSTN (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_session_wkstn_p Relationships

Parent Entity	Child Entity	Type
tsn_session_wkstn	tsn_session_wkstn_p	Identifying

tsn_till_control_trans

Contains till control transaction information for default float amount changes.

tsn_till_control_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	typcode	VARCHAR (30)	YES	A unique code for a type of till control transaction.
	employee_id	VARCHAR (60)	YES	A unique, non-significant number used to identify a store employee.
	reason_code	VARCHAR (30)	YES	A code denoting the reason for the till control transaction.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_till_control_trans Relationships

Parent Entity	Child Entity	Type
trn_trans	tsn_till_control_trans	Identifying
tsn_till_control_trans	tsn_till_ctrl_trans_detail	Identifying

tsn_till_ctrl_trans_detail

Contains till control transaction information for default float amount changes for each till and amount.

tsn_till_ctrl_trans_detail Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	trans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this till control transaction.
	affected_tndr_repository_id	VARCHAR (60)	YES	The identifier for the tender repository (till) affected by the float amount change.
	affected_wkstn_id	BIGINT	YES	The identifier for the work station affected by the float amount change.
	old_amount	NUMERIC (17,6)	YES	The original float amount.
	new_amount	NUMERIC (17,6)	YES	The new, updated float amount.
	currency_id	VARCHAR (3)	YES	The three-letter ISO currency code. For example, USD, EUR, etc. A list of currency codes can be found at: http://www.oanda.com/site/help/iso_bc.shtml
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_till_ctrl_trans_detail Relationships

Parent Entity	Child Entity	Type
tsn_till_control_trans	tsn_till_ctrl_trans_detail	Identifying
loc_wkstn	tsn_till_ctrl_trans_detail	Non-Identifying
tsn_tndr_repository	tsn_till_ctrl_trans_detail	Non-Identifying
tsn_till_ctrl_trans_detail	tsn_till_ctrl_trans_detail_p	Identifying

[tsn_till_ctrl_trans_detail_p](#)

Contains property code and value information for table TSN_TILL_CTRL_TRANS_DETAIL.

tsn_till_ctrl_trans_detail_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	trans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this till control transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_TILL_CTRL_TRANS_DETAIL (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_till_ctrl_trans_detail_p Relationships

Parent Entity	Child Entity	Type
tsn_till_ctrl_trans_detail	tsn_till_ctrl_trans_detail_p	Identifying

tsn_tndr_control_trans

Contains information about the physical movement of tender from one tender repository to another.

tsn_tndr_control_trans Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	amt	NUMERIC (17,6)	YES	The monetary amount of the financial accounting transaction.
	reascode	VARCHAR (30)	YES	A code denoting why this tender control transaction was performed.
	typcode	VARCHAR (30)	YES	A unique code for a type of tender control transaction. Valid Values include ASSIGN_TILL_STARTING_CASH, ASSOCIATE_ADVANCE, BANKDEPOSIT, BGCOUNT, CASH_PICKUP, DEPOSIT_VERIFICATION, ENDCOUNT, MIDCOUNT, PAIDIN, PAIDOUT, RECONCILE, TENDER_EXCHANGE, and TILL_AUDIT.
	funds_receipt_party_id	BIGINT	YES	The identifier for the party receiving the funds. For example, an associate cash advance.
	outbound_session_id	BIGINT	YES	The unique identifier for the outbound session.
	inbound_session_id	BIGINT	YES	The unique identifier for the inbound session.
	outbound_tndr_repository_id	VARCHAR (60)	YES	The unique identifier for the outbound tender repository.
	inbound_tndr_repository_id	VARCHAR (60)	YES	The unique identifier for the inbound tender repository.
	deposit_date	DATETIME	YES	The date and time of the deposit.
	safe_bag_id	VARCHAR(60)	YES	barcode value for safe bag id
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_control_trans Relationships

Parent Entity	Child Entity	Type
trn_trans	tsn_tndr_control_trans	Identifying
tsn_session	tsn_tndr_control_trans	Non-Identifying
tsn_session	tsn_tndr_control_trans	Non-Identifying
tsn_tndr_repository	tsn_tndr_control_trans	Non-Identifying
tsn_tndr_repository	tsn_tndr_control_trans	Non-Identifying
tsn_tndr_control_trans	tsn_tndr_typcode_count	Identifying

tsn_tndr_denomination_count

Contains information about the quantitative value of the referenced currency media.

tsn_tndr_denomination_count Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	tndr_typcode	VARCHAR (30)	NO	A code denoting a group of tenders with common characteristics. For example, credit cards, vouchers, etc.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, Check, MasterCard, VISA, etc.
X	denomination_id	VARCHAR (60)	NO	An identifier which uniquely identifies the quantitative value of a specific currency. Examples include \$100, £50, etc.
	amt	NUMERIC (17,6)	YES	The monetary amount of the media unit counted.
	media_count	INTEGER	YES	The counted quantity of the media unit.
	difference_amt	NUMERIC (17,6)	YES	The monetary amount difference between the expected and actual amounts.
	difference_media_count	INTEGER	YES	The quantitative difference between the expected and actual media unit counts.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_denomination_count Relationships

Parent Entity	Child Entity	Type
tsn_tndr_tndr_count	tsn_tndr_denomination_count	Identifying
tsn_tndr_denomination_count	tsn_tndr_denomination_count_p	Identifying

tsn_tndr_denomination_count_p

Contains property code and value information for table TSN_TNDR_DENOMINATION_COUNT.

tsn_tndr_denomination_count_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	tndr_typcode	VARCHAR (30)	NO	A code denoting a group of tenders with common characteristics. For example, credit cards, vouchers, etc.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, Check, MasterCard, VISA, etc.
X	denomination_id	VARCHAR (60)	NO	An identifier which uniquely identifies the quantitative value of a specific currency. Examples include \$100, £50, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_TNDR_DENOMINATION_COUNT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_denomination_count_p Relationships

Parent Entity	Child Entity	Type
tsn_tndr_denomination_count	tsn_tndr_denomination_count_p	Identifying

tsn_tndr_repository

Contains information about the types of physical tender containers used in a retail store. Tender repository generally includes assets, such as store safe(s), tills, etc.

tsn_tndr_repository Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	tndr_repository_id	VARCHAR (60)	NO	The unique identifier for the tender repository. For example, Till 001, StoreBank, etc.
	typcode	VARCHAR (30)	YES	A code to denote the type of tender repository. For example, Till, Store Bank, Bank, etc.
	not_issuable_flag	BIT	NO	If true, till cannot be issued.
	name	VARCHAR (254)	YES	The name for the tender repository. For example, Store Bank, FifthThirdBank, Till 1, etc.
	description	VARCHAR (254)	YES	The text description of the tender repository.
	dflt_wkstn_id	BIGINT	YES	The default workstation identifier for a till/tender repository.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_repository Relationships

Parent Entity	Child Entity	Type
loc rtl loc	tsn_tndr_repository	Identifying
tsn_tndr_repository	tsn_tndr_repository_float	Identifying
tsn_tndr_repository	tsn_tndr_repository_p	Identifying
tsn_tndr_repository	tsn_tndr_repository_status	Identifying
tsn_tndr_repository	tsn_session	Non-Identifying
tsn_tndr_repository	tsn_till_ctrl_trans_detail	Non-Identifying
tsn_tndr_repository	tsn_tndr_control_trans	Non-Identifying
tsn_tndr_repository	tsn_tndr_control_trans	Non-Identifying

tsn_tndr_repository_float

Extends the tsn_tndr_repository to allow for multiple currencies.

tsn_tndr_repository_float Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	tndr_repository_id	VARCHAR (60)	NO	The unique identifier for the tender repository. For example, Till 001, StoreBank, etc.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	currency_id	VARCHAR (3)	NO	The three-letter ISO currency code. For example, USD, EUR, etc. A list of currency codes can be found at: http://www.oanda.com/site/help/iso_bc.shtml
	default_cash_float	DECIMAL (17,6)	YES	The default value for the balance of cash.
	last_closing_amount	DECIMAL (17,6)	YES	The amount of cash remaining in the tender repository when the tender repository was closed.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_repository_float Relationships

Parent Entity	Child Entity	Type
tsn_tndr_repository	tsn_tndr_repository_float	Identifying
tsn_tndr_repository_float	tsn_tndr_repository_float_p	Identifying

tsn_tndr_repository_float_p

Contains property code and value information for table TSN_TNDR_REPOSITORY_FLOAT.

tsn_tndr_repository_float_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	tndr_repository_id	VARCHAR (60)	NO	The unique identifier for the tender repository. For example, Till 001, StoreBank, etc.
X	currency_id	VARCHAR (3)	NO	The three-letter ISO currency code. For example, USD, EUR, etc. A list of currency codes can be found at: http://www.oanda.com/site/help/iso_bc.shtml
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_TNDR_REPOSITORY_FLOAT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_repository_float_p Relationships

Parent Entity	Child Entity	Type
tsn_tndr_repository_float	tsn_tndr_repository_float_p	Identifying

tsn_tndr_repository_p

Contains property code and value information for table TSN_TNDR_REPOSITORY.

tsn_tndr_repository_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	tndr_repository_id	VARCHAR (60)	NO	The unique identifier for the tender repository. For example, Till 001, StoreBank, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_TNDR_REPOSITORY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_repository_p Relationships

Parent Entity	Child Entity	Type
tsn_tndr_repository	tsn_tndr_repository_p	Identifying

[**tsn_tndr_repository_status**](#)

Contains the status data for tender repository entries.

tsn_tndr_repository_status Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	tndr_repository_id	VARCHAR (60)	NO	The unique identifier for the tender repository. For example, Till 001, StoreBank, etc.
	issued_flag	BIT	NO	If true, the till has been issued to an employee.
	active_session_id	BIGINT	YES	Identifies the session the till currently represents. This is set when the till is issued to an employee and nulled when the till is returned.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_repository_status Relationships

Parent Entity	Child Entity	Type
tsn_tndr_repository	tsn_tndr_repository_status	Identifying
tsn_tndr_repository_status	tsn_tndr_repository_status_p	Identifying

tsn_tndr_repository_status_p

Contains property code and value information for table TSN_TNDR_REPOSITORY_STATUS.

tsn_tndr_repository_status_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	tndr_repository_id	VARCHAR (60)	NO	The unique identifier for the tender repository. For example, Till 001, StoreBank, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_TNDR_REPOSITORY_STATUS (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_repository_status_p Relationships

Parent Entity	Child Entity	Type
tsn_tndr_repository_status	tsn_tndr_repository_status_p	Identifying

tsn_tndr_tndr_count

Contains count information for the quantity and value of a specific tender.

tsn_tndr_tndr_count Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	tndr_typcode	VARCHAR (30)	NO	A code denoting a group of tenders with common characteristics. For example, credit cards, vouchers, etc.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, Check, MasterCard, VISA, etc.
	amt	NUMERIC (17,6)	YES	The monetary amount of the tender type counted.
	media_count	INTEGER	YES	The counted quantity of the media unit.
	difference_amt	NUMERIC (17,6)	YES	The monetary amount difference between the expected and actual amounts.
	difference_media_count	INTEGER	YES	The quantitative difference between the expected and actual media unit counts.
	deposit_amt	NUMERIC (17,6)	YES	When a till is closed, this is the amount of CASH to be deposited into the bank - used for reporting.
	local_currency_amt	NUMERIC (17,6)	YES	Local currency amount.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_tndr_count Relationships

Parent Entity	Child Entity	Type
tsn_tndr_typcode_count	tsn_tndr_tndr_count	Identifying
tsn_tndr_tndr_count	tsn_tndr_denomination_count	Identifying
tsn_tndr_tndr_count	tsn_tndr_tndr_count_p	Identifying

tsn_tndr_tndr_count_p

Contains property code and value information for table TSN_TNDR_TNDR_COUNT.

tsn_tndr_tndr_count_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	tndr_typcode	VARCHAR (30)	NO	A code denoting a group of tenders with common characteristics. For example, credit cards, vouchers, etc.
X	tndr_id	VARCHAR (60)	NO	A code which uniquely identifies the type of tender. For example, Check, MasterCard, VISA, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_TNDR_TNDR_COUNT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_tndr_count_p Relationships

Parent Entity	Child Entity	Type
tsn_tndr_tndr_count	tsn_tndr_tndr_count_p	Identifying

tsn_tndr_typcode_count

Contains count information for the quantity and value of a specific tender type.

tsn_tndr_typcode_count Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	tndr_typcode	VARCHAR (30)	NO	A code denoting a group of tenders with common characteristics. For example, credit cards, vouchers, etc.
	amt	NUMERIC (17,6)	YES	The monetary amount of the tender type counted.
	media_count	INTEGER	YES	The count of the media/denomination type. For example, number of checks, number of \$50 bills, etc.
	difference_amt	NUMERIC (17,6)	YES	The monetary amount difference between the expected and actual amounts.
	difference_media_count	INTEGER	YES	The quantitative difference between the expected and actual media unit counts.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_typcode_count Relationships

Parent Entity	Child Entity	Type
tsn_tndr_control_trans	tsn_tndr_typcode_count	Identifying
tsn_tndr_typcode_count	tsn_serialized_tndr_count	Identifying
tsn_tndr_typcode_count	tsn_tndr_tndr_count	Identifying
tsn_tndr_typcode_count	tsn_tndr_typcode_count_p	Identifying

tsn_tndr_typcode_count_p

Contains property code and value information for table TSN_TNDR_TYPCODE_COUNT.

tsn_tndr_typcode_count_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	tndr_typcode	VARCHAR (30)	NO	A code denoting a group of tenders with common characteristics. For example, credit cards, vouchers, etc.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_TNDR_TYPCODE_COUNT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_tndr_typcode_count_p Relationships

Parent Entity	Child Entity	Type
tsn_tndr_typcode_count	tsn_tndr_typcode_count_p	Identifying

tsn_xrtrans_lineitm

Contains exchange rate transaction line item records.

tsn_xrtrans_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	line_seq	INTEGER	NO	A sequence number denoting the order in which exchange rate records were created for this pairing of currencies.
	base_currency	VARCHAR (3)	YES	The code for the store's local/home currency.
	target_currency	VARCHAR (3)	YES	The code for the non-local currency used in the exchange of tenders.
	old_rate	NUMERIC (17,6)	YES	The old exchange rate.
	new_rate	NUMERIC (17,6)	YES	The new exchange rate.
	notes	VARCHAR (254)	YES	Text entered by the user.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_xrtrans_lineitm Relationships

Parent Entity	Child Entity	Type
trn_trans	tsn_xrtrans_lineitm	Identifying
tsn_xrtrans_lineitm	tsn_xrtrans_lineitm_p	Identifying

[tsn_xrtrans_lineitm_p](#)

Contains property code and value information for table TSN_XRTRANS_LINEITM.

tsn_xrtrans_lineitm_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	line_seq	INTEGER	NO	A sequence number denoting the order in which exchange rate records were created for this pairing of currencies.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TSN_XRTRANS_LINEITM (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

tsn_xrtrans_lineitm_p Relationships

Parent Entity	Child Entity	Type
tsn_xrtrans_lineitm	tsn_xrtrans_lineitm_p	Identifying

Domain: TTR

Transaction Tender Lines, Voucher, A/R Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

ttr_acct_credit_tndr_lineitm

Contains tender line item type information for customer credit accounts.

ttr_acct_credit_tndr_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	The calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	cust_acct_id	VARCHAR (60)	YES	A unique identifier for a customer account. Must be unique within the Customer Account Code.
	cust_acct_code	VARCHAR (30)	YES	An identifier for a type of customer account. Valid Values include ACCOUNTS_RECEIVABLE, CREDIT_PAYMENT, LAYAWAY, LOYALTY, SEND_SALE, SPECIAL_ORDER, and WORK_ORDER.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_acct_credit_tndr_lineitm Relationships

Parent Entity	Child Entity	Type
ttr_tndr_lineitm	ttr_acct_credit_tndr_lineitm	Identifying
cat_cust_acct	ttr_acct_credit_tndr_lineitm	Non-Identifying

ttr_ar_tndr_lineitm

Contains tender line item sub-class information to support Account Receivable accounts used as tender.

ttr_ar_tndr_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	The calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	acct_nbr	VARCHAR (60)	YES	The unique identifier for the Accounts Receivable account.
	party_id	BIGINT	YES	A unique, automatically assigned identity for a party.
	acct_user_name	VARCHAR (254)	YES	The name of the account user performing the activity.
	approval_code	VARCHAR (30)	YES	A code to denote that approval has been received from the authorization center.
	po_number	VARCHAR (254)	YES	The purchase order number for the AR account tender line item.
	adjudication_code	VARCHAR (30)	YES	A code indicating the result of a request to authorize the use of tender to settle a transaction.
	auth_mthd_code	VARCHAR (30)	YES	A code to denote the authorization method. For example, MANUAL, DAS, FLOOR_ONLINE
	activity_code	VARCHAR (30)	YES	The AR activity code for the tender line item.
	entry_mthd_code	VARCHAR (30)	YES	Code that denotes the entry method into the system. For example, Keyed, MSR, MICR, Scanned, SmartCard, etc.
	auth_code	VARCHAR (30)	YES	The authorization code for the AR.
	acct_user_id	VARCHAR (30)	YES	Used to track the authorized buyer id.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_ar_tndr_lineitm Relationships

Parent Entity	Child Entity	Type
ttr_tndr_lineitm	ttr_ar_tndr_lineitm	Identifying
crm_party	ttr_ar_tndr_lineitm	Non-Identifying

ttr_check_tndr_lineitm

Contains tender line item type information for checks.

ttr_check_tndr_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	bank_id	VARCHAR (254)	YES	The unique identifier of the bank or third party authorization center from the check.
	check_acct_nbr	VARCHAR (254)	YES	The checking account number of the check tendered. Retaining a check history by customer provides the retail store with a means of tender authorization.
	check_seq_nbr	VARCHAR (254)	YES	A unique sequence number relating to a particular check authorization.
	adjudication_code	VARCHAR (30)	YES	A code to denote that approval has been received from the authorization center.
	cust_birth_date	DATETIME	YES	The customer's date of birth captured as part of the personal data required to verify identity and authorize use of a check to pay for a purchase.
	auth_nbr	VARCHAR (254)	YES	The authorization number for the check tendered.
	entry_mthd_code	VARCHAR (30)	YES	Code that denotes the entry method into the system. For example, Keyed, MSR, MICR, Scanned, SmartCard, etc.
	auth_mthd_code	VARCHAR (30)	YES	A code to denote the authorization method (MANUAL, DAS, or FLOOR_ONLINE).
	micr	VARCHAR (254)	YES	The Magnetic Ink Character Recognition information found on the bottom of checks (usually containing the check number, sort number, and account number).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_check_tndr_lineitm Relationships

Parent Entity	Child Entity	Type
ttr_tndr_lineitm	ttr_check_tndr_lineitm	Identifying

ttr_coupon_tndr_lineitm

Contains tender line item type information for coupons (processed as tender).

ttr_coupon_tndr_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	manufacturer_id	VARCHAR (254)	YES	A unique identifier to denote the item manufacturer from the coupon.
	manufacturer_family_code	VARCHAR (254)	YES	The UPC designated three digit coupon family code for the manufacturer item from the coupon.
	typcode	VARCHAR (30)	YES	A code which uniquely identifies the type of coupon tender (COUPON).
	scan_code	VARCHAR (30)	YES	The barcode on a store or manufacturer coupon. The coupon scan code comprises two parts: the first is a fixed 12 character code that contains the manufacturer identification, family code, and coupon value, the second is based on Code 128 and comprises up to 20 characters. This supplementary code comprises the manufacturers number system character, the offer code, and end of offer code. The supplementary was introduced as a guideline in 1997.
	expr_date	DATETIME	YES	The date after which a coupon may no longer be used as part of the settlement of a sale transaction.
	promotion_code	VARCHAR (30)	YES	Identifies a promotion associated with the coupon. Promotion codes are used by manufacturers and suppliers to analyze the impact their promotion is having on sales across a geographic area and over a specified period of time.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	key_entered_flag	BIT	YES	Not used.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_coupon_tndr_lineitm Relationships

Parent Entity	Child Entity	Type
ttr_tndr_lineitm	ttr_coupon_tndr_lineitm	Identifying

ttr_credit_debit_tndr_lineitm

Contains tender line item type information for credit and debit cards.

ttr_credit_debit_tndr_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	mediaissuer_id	VARCHAR (254)	YES	The identifying number of the bank, credit union, financial services firm or other third party issuing the debit/credit card used in the transaction.
	acct_nbr	VARCHAR (254)	YES	The account number appearing on a debit/credit card. Identifies the card issuer's customer account to be charged or credited for the transaction (encrypted).
	personal_id_req_typcode	VARCHAR (30)	YES	Identifies the type of personal identification required to authorize tender. For example, driver's license, a second credit card, social security card, etc.
	personal_id_ref_nbr	VARCHAR (254)	YES	The identifying number of the driver license or other personal Id provided by the customer to verify his/her identity at the point of sale.
	auth_mthd_code	VARCHAR (30)	YES	A code that signifies the authorization method (FLOOR, MANUAL, etc.).
	track2	VARCHAR (254)	YES	The data from track 2 of the credit/debit card.
	track1	VARCHAR (254)	YES	The data from track 1 of the credit/debit card.
	track3	VARCHAR (254)	YES	The data from track 3 of the credit/debit card.
	adjudication_code	VARCHAR (30)	YES	A code indicating the result of a request to authorize the use of tender to settle a transaction.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	entry_mthd_code	VARCHAR (30)	YES	Code that denotes the entry method into the system. For example, Keyed, MSR, MICR, Scanned, SmartCard, etc.
	expr_date	VARCHAR (64)	YES	The date after which the credit/debit card is no longer valid.
	auth_nbr	VARCHAR (254)	YES	The authorization number returned from the processor for the credit/debit transaction represented by this line item.
	ps2000	VARCHAR (254)	YES	The PS2000 data that is returned with the request.
	bank_reference_number	VARCHAR (254)	YES	The bank reference number.
	customer_name	VARCHAR (254)	YES	The customer's name on the credit/debit card.
	cashback_amt	NUMERIC (17,6)	YES	The amount of cash the customer received in a debit card cash back transaction.
	card_level_indicator	VARCHAR (30)	YES	When using Xpay, this code identifies the type of Visa card received in the authorization response and is sent back in settlement.
	acct_nbr_hash	VARCHAR (60)	YES	Contains the hash value of Credit/Debit account number that was prefixed by the customer id.
	authorization_token	VARCHAR (60)	YES	The authorization token returned from an authorization processor that represents the account number used on the authorization. For authorizations through Merchant Warehouse via Xpay. Note: Tokenization is a technique in which information from the magnetic strip on the back of cards is replaced with unique, randomly generated, identification symbols that retain all the essential information without compromising its security before being transmitted for authorization.
	transaction_reference_data	VARCHAR (254)	YES	Transaction data returned from Xpay.
	trace_number	VARCHAR (60)	YES	A processor-assigned number for transaction tracking purposes.
	tax_amt	NUMERIC (17,6)	YES	For processing Level 2 Settlement information: Sales Tax on entire transaction. The amount of tax will be split across multiple tenders (% based) when applicable.
	discount_amt	NUMERIC (17,6)	YES	For processing Level 2 Settlement information: Discount amount on entire transaction. The discount amount will be split across multiple tenders (% based) when applicable.
	freight_amt	NUMERIC (17,6)	YES	For processing Level 2 Settlement information: Shipping cost on entire transaction. The shipping cost will be split across multiple tenders (% based) when applicable. Note: Requires additional setup.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	duty_amt	NUMERIC (17,6)	YES	For processing Level 2 Settlement information: The duty fee amount, split across multiple tenders when applicable. Note: Requires additional setup.
	orig_local_date_time	VARCHAR (20)	YES	The local date and time of the original authorization transaction.
	orig_transmission_date_time	VARCHAR (20)	YES	The transmission date and time of the original transaction (in GMT).
	orig_stan	VARCHAR (30)	YES	The STAN (System Trace Audit Number) of the original transaction.
	transaction_identifier	VARCHAR (20)	YES	A unique value up to 20 digits used to identify and link together all related transactions for authorization and settlement. This field contains Transaction Identifier and Validation Code.
	ccv_error_code	VARCHAR (10)	YES	An error code that may be returned in response to the CCV submitted at the time of authorization.
	pos_entry_mode_change	VARCHAR (10)	YES	A value that indicates that the POS Entry Mode was changed by the Issuer.
	processing_code	VARCHAR (10)	YES	A value used to identify the type of transaction sent to the Card Acceptor.
	pos_entry_mode	VARCHAR (10)	YES	The entry mode provided to Discover for the transaction.
	pos_addl_data	VARCHAR (20)	YES	The specific POS capture conditions for the card information at the time of the transaction.
	network_result_indicator	VARCHAR (20)	YES	The Network Result Indicator (NRID) assigned by Discover.
	merchant_cat_code	VARCHAR (4)	YES	RapidConnect credit or debit tender line item.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_credit_debit_tndr_lineitm Relationships

Parent Entity	Child Entity	Type
ttr_tndr_lineitm	ttr_credit_debit_tndr_lineitm	Identifying

ttr_identity_verification

Used to record information about the Id used to verify a customer's identity. Identity Verification objects are associated with a specific retail transaction line item. The information from the line item Id is used to relate this object to the line item (FK info).

ttr_identity_verification Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	identity_verification_seq	INTEGER	NO	The sequence number of the identity verification object.
	id_typcode	VARCHAR (30)	YES	The type of Id used for verification. For example, DRIVER_LICENSE.
	id_nbr	VARCHAR (254)	YES	The number or unique identifier from the Id used for verification.
	issuing_authority	VARCHAR (254)	YES	The issuing authority of the Id used for identity verification.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_identity_verification Relationships

Parent Entity	Child Entity	Type
ttr_tndr_lineitm	ttr_identity_verification	Identifying
ttr_identity_verification	ttr_identity_verification_p	Identifying

ttr_identity_verification_p

Contains property code and value information for table TTR_IDENTITY_VERIFICATION.

ttr_identity_verification_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	identity_verification_seq	INTEGER	NO	The sequence number of the identity verification object.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TTR_IDENTITY_VERIFICATION (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_identity_verification_p Relationships

Parent Entity	Child Entity	Type
ttr_identity_verification	ttr_identity_verification_p	Identifying

ttr_send_check_tndr_lineitm

Contains send check tender default implementation data for customers who will be receiving a check from the retailer.

ttr_send_check_tndr_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	payable_to_name	VARCHAR (254)	YES	The name the check should be made out to.
	payable_to_address	VARCHAR (254)	YES	The payable to address for the check.
	payable_to_city	VARCHAR (254)	YES	The city component of the address the check should be sent to.
	payable_to_state	VARCHAR (254)	YES	The state/province component of the address the check should be sent to.
	payable_to_postal_code	VARCHAR (254)	YES	The postal code component of the address the check should be sent to.
	reascode	VARCHAR (30)	YES	The send check reason code.
	payable_to_address2	VARCHAR (254)	YES	The second line of the payable to address for the check.
	payable_to_address3	VARCHAR (254)	YES	The third line of the payable to address for the check.
	payable_to_address4	VARCHAR (254)	YES	The fourth line of the payable to address for the check.
	payable_to_apt	VARCHAR (30)	YES	The apartment line of the payable to address for the check.
	payable_to_country	VARCHAR (2)	YES	The country component of the address the check should be sent to.
	payable_to_neighborhood	VARCHAR (254)	YES	The county component of an address the check should be sent to.
	payable_to_county	VARCHAR (254)	YES	The county component of an address.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_send_check_tndr_lineitm Relationships

Parent Entity	Child Entity	Type
ttr_tndr_lineitm	ttr_send_check_tndr_lineitm	Identifying

ttr_signature

Contains customer's signature and information that was captured as part of the Tender Authorization process.

ttr_signature Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	signature	VARCHAR (MAX)	YES	Digitized image of the customer's signature.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_signature Relationships

Parent Entity	Child Entity	Type
ttr_tndr_lineitm	ttr_signature	Identifying
ttr_signature	ttr_signature_p	Identifying

ttr_signature_p

Contains property code and value information for table TTR_SIGNATURE.

ttr_signature_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TTR_SIGNATURE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_signature_p Relationships

Parent Entity	Child Entity	Type
ttr_signature	ttr_signature_p	Identifying

ttr_tndr_auth_log

Contains information about requests to an external agency to authorize the use of some form of tender to complete a retail transaction (for example: Checks, Credit & Debit Cards, Gift Certificates or Vouchers).

ttr_tndr_auth_log Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	attempt_seq	INTEGER	NO	The sequence number of the authorization attempt used to order and uniquely identify attempts within a specific line item.
	response_code	VARCHAR (254)	YES	The response code from the auth processor.
	reference_nbr	VARCHAR (254)	YES	The transaction reference number provided by the auth processor.
	error_code	VARCHAR (254)	YES	An error code provided by the auth processor.
	error_text	VARCHAR (254)	YES	Error text returned from the auth processor.
	start_timestamp	DATETIME	YES	The timestamp marking the start of the authorization request.
	end_timestamp	DATETIME	YES	The timestamp marking the end of the authorization request.
	approval_code	VARCHAR (254)	YES	A code to denote that approval has been received from the authorization center.
	auth_type	VARCHAR (30)	YES	The type of authorization.
	customer_name	VARCHAR (254)	YES	The customer name from the track 1 data.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_tndr_auth_log Relationships

Parent Entity	Child Entity	Type
ttr_tndr_lineitm	ttr_tndr_auth_log	Identifying
ttr_tndr_auth_log	ttr_tndr_auth_log_p	Identifying

ttr_tndr_auth_log_p

Contains property code and value information for table TTR_TNDR_AUTH_LOG.

ttr_tndr_auth_log_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
X	attempt_seq	INTEGER	NO	The sequence number of the authorization attempt used to order and uniquely identify attempts within a specific line item.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TTR_TNDR_AUTH_LOG (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

ttr_tndr_auth_log_p Relationships

Parent Entity	Child Entity	Type
ttr_tndr_auth_log	ttr_tndr_auth_log_p	Identifying

ttr_tndr_lineitm

Contains line item information about a POS transaction that records the settlement of that transaction with an offsetting, valid tender type.

ttr_tndr_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	amt	NUMERIC (17,6)	YES	The amount of the tender line item.
	change_flag	BIT	YES	A flag indicating if change is due.
	host_validation_flag	BIT	YES	A flag indicating if this was validated by an external agency.
	tndr_id	VARCHAR (60)	YES	A code which uniquely identifies the type of tender. For example, Check, MasterCard, VISA, etc.
	serial_nbr	VARCHAR (254)	YES	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	tndr_statcode	VARCHAR (30)	YES	The tender status code. For example, Tender, Change, Refund, etc.
	party_id	BIGINT	YES	A unique, automatically assigned identity for a party.
	acct_user_name	VARCHAR (254)	YES	The name of the account user performing the activity.
	approval_code	VARCHAR (30)	YES	A code to denote that approval has been received from the authorization center.
	foreign_amt	NUMERIC (17,6)	YES	The monetary value (in the currency submitted by the customer) of the tender submitted by the customer.
	exchange_rate	NUMERIC (17,6)	YES	The quantitative conversion factor between two kinds of currency (one must be the store's home currency).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_tndr_lineitm Relationships

Parent Entity	Child Entity	Type
trl_rtrans	ttr_tndr_lineitm	Identifying
crm_party	ttr_tndr_lineitm	Non-Identifying
ttr_tndr_lineitm	ttr_acct_credit_tndr_lineitm	Identifying
ttr_tndr_lineitm	ttr_ar_tndr_lineitm	Identifying
ttr_tndr_lineitm	ttr_check_tndr_lineitm	Identifying
ttr_tndr_lineitm	ttr_coupon_tndr_lineitm	Identifying
ttr_tndr_lineitm	ttr_credit_debit_tndr_lineitm	Identifying
ttr_tndr_lineitm	ttr_identity_verification	Identifying
ttr_tndr_lineitm	ttr_send_check_tndr_lineitm	Identifying
ttr_tndr_lineitm	ttr_signature	Identifying
ttr_tndr_lineitm	ttr_tndr_auth_log	Identifying
ttr_tndr_lineitm	ttr_voucher_tndr_lineitm	Identifying

ttr_voucher

Contains detail on stored value certificates/cards such as store credits or gift certificates. The data can be used to validate the balance remaining on the voucher during tendering. Maintained only if the VoucherConfig.xml file's "<ValidateLocalBalance>" tag is "True".

ttr_voucher Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	voucher_typcode	VARCHAR (30)	NO	The code for the voucher type. For example, Gift Certificate, store credit, etc.
X	serial_nbr	VARCHAR (60)	NO	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
	issue_datetime	DATETIME	YES	The date and time the voucher was issued.
	effective_date	DATETIME	YES	The date the voucher is ready for service or action.
	expr_date	DATETIME	YES	The date after which the service or activity can no longer be performed.
	face_value_amt	NUMERIC (17,6)	YES	The original issue amount for the voucher.
	voucher_status_code	VARCHAR (30)	YES	A code to indicate the status of the voucher. For example, VOID.
	issue_typcode	VARCHAR (30)	YES	The code used to provide information if this voucher was issued as a refund, etc.
	unspent_balance_amt	NUMERIC (17,6)	YES	The remaining (unspent) balance on the voucher.
	currency_id	VARCHAR (3)	YES	The three-letter ISO currency code. For example, USD, EUR, etc.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_voucher Relationships

Parent Entity	Child Entity	Type
ttr_voucher	ttr_voucher_history	Identifying
ttr_voucher	ttr_voucher_p	Identifying

ttr_voucher_history

Contains information recording various voucher usage (selling of the voucher, redemption, re-loading, etc.).

ttr_voucher_history Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	voucher_tpcode	VARCHAR (30)	NO	The code for the voucher type. For example, Gift Certificate, store credit, etc.
X	serial_nbr	VARCHAR (60)	NO	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
X	history_seq	BIGINT	NO	The history sequence number for this voucher record.
	activity_code	VARCHAR (30)	YES	The activity code for the history entry (ISSUED, REDEEMED, CASHOUT, etc.).
	amt	NUMERIC (17,6)	YES	The amount for the voucher history entry.
	rtrans_lineitm_seq	INTEGER	YES	The sequence number of a line item within the context of this retail transaction.
	rtl_loc_id	INTEGER	YES	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
	wkstn_id	BIGINT	YES	The unique identifier for the workstation.
	business_date	DATETIME	YES	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
	trans_seq	BIGINT	YES	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_voucher_history Relationships

Parent Entity	Child Entity	Type
ttr_voucher	ttr_voucher_history	Identifying
ttr_voucher_tndr_lineitm	ttr_voucher_history	Non-Identifying
ttr_voucher_history	ttr_voucher_history_p	Identifying

ttr_voucher_history_p

Contains property code and value information for table TTR_VOUCHER_HISTORY.

ttr_voucher_history_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	voucher_typcode	VARCHAR (30)	NO	The code for the voucher type. For example, Gift Certificate, store credit, etc.
X	serial_nbr	VARCHAR (60)	NO	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
X	history_seq	BIGINT	NO	The history sequence number for this voucher record.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TTR_VOUCHER_HISTORY (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_voucher_history_p Relationships

Parent Entity	Child Entity	Type
ttr_voucher_history	ttr_voucher_history_p	Identifying

ttr_voucher_p

Contains property code and value information for table TTR_VOUCHER.

ttr_voucher_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	voucher_typcode	VARCHAR (30)	NO	The code for the voucher type. For example, Gift Certificate, store credit, etc.
X	serial_nbr	VARCHAR (60)	NO	A unique code that can be alpha, numeric, or alpha-numeric, used as an identifier.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table TTR_VOUCHER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_voucher_p Relationships

Parent Entity	Child Entity	Type
ttr_voucher	ttr_voucher_p	Identifying

ttr_voucher_tndr_lineitm

Contains tender line item information for processing vouchers.

ttr_voucher_tndr_lineitm Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	wkstn_id	BIGINT	NO	The unique identifier for the workstation.
X	business_date	DATETIME	NO	A calendar date that corresponds to an accounting period fiscal day at a particular retail store, has financial transactions attributed to it, and is aggregated using the CalendarPeriod structure.
X	rtl_loc_id	INTEGER	NO	A unique identifier for a specific retail store within the organization. Typically, stores are given a unique reference number.
X	trans_seq	BIGINT	NO	A unique, non-significant, automatically-assigned sequential number used to identify a transaction within the context of a workstation and a business period.
X	rtrans_lineitm_seq	INTEGER	NO	The sequence number of a line item within the context of this retail transaction.
	voucher_typcode	VARCHAR (30)	YES	The code for the voucher type. For example, Gift Certificate, store credit, etc.
	track1	VARCHAR (254)	YES	The track one data from the voucher.
	auth_mthd_code	VARCHAR (30)	YES	A code that signifies the authorization method. For example, checks may be authorized by either a third party or by validation against the customer's driving license.
	track3	VARCHAR (254)	YES	The track three data from the voucher.
	track2	VARCHAR (254)	YES	The track two data from the voucher.
	adjudication_code	VARCHAR (30)	YES	A code to denote that approval has been received from the authorization center.
	entry_mthd_code	VARCHAR (30)	YES	Code that denotes the entry method into the system. For example, Keyed, MSR, MICR, Scanned, SmartCard, etc.
	auth_code	VARCHAR (30)	YES	The authorization code for the voucher.
	activity_code	VARCHAR (30)	YES	The voucher activity code for the tender line item (ISSUED, REDEEMED).
	reference_nbr	VARCHAR (254)	YES	The transaction reference number provided by the auth processor.
	effective_date	DATETIME	YES	The date the voucher is ready for service or action.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	expr_date	DATETIME	YES	The date after which the service or activity can no longer be performed.
	face_value_amt	NUMERIC (17,6)	YES	The original issue amount for the voucher.
	issue_datetime	DATETIME	YES	The date and time the voucher was issued.
	issue_typcode	VARCHAR (30)	YES	The code used to provide information if this voucher was issued as a refund, etc.
	unspent_balance_amt	NUMERIC (17,6)	YES	The remaining (unspent) balance on the voucher.
	voucher_status_code	VARCHAR (30)	YES	A code to indicate the status of the voucher. For example, VOID.
	trace_number	VARCHAR (60)	YES	A processor-assigned number for transaction tracking purposes.
	orig_local_date_time	VARCHAR (20)	YES	The local date and time of the original authorization transaction.
	orig_transmission_date_time	VARCHAR (20)	YES	The transmission date and time of the original transaction (in GMT).
	orig_stan	VARCHAR (30)	YES	The STAN (System Trace Audit Number) of the original transaction.
	merchant_cat_code	VARCHAR (4)	YES	RapidConnect credit or debit tender line item.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

ttr_voucher_tndr_lineitm Relationships

Parent Entity	Child Entity	Type
ttr_tndr_lineitm	ttr_voucher_tndr_lineitm	Identifying
ttr_voucher_tndr_lineitm	ttr_voucher_history	Non-Identifying

Domain: XOM

Oracle Retail Order Broker Cloud Service™ Order Management Entities

For Entity Relationship diagrams, see [Appendix A: Entity Relationship Diagrams on page 1058](#).

xom_address_mod

Stores information for an address that is tied to an order (customer address, shipping address, etc.).

xom_address_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this address modifier is associated. Valid values include xom_order.order_id.
X	address_seq	BIGINT	NO	A unique number that, in conjunction with the order id, associates an address record with a record in another table that has an address. For example a customer record (in the xom_customer_mod table).
	address1	VARCHAR (254)	YES	The first line of the address, normally the street number and name.
	address2	VARCHAR (254)	YES	The second line of the address.
	address3	VARCHAR (254)	YES	The third line of the address.
	address4	VARCHAR (254)	YES	The fourth line of the address.
	city	VARCHAR (254)	YES	The city component of an address.
	state	VARCHAR (30)	YES	The state (or territory) component of an address (OH, PA, etc.).
	postal_code	VARCHAR (30)	YES	The postal code (zip code) component of an address.
	country	VARCHAR (2)	YES	The country component of an address.
	apartment	VARCHAR (30)	YES	The apartment number component of the address.
	neighborhood	VARCHAR (254)	YES	The neighborhood of an address.
	county	VARCHAR (254)	YES	The county component of an address.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_address_mod Relationships

Parent Entity	Child Entity	Type
xom_order	xom_address_mod	Identifying
xom_address_mod	xom_address_mod_p	Identifying
xom_address_mod	xom_customer_mod	Non-Identifying

xom_address_mod_p

Contains property code and value information for table XOM_ADDRESS_MOD.

xom_address_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this address modifier is associated. Valid values include xom_order.order_id.
X	address_seq	BIGINT	NO	A unique number that, in conjunction with the order id, associates an address record with a record in another table that has an address. For example a customer record (in the xom_customer_mod table).
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_ADDRESS_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_address_mod_p Relationships

Parent Entity	Child Entity	Type
xom_address_mod	xom_address_mod_p	Identifying

xom_balance_mod

Stores information about things that have affected the balance due for an order item. The records in this table represent a breakdown of how the payments in xom_order_payment affect each order item.

xom_balance_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this balance modifier is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, associates this balance modifier record with an order line record (in xom_order_line). Valid values include xom_order_line.detail_seq.
X	mod_seq	INTEGER	NO	A number that uniquely identifies this balance modifier among all of the balance modifiers for a particular order line.
	typcode	VARCHAR (30)	YES	A number that uniquely identifies this balance modifier among all of the balance modifiers for a particular order line: DEPOSIT, PAYMENT, REFUND
	amount	DECIMAL (17,6)	YES	The amount of this balance modifier.
	void_flag	BIT	NO	If true, this balance modifier has been voided.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_balance_mod Relationships

Parent Entity	Child Entity	Type
xom_order_line	xom_balance_mod	Identifying
xom_balance_mod	xom_balance_mod_p	Identifying

xom_balance_mod_p

Contains property code and value information for table XOM_BALANCE_MOD.

xom_balance_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this balance modifier is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, associates this balance modifier record with an order line record (in xom_order_line). Valid values include xom_order_line.detail_seq.
X	mod_seq	INTEGER	NO	A number that uniquely identifies this balance modifier among all of the balance modifiers for a particular order line.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_BALANCE_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_balance_mod_p Relationships

Parent Entity	Child Entity	Type
xom_balance_mod	xom_balance_mod_p	Identifying

xom_customer_mod

Contains customer information for an order.

xom_customer_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this customer modifier is associated. Valid values include xom_order.order_id.
	customer_id	VARCHAR (60)	YES	A value that uniquely identifies the customer who placed the order.
	first_name	VARCHAR (60)	YES	The customer's first name.
	last_name	VARCHAR (60)	YES	The customer's last name.
	telephone1	VARCHAR (32)	YES	The customer's primary telephone number.
	telephone2	VARCHAR (32)	YES	The customer's alternate telephone number.
	email_address	VARCHAR (254)	YES	The email address of the customer who placed the order. This is the address that is used to notify the customer that an order has shipped, etc.
	address_seq	BIGINT	YES	A unique number that ties this record to a record in the xom_address_mod table that represents the address of the customer who placed the order. Valid values include xom_address_mod.address_seq
	organization_name	VARCHAR (60)	YES	The name of the company represented by the customer who placed the order.
	salutation	VARCHAR (30)	YES	A title used before the person's name that placed the order; such as Mr., Ms., Miss, Dr., Prof. etc.
	middle_name	VARCHAR (60)	YES	The middle name or initial of the person who placed the order.
	suffix	VARCHAR (30)	YES	An affix occurring at the end of a name; such as Sr, Jr, III, of the person who placed the order.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_customer_mod Relationships

Parent Entity	Child Entity	Type
xom_order	xom_customer_mod	Identifying
xom_address_mod	xom_customer_mod	Non-Identifying
xom_customer_mod	xom_customer_mod_p	Identifying

xom_customer_mod_p

Contains property code and value information for table XOM_CUSTOMER_MOD.

xom_customer_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this customer modifier is associated. Valid values include xom_order.order.order_id.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_CUSTOMER_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_customer_mod_p Relationships

Parent Entity	Child Entity	Type
xom_customer_mod	xom_customer_mod_p	Identifying

xom_customization_mod

Contains customization mod information for an order.

xom_customization_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this order line is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that uniquely distinguishes the order line from other lines on the order.
X	mod_seq	INTEGER	NO	Mod sequence.
	customization_code	VARCHAR (30)	YES	Customization code.
	customization_message	VARCHAR (MAX)	YES	Customization message.
	create_date	DATETIME	YES	The date the record was created.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_customization_mod Relationships

Parent Entity	Child Entity	Type
xom_order_line	xom_customization_mod	Identifying
xom_customization_mod	xom_customization_mod_p	Identifying

xom_customization_mod_p

Contains property code and value information for table XOM_CUSTOMIZATION_MOD.

xom_customization_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this order line is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that uniquely distinguishes the order line from other lines on the order.
X	mod_seq	INTEGER	NO	Mod sequence.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_CUSTOMIZATION_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_customization_mod_p Relationships

Parent Entity	Child Entity	Type
xom_customization_mod	xom_customization_mod_p	Identifying

xom_fee_mod

Stores information about an order's fee at the order item level. The records in this table represent a breakdown of how the fees in xom_order_fee affect each order item.

xom_fee_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this fee modifier is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, associates this fee modifier record with an order line record (in xom_order_line). Valid values include xom_order_line.detail_seq.
X	mod_seq	INTEGER	NO	A number that uniquely identifies this fee modifier among all of the fee modifiers for a particular order line.
	typcode	VARCHAR (30)	YES	The type of fee that this modifier represents (SHIPPING, SETUP).
	amount	DECIMAL (17,6)	YES	The amount of the fee applied to the order line with which this fee modifier is associated.
	void_flag	BIT	NO	If true, this fee modifier has been voided.
	tax_amount	DECIMAL (17,6)	YES	The tax amount of the fee applied to the order line with which this fee modifier is associated.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_fee_mod Relationships

Parent Entity	Child Entity	Type
xom_order_fee	xom_fee_mod	Identifying
xom_fee_mod	xom_fee_mod_p	Identifying

xom_fee_mod_p

Contains property code and value information for table XOM_FEE_MOD.

xom_fee_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this fee modifier is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, associates this fee modifier record with an order line record (in xom_order_line). Valid values include xom_order_line.detail_seq.
X	mod_seq	INTEGER	NO	A number that uniquely identifies this fee modifier among all of the fee modifiers for a particular order line.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_FEE_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_fee_mod_p Relationships

Parent Entity	Child Entity	Type
xom_fee_mod	xom_fee_mod_p	Identifying

xom_fulfillment_mod

Stores information about the fulfillment location for an order item. The fulfillment location is the location where the order item will be picked up or the location where the order item will be delivered.

xom_fulfillment_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this fulfillment modifier is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, associates this fulfillment modifier record with an order line record (in xom_order_line). Valid values include xom_order_line.detail_seq.
	loc_id	VARCHAR (60)	YES	A value that identifies the fulfillment location for an order item.
	loc_name1	VARCHAR (254)	YES	A name associated with the fulfillment location. For deliveries, this is the first name of the person to whom the order item is being delivered.
	loc_name2	VARCHAR (254)	YES	A name associated with the fulfillment location. For deliveries, this is the last name of the person to whom the order item is being delivered.
	telephone	VARCHAR (32)	YES	The phone number of the fulfillment location.
	email_address	VARCHAR (254)	YES	The email address of the fulfillment location.
	address_seq	BIGINT	YES	A unique number that associates this record with a record in the xom_address_mod table that represents the address of the fulfillment location. Valid values include xom_address_mod.address_seq.
	organization_name	VARCHAR (60)	YES	This is only used for delivery orders. It is the name of the company represented by the person to whom an order item is being delivered.
	salutation	VARCHAR (30)	YES	This is only populated for delivery orders. It is the salutation used by the person to whom an order item is being delivered (Mr., Mrs., Dr., etc.).
	middle_name	VARCHAR (60)	YES	This is only used for delivery orders. It is the middle name or middle initial of the person to whom an order item is being delivered.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	Suffix	VARCHAR (30)	YES	This is only used for delivery orders. It is the suffix that is appended to the name of the person to whom an order is being delivered (M.D, Jr., III, etc.).
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_fulfillment_mod Relationships

Parent Entity	Child Entity	Type
xom_order_line	xom_fulfillment_mod	Identifying
xom_fulfillment_mod	xom_fulfillment_mod_p	Identifying

xom_fulfillment_mod_p

Contains property code and value information for table XOM_FULFILLMENT_MOD.

xom_fulfillment_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this fulfillment modifier is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, associates this fulfillment modifier record with an order line record (in xom_order_line). Valid values include xom_order_line.detail_seq.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_FULFILLMENT_MOD (key/value pair).
	Type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_fulfillment_mod_p Relationships

Parent Entity	Child Entity	Type
xom_fulfillment_mod	xom_fulfillment_mod_p	Identifying

xom_item_mod

Stores additional information about an order item (for example the item's description).

xom_item_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this item modifier is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, associates this item modifier record with an order line record (in xom_order_line). Valid values include xom_order_line.detail_seq.
	item_id	VARCHAR (60)	YES	An identifier for the item that is being ordered. Valid values include xom_order_line.item_id.
	Description	VARCHAR (254)	YES	The description of the item that is being ordered.
	image_url	VARCHAR (254)	YES	The image URL.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_item_mod Relationships

Parent Entity	Child Entity	Type
xom_order_line	xom_item_mod	Identifying
xom_item_mod	xom_item_mod_p	Identifying

xom_item_mod_p

Contains property code and value information for table XOM_ITEM_MOD.

xom_item_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this item modifier is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, associates this item modifier record with an order line record (in xom_order_line). Valid values include xom_order_line.detail_seq.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_ITEM_MOD (key/value pair).
	Type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_item_mod_p Relationships

Parent Entity	Child Entity	Type
xom_item_mod	xom_item_mod_p	Identifying

xom_order

Stores summary information for an order.

xom_order Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	A unique identifier for an order in Xstore.
	order_type	VARCHAR (30)	YES	Code indicating the type of order being processed: Customer Delivery (STANDARD_DELIVERY), Pickup Other Store (STANDARD_PICKUP), Pickup This Store (DELAYED_PICKUP), Web Pickup (THIRD_PARTY_PICKUP).
	status_code	VARCHAR (30)	YES	The status code for this order (OPEN, FULFILLMENT READY, COMPLETE, or CANCELLED).
	order_date	DATETIME	YES	For orders that are being created, this is the business date on which the order was created. For orders that were downloaded from the order service provider, this date is on the message from the provider.
	order_loc_id	VARCHAR (60)	YES	An identifier for the location that placed the order.
	subtotal	DECIMAL (17,6)	YES	The subtotal of the order. This is the sum of the prices of all of the items on the order. Taxes and fees are excluded from this value.
	tax_amount	DECIMAL (17,6)	YES	The total tax amount for the order.
	total	DECIMAL (17,6)	YES	The total amount for the order.
	balance_due	DECIMAL (17,6)	YES	The total amount outstanding for the order.
	notes	VARCHAR (MAX)	YES	Free-form notes or comments pertaining to the given order.
	ref_nbr	VARCHAR (60)	YES	Storage for a general reference number for an order. This has no reserved purpose in base Xstore.
	additional_freight_charges	DECIMAL (17,6)	YES	Additional freight charges.
	additional_charges	DECIMAL (17,6)	YES	Additional charges.
	ship_complete_flag	BIT	YES	Ship complete? Y or N
	freight_tax	DECIMAL (17,6)	YES	Freight tax.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	order_message	VARCHAR (MAX)	YES	Order message.
	gift_message	VARCHAR (MAX)	YES	Gift message.
	under_review_flag	BIT	YES	Order under review? Y or N
	status_code_reason	VARCHAR (30)	YES	Order status code reason code.
	status_code_reason_note	VARCHAR (MAX)	YES	Order status code reason description.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_order Relationships

Parent Entity	Child Entity	Type
xom_order	xom_address_mod	Identifying
xom_order	xom_customer_mod	Identifying
xom_order	xom_order_line	Identifying
xom_order	xom_order_p	Identifying
xom_order	xom_order_payment	Identifying
xom_order	xom_order_mod	Non-Identifying

xom_order_fee

Stores information about the fees that were charged for an order.

xom_order_fee Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this order fee is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, uniquely identifies a fee that was added to an order.
	typcode	VARCHAR (30)	YES	Code indicating the type of fee being applied to the line item (SHIPPING, SETUP).
	amount	DECIMAL (17,6)	YES	The amount of the fee that was added to an order.
	void_flag	BIT	NO	If true, denotes that this fee has been voided.
	item_id	VARCHAR (60)	YES	The retailer's SKU or unique item identifier for the item.
	tax_amount	DECIMAL (17,6)	YES	The tax amount of the fee that was added to an order. Some states require that shipping is taxed.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_order_fee Relationships

Parent Entity	Child Entity	Type
xom_order_line	xom_order_fee	Identifying
xom_order_fee	xom_fee_mod	Identifying
xom_order_fee	xom_order_fee_p	Identifying

xom_order_fee_p

Contains property code and value information for table XOM_ORDER_FEE.

xom_order_fee_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this order fee is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, uniquely identifies a fee that was added to an order.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_ORDER_FEE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_order_fee_p Relationships

Parent Entity	Child Entity	Type
xom_order_fee	xom_order_fee_p	Identifying

xom_order_line

Stores information for an order line (for example, an item on an order).

xom_order_line Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this order line is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that uniquely distinguishes the order line from other lines on the order.
	external_order_id	VARCHAR (60)	YES	A value that is used to identify the order to which this line belongs in an external system.
	item_id	VARCHAR (60)	YES	An identifier for the item that is being ordered. Valid values include itm_item.item_id.
	quantity	DECIMAL (11,4)	YES	The quantity of the item that is being ordered.
	fulfillment_type	VARCHAR (20)	YES	The way in which this item is being fulfilled (PICKUP, DELIVERY, or RETAILPICKUP). RETAILPICKUP is similar to a pickup, but it indicates different behavior to an order service provider.
	status_code	VARCHAR (30)	YES	The status of the order line (FULFILLED, POLLED, CANCELLED, IN_TRANSIT, NEW, RESERVED, ACCEPTED, RECEIVED, or REJECTED).
	unit_price	DECIMAL (17,6)	YES	The price per unit of the ordered item.
	extended_price	DECIMAL (17,6)	YES	The extended price of the order line. This is the amount that is actually owed for the line.
	tax_amount	DECIMAL (17,6)	YES	The total tax amount for the order line.
	notes	VARCHAR (MAX)	YES	Free-form order line notes or special instructions. For example: "Please gift wrap".
	selected_ship_method	VARCHAR (60)	YES	A code representing the shipping method that was selected for an item when the order was placed (examples include UPS_GROUND or 2).
	tracking_nbr	VARCHAR (60)	YES	A tracking number used by shipping agents to track an item's progress.
	void_flag	BIT	NO	If true, denotes that this line item has been voided.
	actual_ship_method	VARCHAR (60)	YES	A code representing the shipping method that actually was used when the item was shipped (examples include UPS_GROUND or 2).

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	drop_ship_flag	BIT	NO	If true, this line item is being drop shipped directly from the vendor to the customer.
	status_code_reason	VARCHAR (30)	YES	Holds the reason code selected by user when cancelling an order.
	line_no	INTEGER	YES	The line number assigned by Oracle Retail Order Broker Cloud Service.
	status_code_reason_note	VARCHAR (MAX)	YES	Order line status code reason description.
	item_upc_code	VARCHAR (60)	YES	Item upc code.
	item_ean_code	VARCHAR (60)	YES	Item ean code.
	extended_freight	DECIMAL (17,6)	YES	Extended freight amount.
	customization_charge	DECIMAL (17,6)	YES	Customization charge.
	gift_wrap_flag	BIT	YES	Gift wrap required? Y or N
	ship_alone_flag	BIT	YES	Ship alone required? Y or N
	ship_weight	DECIMAL (17,6)	YES	Ship weight.
	line_message	VARCHAR (MAX)	YES	Order line message.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_order_line Relationships

Parent Entity	Child Entity	Type
xom_order	xom_order_line	Identifying
xom_order_line	xom_balance_mod	Identifying
xom_order_line	xom_customization_mod	Identifying
xom_order_line	xom_fulfillment_mod	Identifying
xom_order_line	xom_item_mod	Identifying

Parent Entity	Child Entity	Type
xom_order_line	xom_order_fee	Identifying
xom_order_line	xom_order_line_p	Identifying
xom_order_line	xom_source_mod	Identifying

xom_order_line_p

Contains property code and value information for table XOM_ORDER_LINE.

xom_order_line_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this order line is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that uniquely distinguishes the order line from other lines on the order.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_ORDER_LINE (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_order_line_p Relationships

Parent Entity	Child Entity	Type
xom_order_line	xom_order_line_p	Identifying

xom_order_mod

Stores information representing the order with which a sale line item is associated.

xom_order_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	The retail location Id of the store in which the sale line associated with an order was added to a sale transaction. Valid values include trl_rtrans_lineitm.rtl_loc_id.
X	business_date	DATETIME	NO	The business date on which the sale line associated with an order was added to a sale transaction. Valid values include trl_rtrans_lineitm.business_date.
X	wkstn_id	BIGINT	NO	An identifier of the register that added the sale line associated with an order to a sale transaction. Valid values include trl_rtrans_lineitm.wkstn_id.
X	trans_seq	BIGINT	NO	An identifier for the transaction to which the sale line associated with an order belongs. Valid values include trl_rtrans_lineitm.trans_seq.
X	rtrans_lineitm_seq	INTEGER	NO	A unique identifier within a transaction for the sale line associated with an order. Valid values include trl_rtrans_lineitm.rtrans_lineitm_seq.
	order_id	VARCHAR (60)	YES	An identifier for the order with which a sale line is associated. Valid values include xom_order.order_id.
	external_order_id	VARCHAR (60)	YES	An external system's identifier for an order with which a sale line is associated (from xom_order_line). Valid values include xom_order_line.external_order_id.
	order_type	VARCHAR (30)	YES	Code indicating the type of order with which a sale line is associated: Customer Delivery (STANDARD_DELIVERY), Pickup Other Store (STANDARD_PICKUP), Pickup This Store (DELAYED_PICKUP), Web Pickup (THIRD_PARTY_PICKUP). Valid values: include xom_order.order_type
	detail_type	VARCHAR (20)	YES	The type of order detail with which the sale line item owning this order modifier is associated. e.g. ITEM, PAYMENT, FEE.
	detail_seq	INTEGER	YES	The sequence number of the detail type in relation to the order. e.g. The second order line that was added to the order would be 2.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_order_mod Relationships

Parent Entity	Child Entity	Type
trl_rtrans_lineitm	xom_order_mod	Identifying
xom_order	xom_order_mod	Non-Identifying
xom_order_mod	xom_order_mod_p	Identifying

xom_order_mod_p

Contains property code and value information for table XOM_ORDER_MOD.

xom_order_mod_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	rtl_loc_id	INTEGER	NO	The retail location Id of the store in which the sale line associated with an order was added to a sale transaction. Valid values include trl_rtrans_lineitm.rtl_loc_id.
X	business_date	DATETIME	NO	The business date on which the sale line associated with an order was added to a sale transaction. Valid values include trl_rtrans_lineitm.business_date.
X	wkstn_id	BIGINT	NO	An identifier of the register that added the sale line associated with an order to a sale transaction. Valid values include trl_rtrans_lineitm.wkstn_id.
X	trans_seq	BIGINT	NO	An identifier for the transaction to which the sale line associated with an order belongs. Valid values include trl_rtrans_lineitm.trans_seq.
X	rtrans_lineitm_seq	INTEGER	NO	A unique identifier within a transaction for the sale line associated with an order. Valid values include trl_rtrans_lineitm.rtrans_lineitm_seq.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_ORDER_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_order_mod_p Relationships

Parent Entity	Child Entity	Type
xom_order_mod	xom_order_mod_p	Identifying

xom_order_p

Contains property code and value information for table XOM_ORDER.

xom_order_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	A unique identifier for an order in Xstore.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_ORDER (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_order_p Relationships

Parent Entity	Child Entity	Type
xom_order	xom_order_p	Identifying

xom_order_payment

Stores information about the payments that were made against an order.

xom_order_payment Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this order payment is associated. Valid values include xom_order.order_id.
X	sequence	INTEGER	NO	A number that, in conjunction with the order id, uniquely identifies a payment that was made against an order.
	typcode	VARCHAR (30)	YES	The type of payment that was made against an order (DEPOSIT, PAYMENT, or REFUND).
	item_id	VARCHAR (60)	YES	A value that identifies the item that represents the order payment. This is for Xstore internal use only.
	amount	DECIMAL (17,6)	YES	The amount of the payment that was made against an order.
	void_flag	BIT	NO	If true, denotes that this payment has been voided.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_order_payment Relationships

Parent Entity	Child Entity	Type
xom_order	xom_order_payment	Identifying
xom_order_payment	xom_order_payment_p	Identifying

xom_order_payment_p

Contains property code and value information for table XOM_ORDER_PAYMENT.

xom_order_payment_p Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this order payment is associated. Valid values include xom_order.order_id.
X	sequence	INTEGER	NO	A number that, in conjunction with the order id, uniquely identifies a payment that was made against an order.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_ORDER_PAYMENT (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

xom_order_payment_p Relationships

Parent Entity	Child Entity	Type
xom_order_payment	xom_order_payment_p	Identifying

xom_source_mod

Stores information about the sourcing location for an order item. The sourcing location is the location that provides the inventory for the order item.

xom_source_mod Attributes

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this source modifier is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, associates this source modifier record with an order line record (in xom_order_line). Valid values include xom_order_line.detail_seq.
	loc_id	VARCHAR (60)	YES	A value that identifies the location that is sourcing an item for an order.
	loc_type	VARCHAR (30)	YES	The type of location that is sourcing an item for an order. For systems using Oracle Retail Order Broker Cloud Service, this would be the system with which the location is associated in Oracle Retail Order Broker Cloud Service.
	loc_name1	VARCHAR (254)	YES	A name associated with the sourcing location.
	loc_name2	VARCHAR (254)	YES	A name associated with the sourcing location.
	telephone	VARCHAR (32)	YES	The primary telephone number for the sourcing location.
	email_address	VARCHAR (254)	YES	The primary email address for the sourcing location.
	address_seq	BIGINT	YES	A unique number that associates this record with a record in the xom_address_mod table that represents the address of the sourcing location. Valid values include xom_address_mod.address_seq.
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.

PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
	record_state	VARCHAR (30)	YES	The record status.

xom_source_mod Relationships

Parent Entity	Child Entity	Type
xom_order_line	xom_source_mod	Identifying
xom_source_mod	xom_source_mod_p	Identifying

xom_source_mod_p

Contains property code and value information for table XOM_SOURCE_MOD.

xom_source_mod_p Attributes

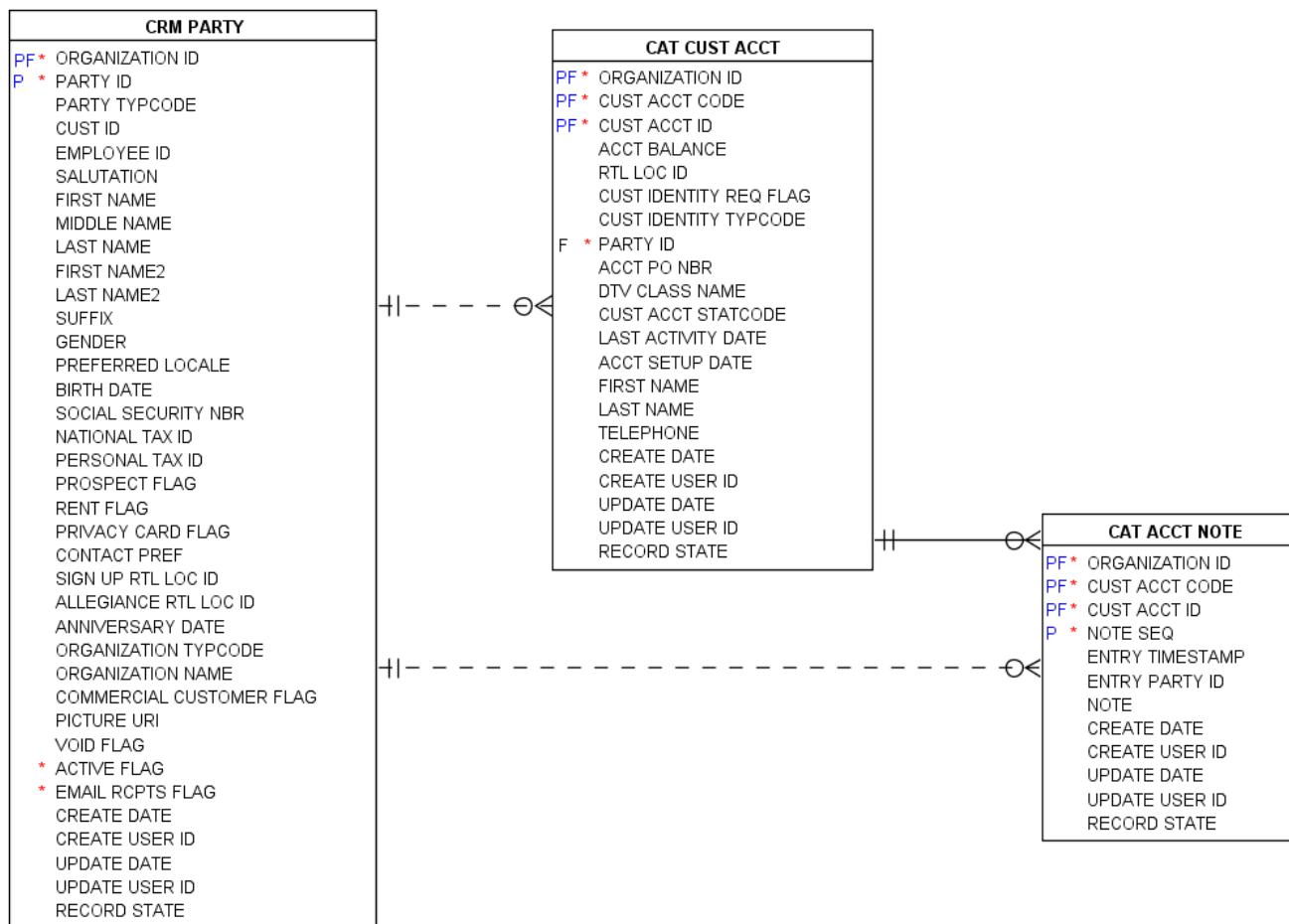
PK	Attribute/Logical Rolename	Datatype	NULL?	Definition
X	organization_id	INTEGER	NO	A unique identifier for a company, association, institution, or other enterprise of interest to a retail store or retail enterprise.
X	order_id	VARCHAR (60)	NO	An identifier for the order with which this source modifier is associated. Valid values include xom_order.order_id.
X	detail_seq	INTEGER	NO	A number that, in conjunction with the order id, associates this source modifier record with an order line record (in xom_order_line). Valid values include xom_order_line.detail_seq.
X	property_code	VARCHAR (30)	NO	Identifier of the property associated with table XOM_SOURCE_MOD (key/value pair).
	type	VARCHAR (30)	YES	The type of value stored by this record (STRING, DECIMAL, DATE, or BOOLEAN).
	string_value	VARCHAR (MAX)	YES	Required when the Type is STRING.
	date_value	DATETIME	YES	Required when the Type is DATE.
	decimal_value	DECIMAL (17,6)	YES	Required when the Type is DECIMAL. If BOOLEAN Type: 1=True 0=False
	create_date	DATETIME	YES	The date the record was created, relative to GMT so as to be consistent across time zones.
	create_user_id	VARCHAR (30)	YES	The identifier of the person who created the record.
	update_date	DATETIME	YES	The date the record was updated, relative to GMT so as to be consistent across time zones.
	update_user_id	VARCHAR (30)	YES	The identifier of the person who updated the record.
	record_state	VARCHAR (30)	YES	The record status.

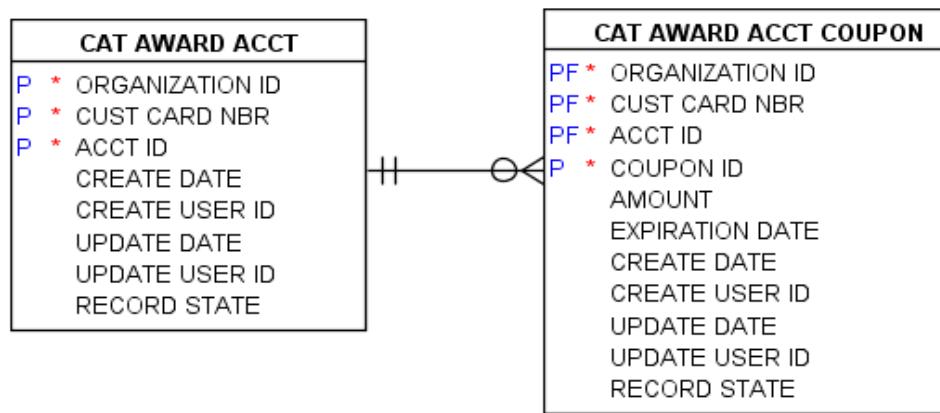
xom_source_mod_p Relationships

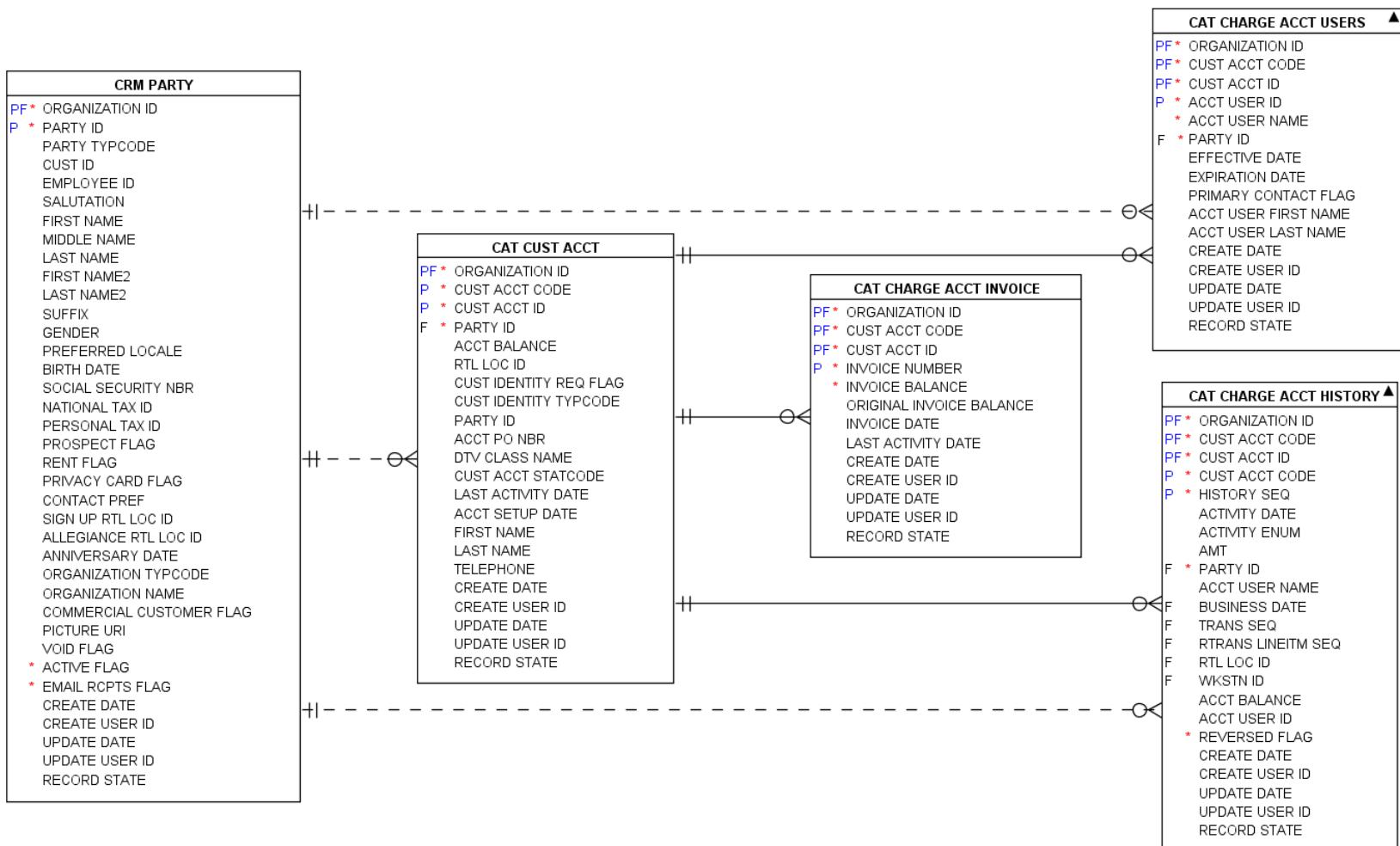
Parent Entity	Child Entity	Type
xom_source_mod	xom_source_mod_p	Identifying

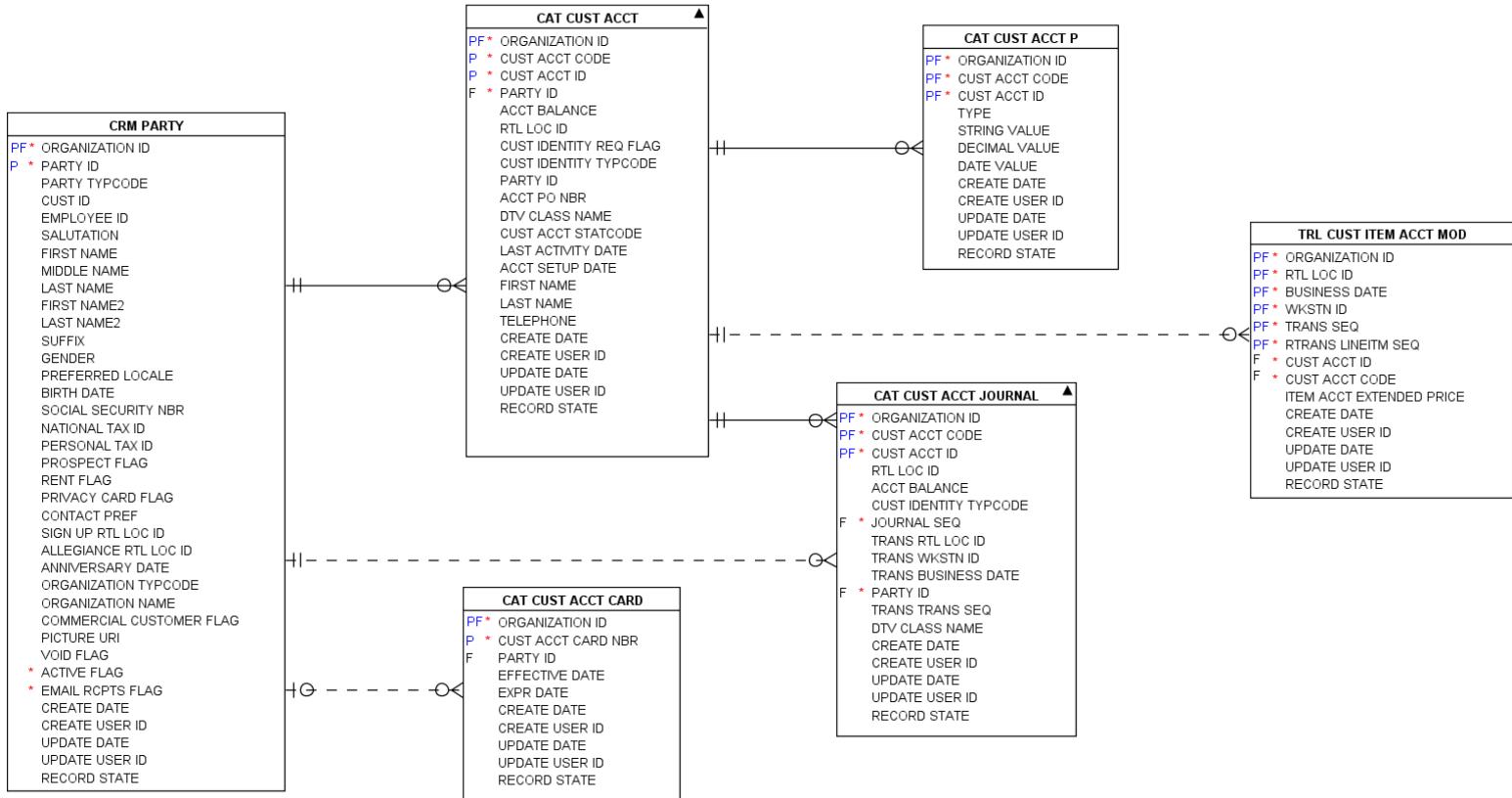
Appendix A: Entity Relationship Diagrams

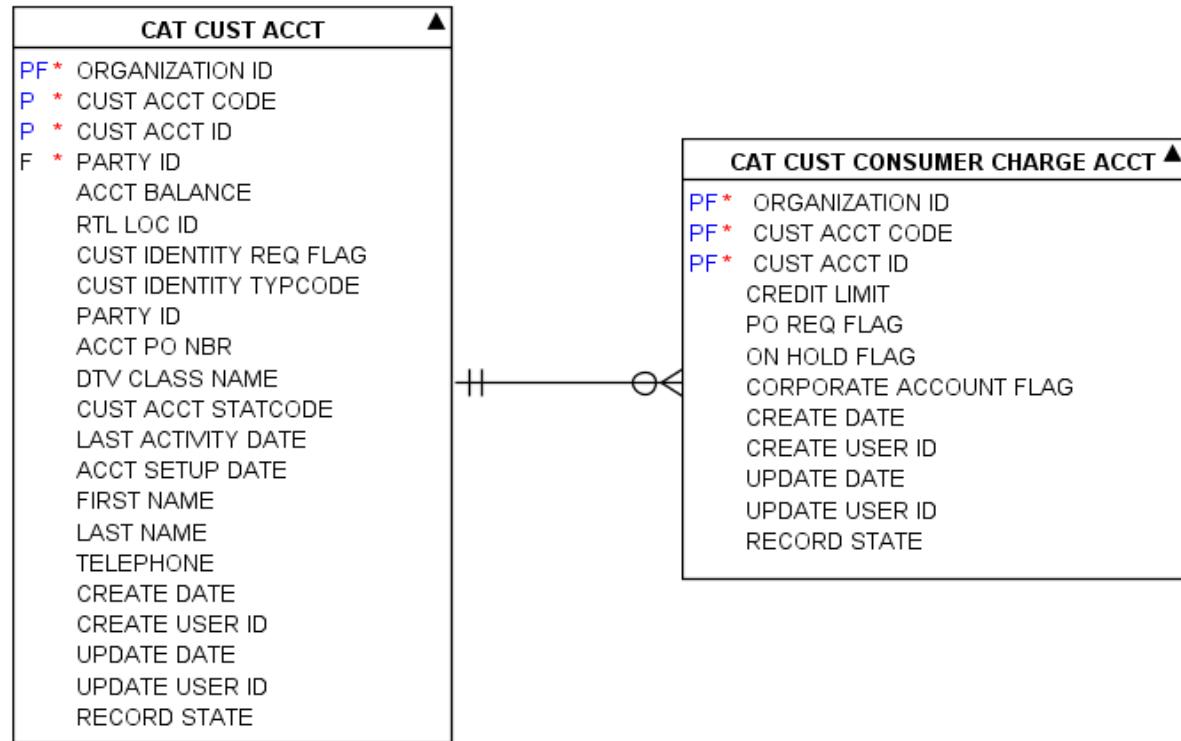
CAT DOMAIN

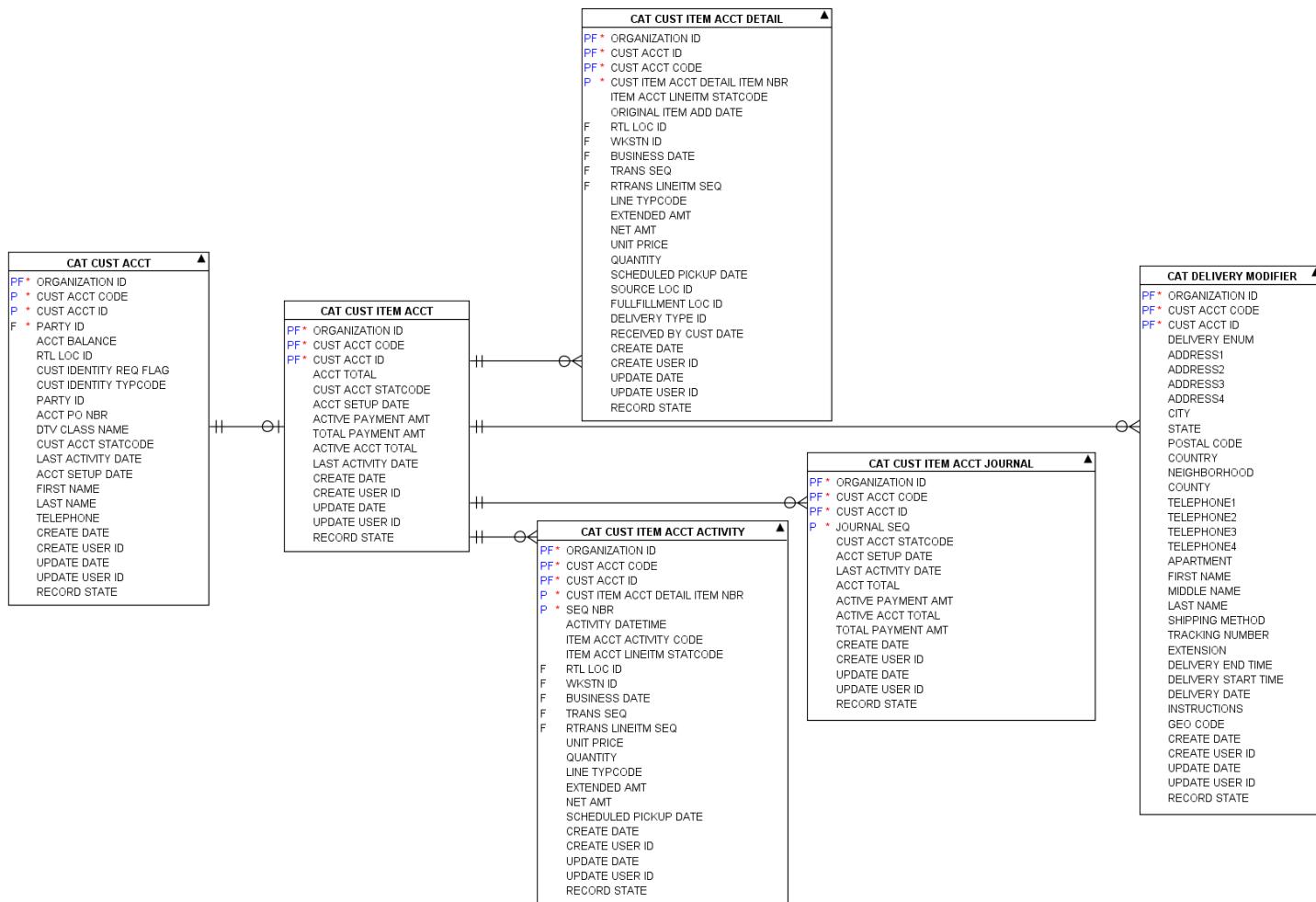


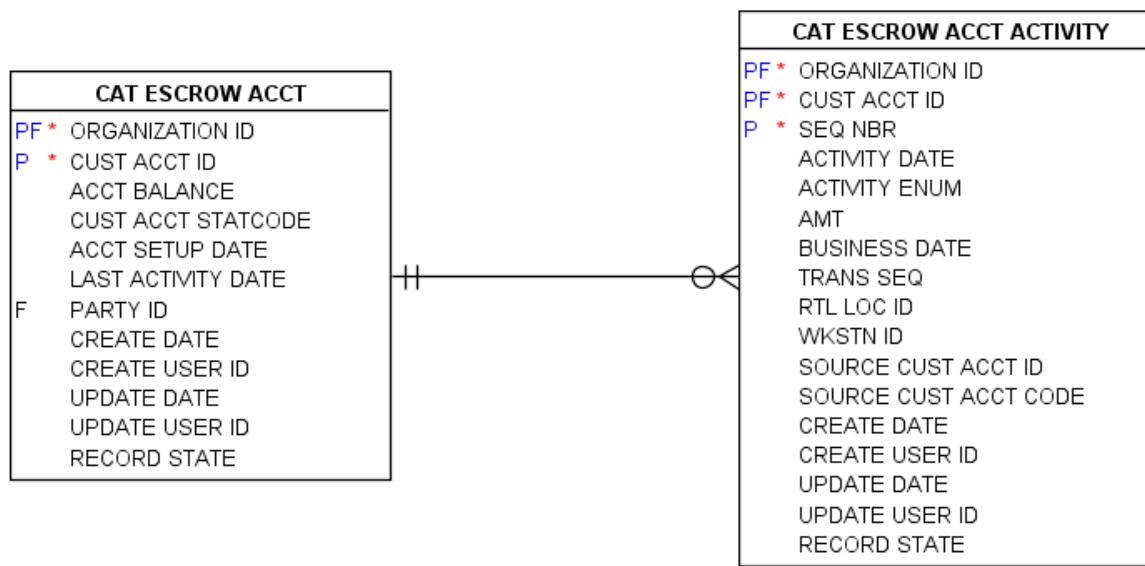


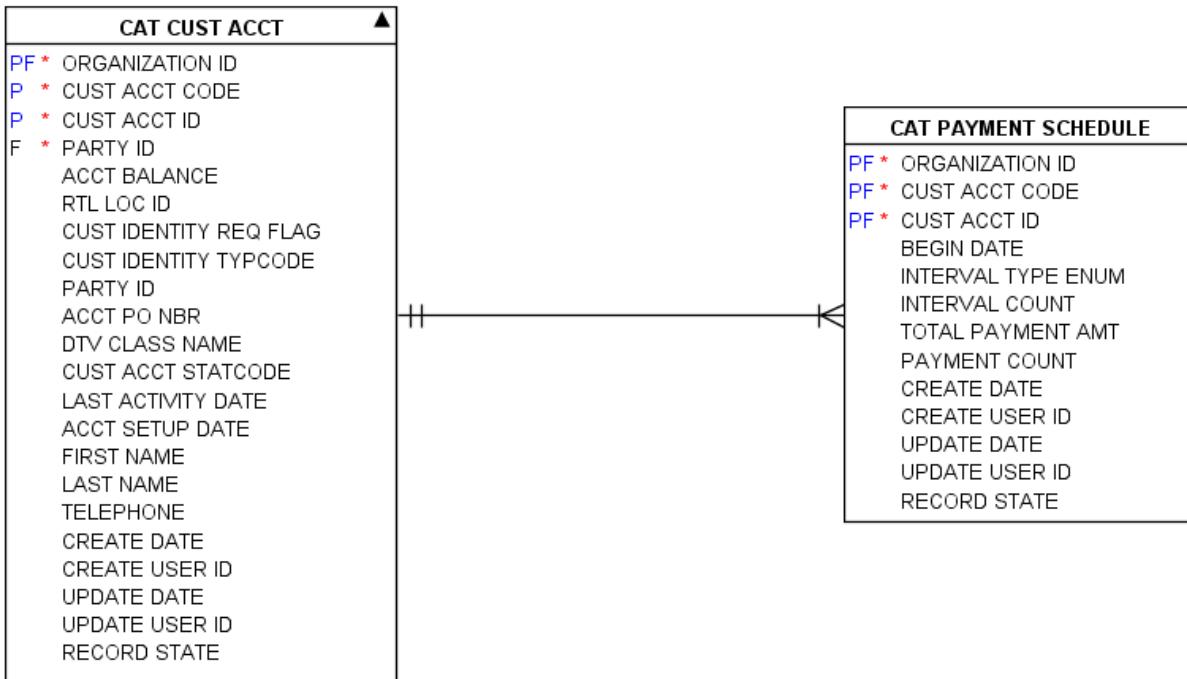




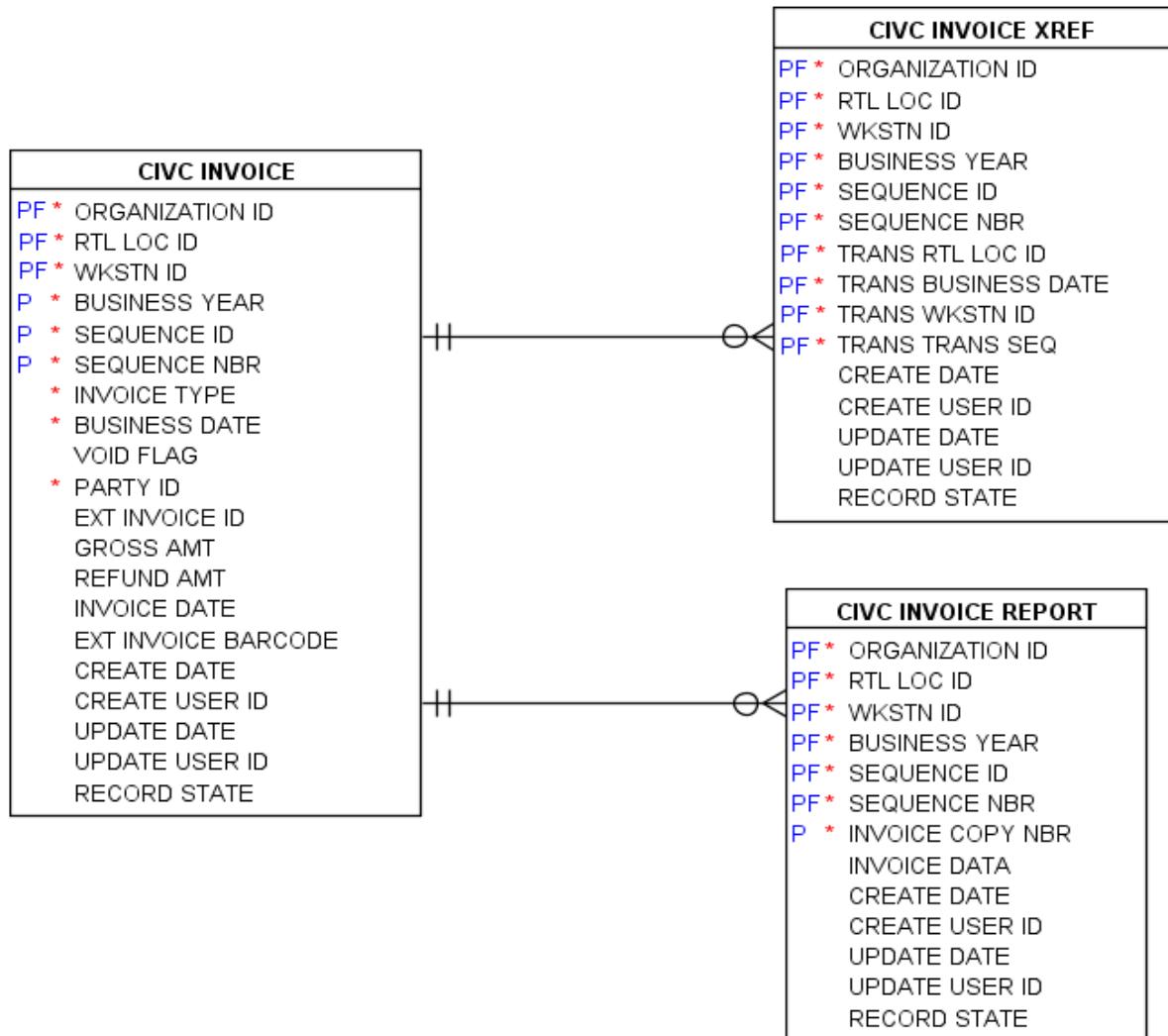




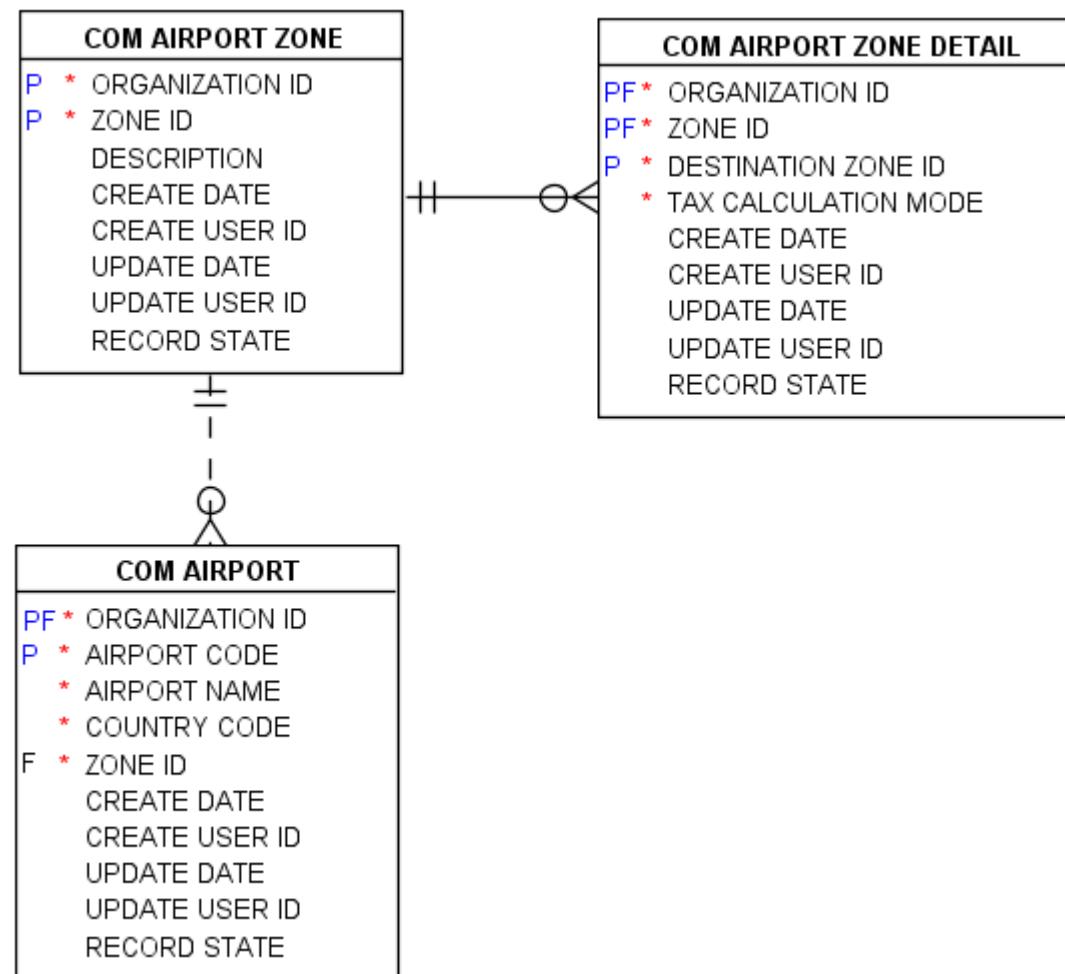


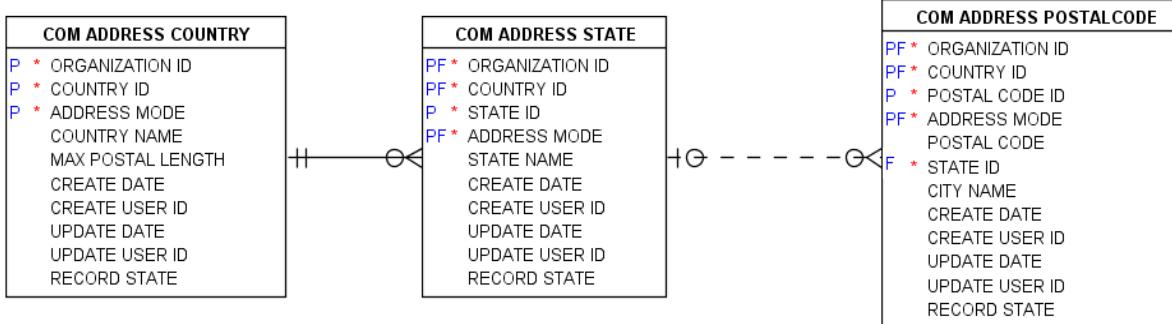


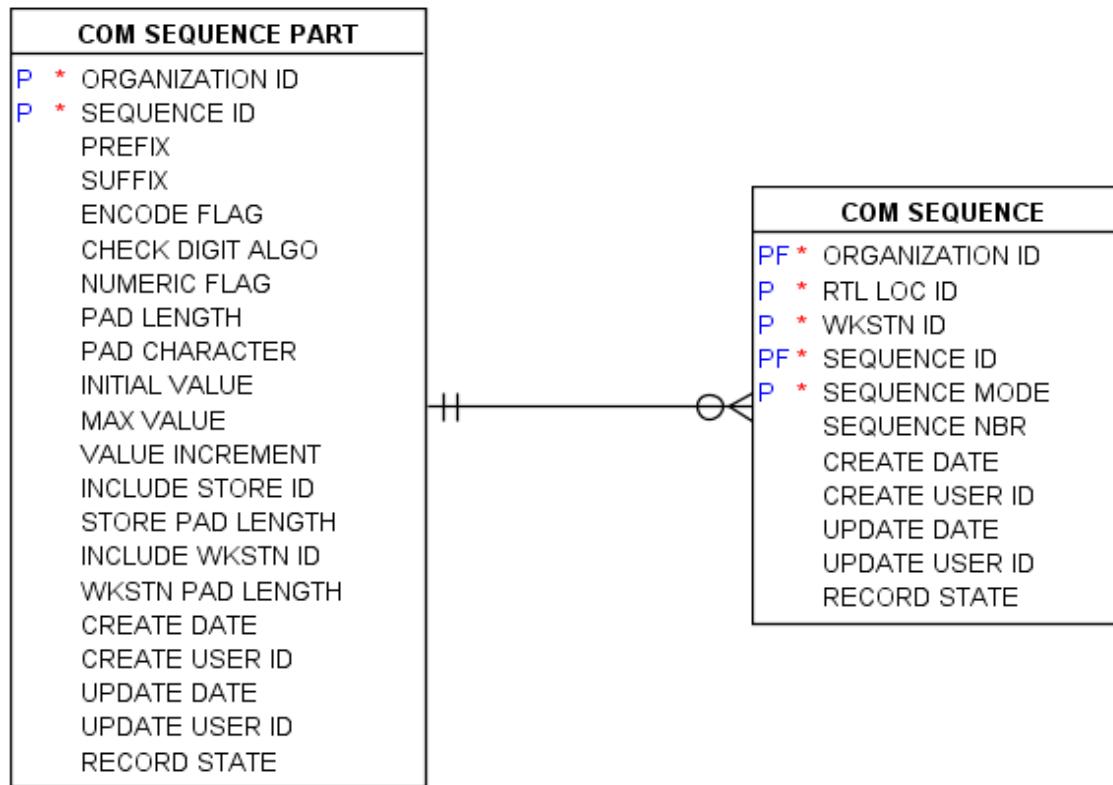
CIV DOMAIN



COM DOMAIN

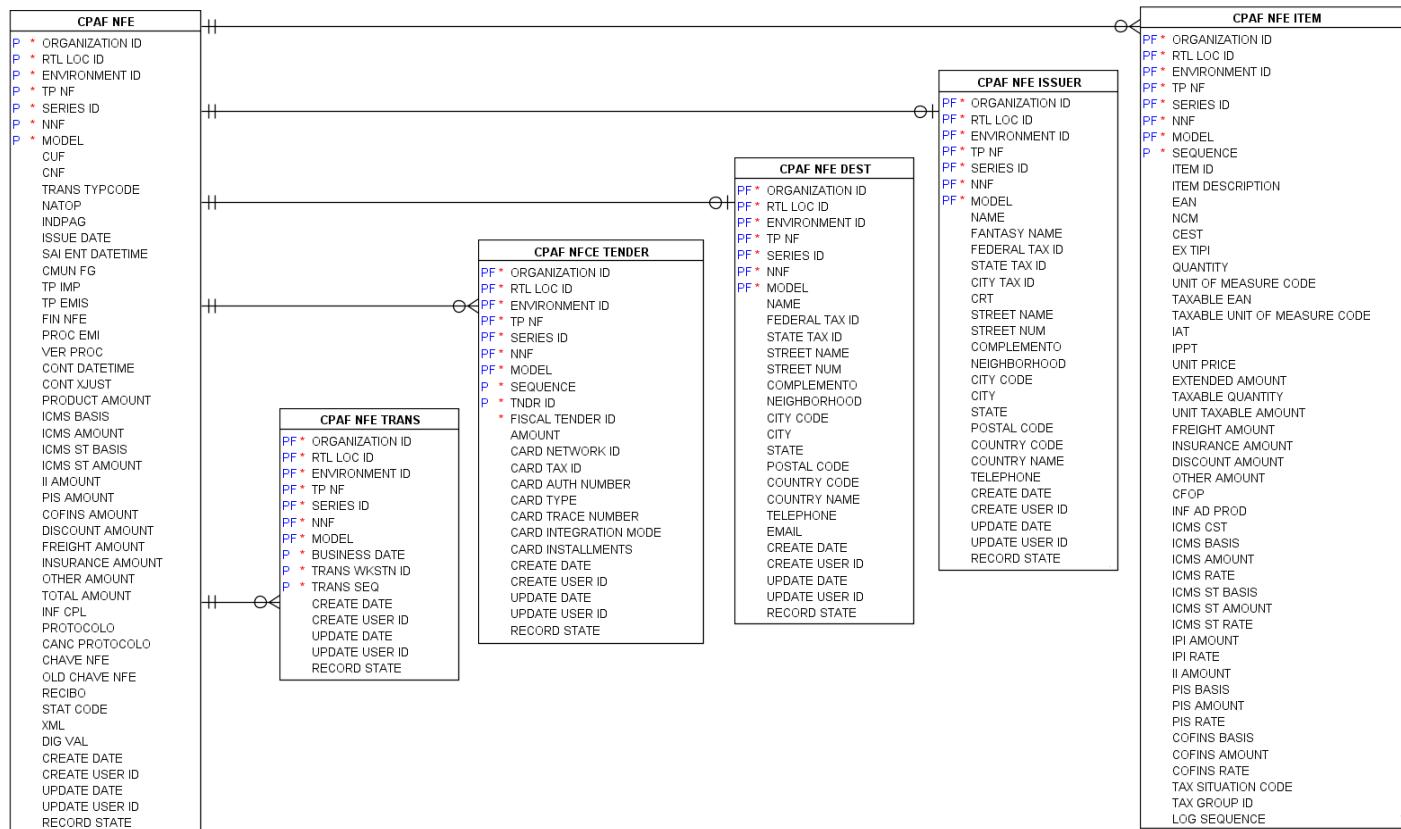


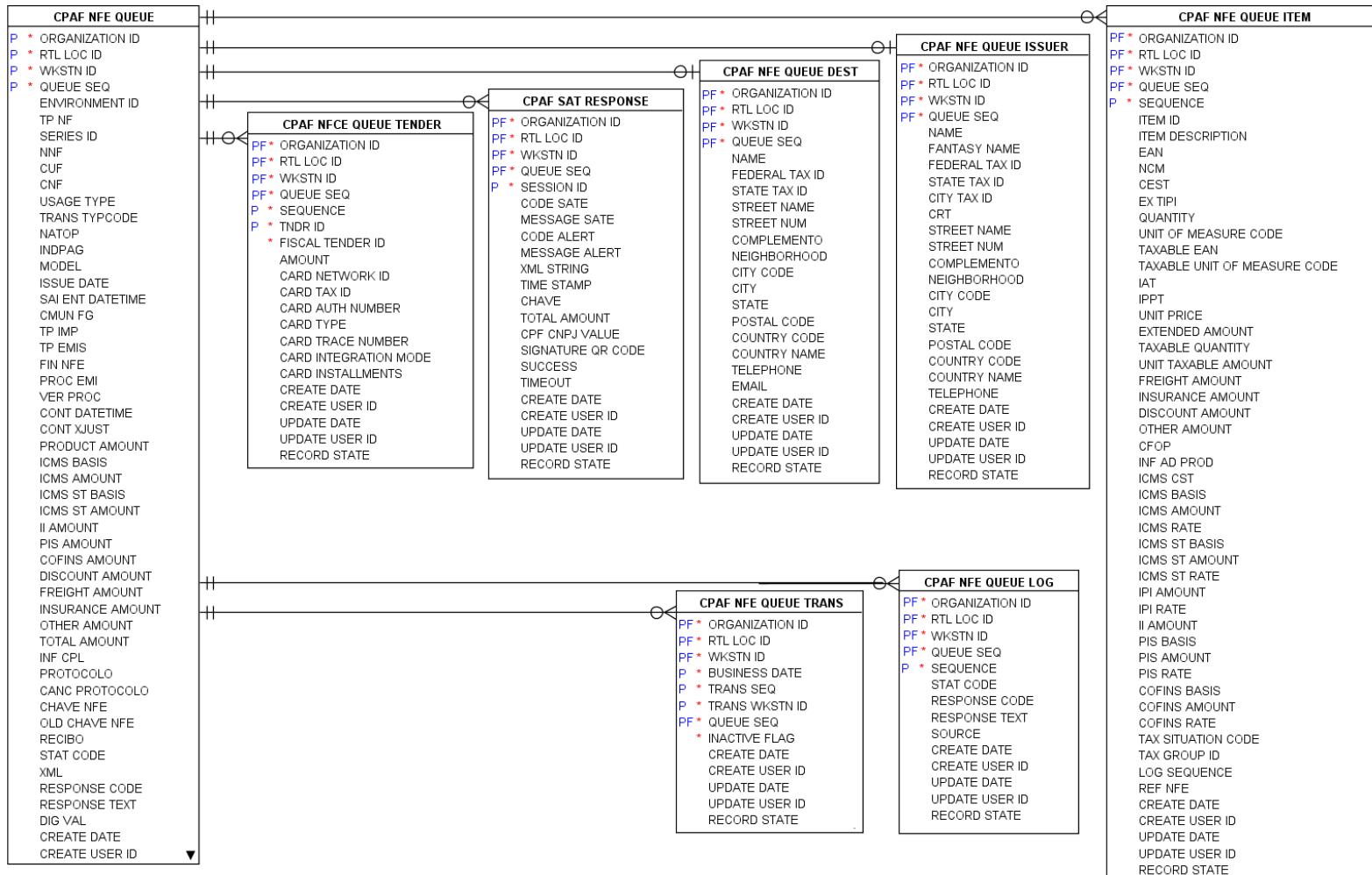




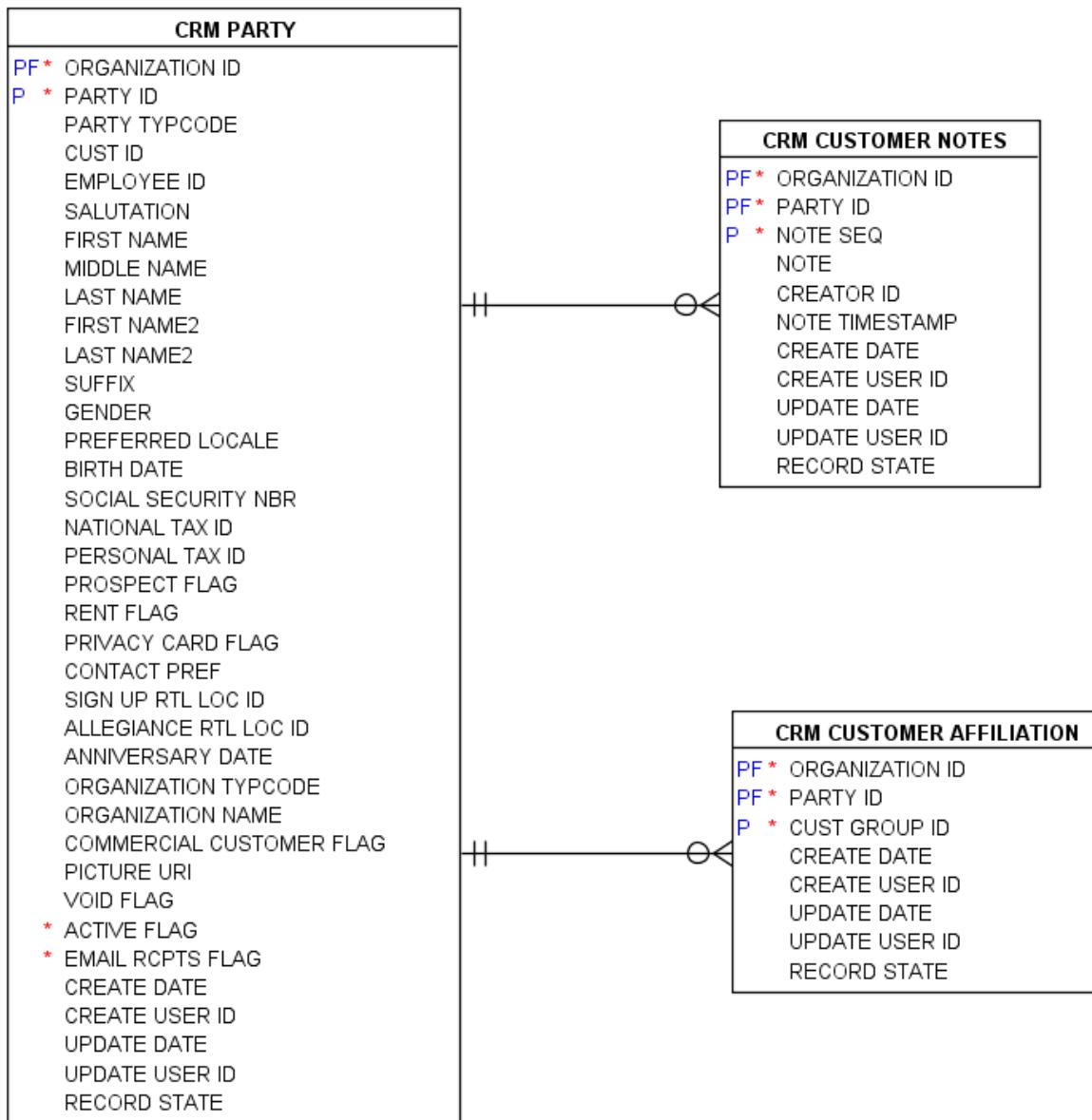


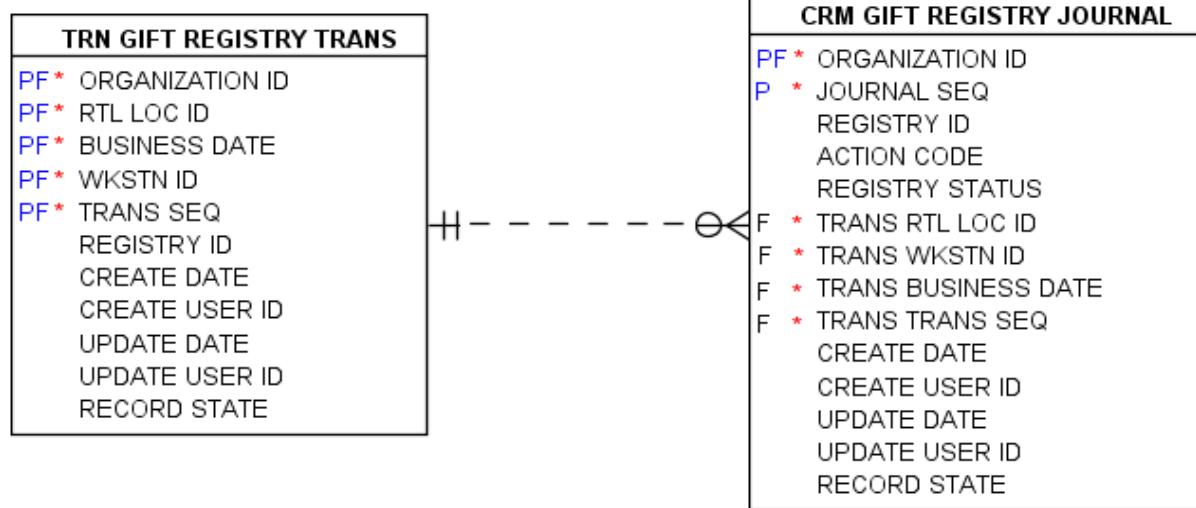
CPAF DOMAIN

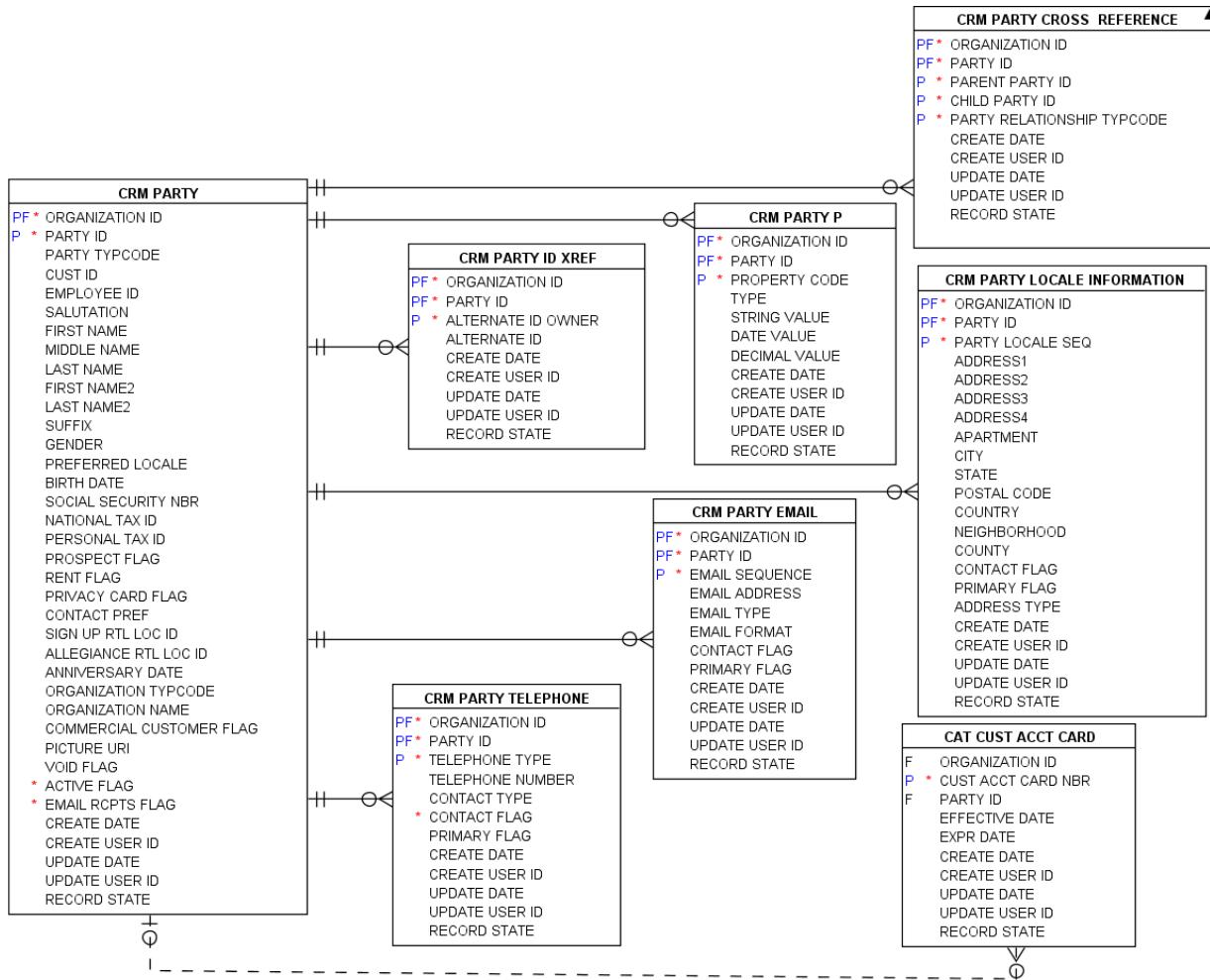




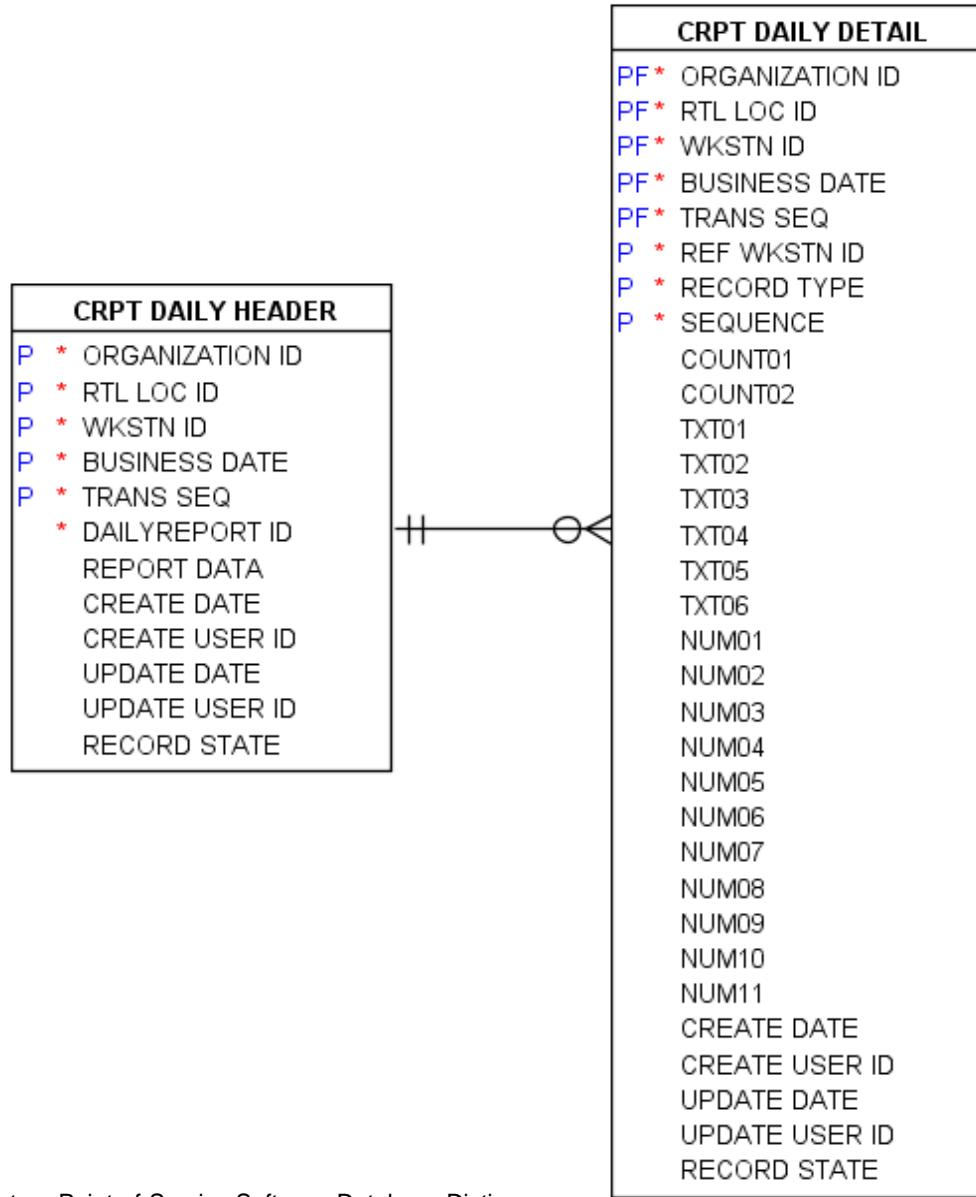
CRM DOMAIN



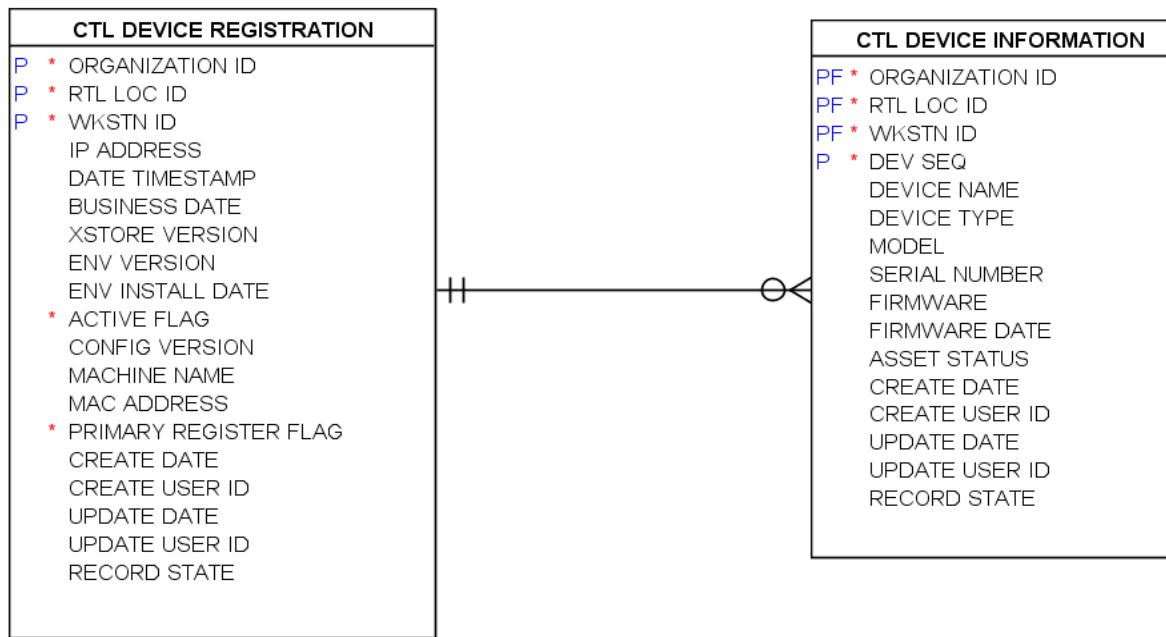




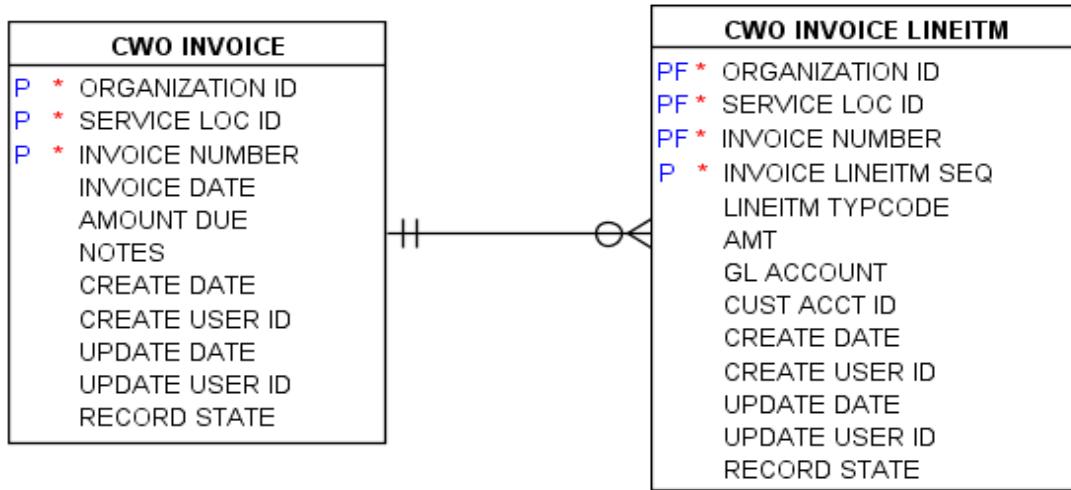
CRP DOMAIN

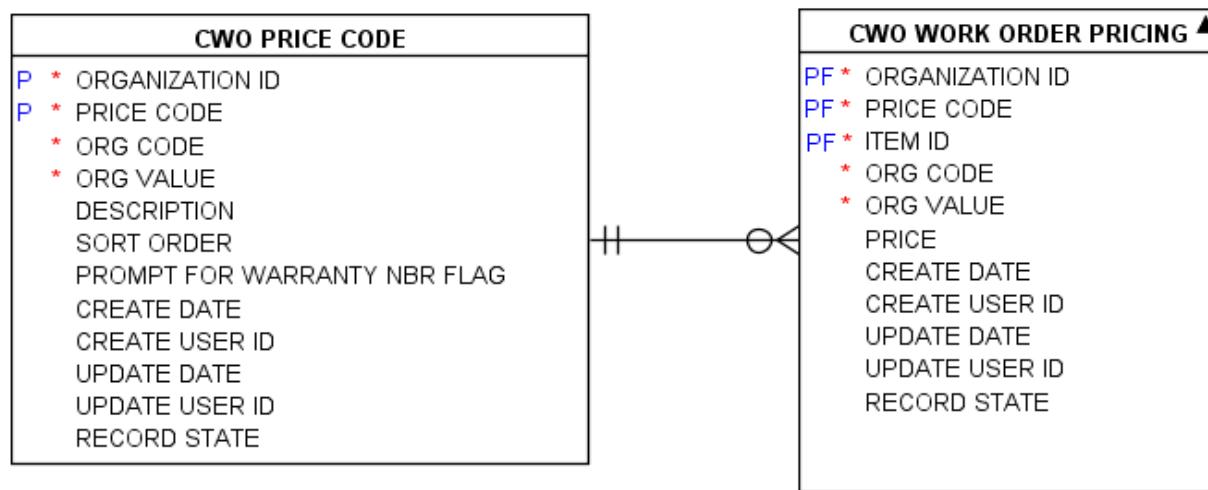


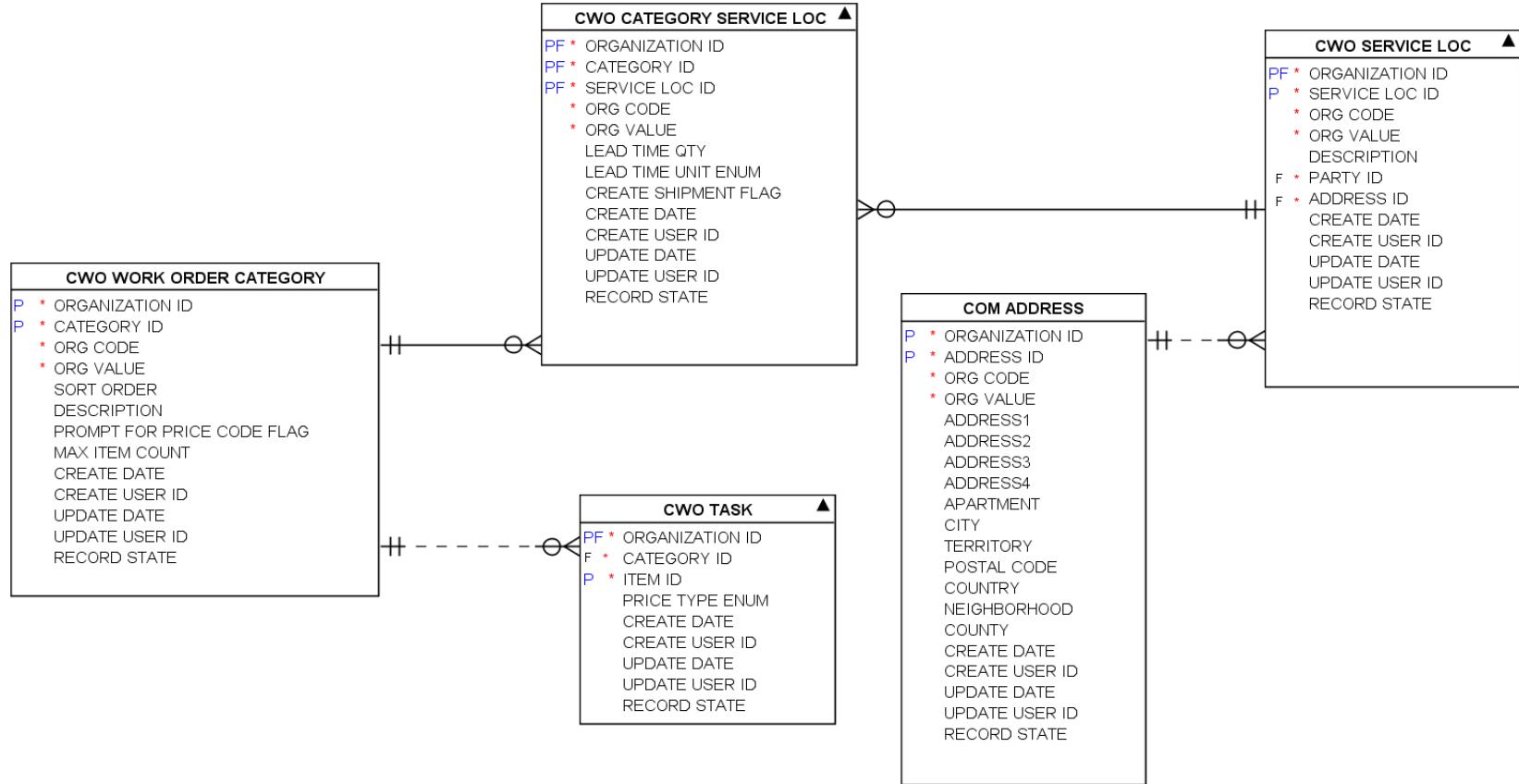
CTL DOMAIN

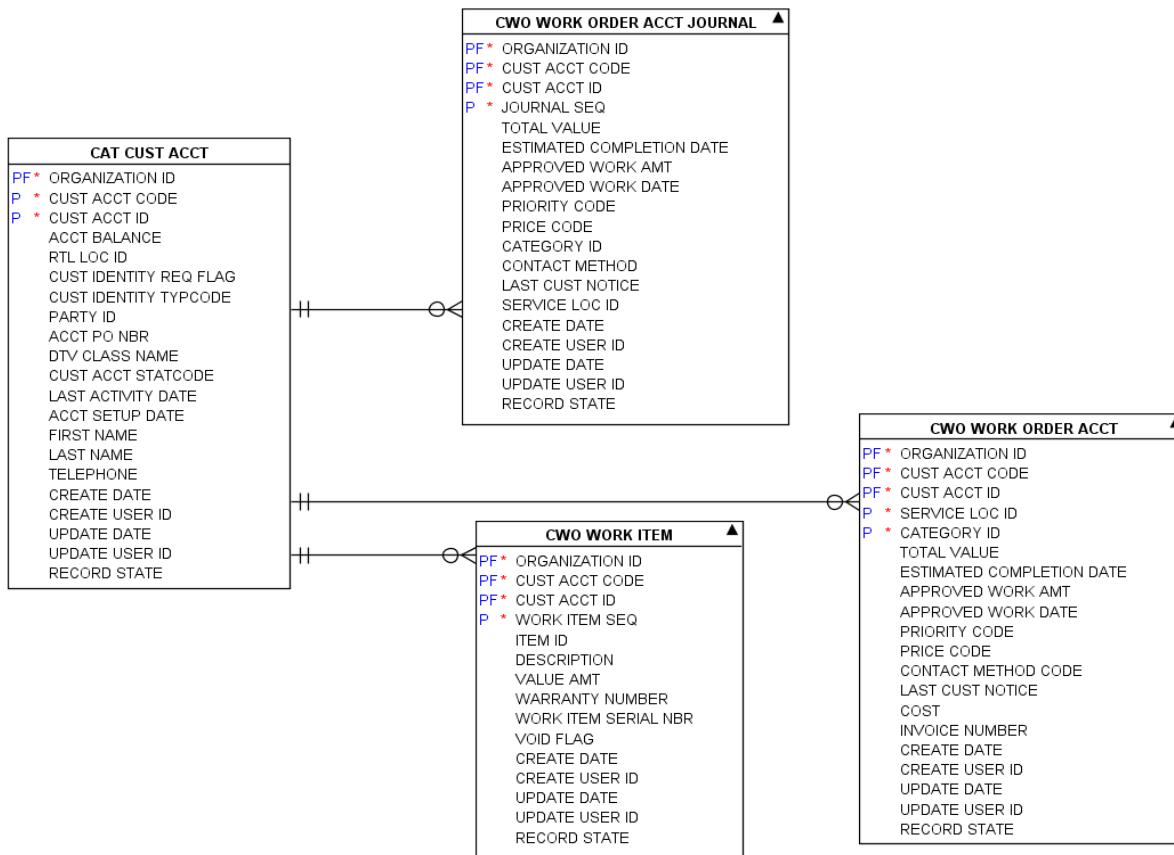


CWO DOMAIN

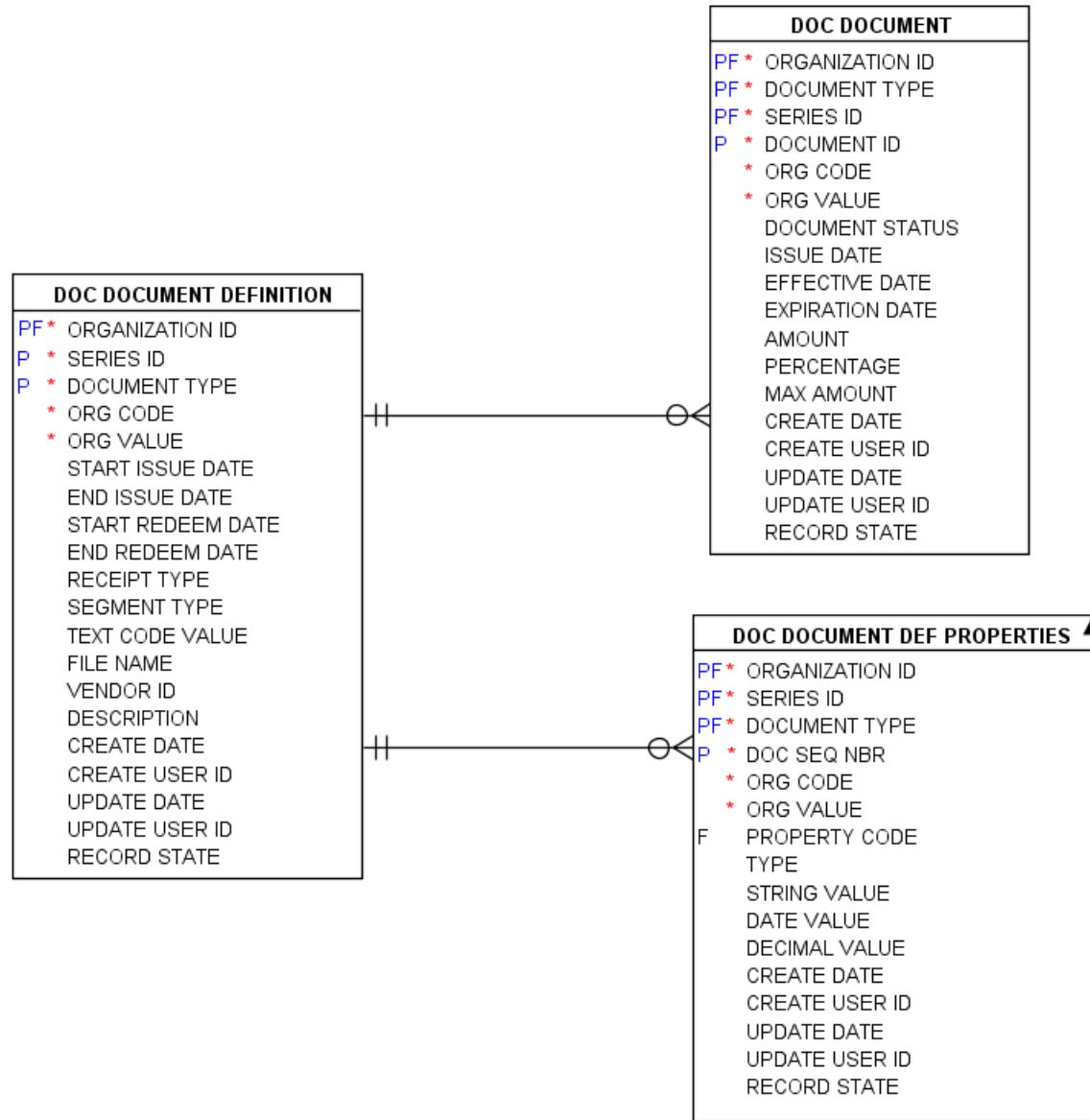


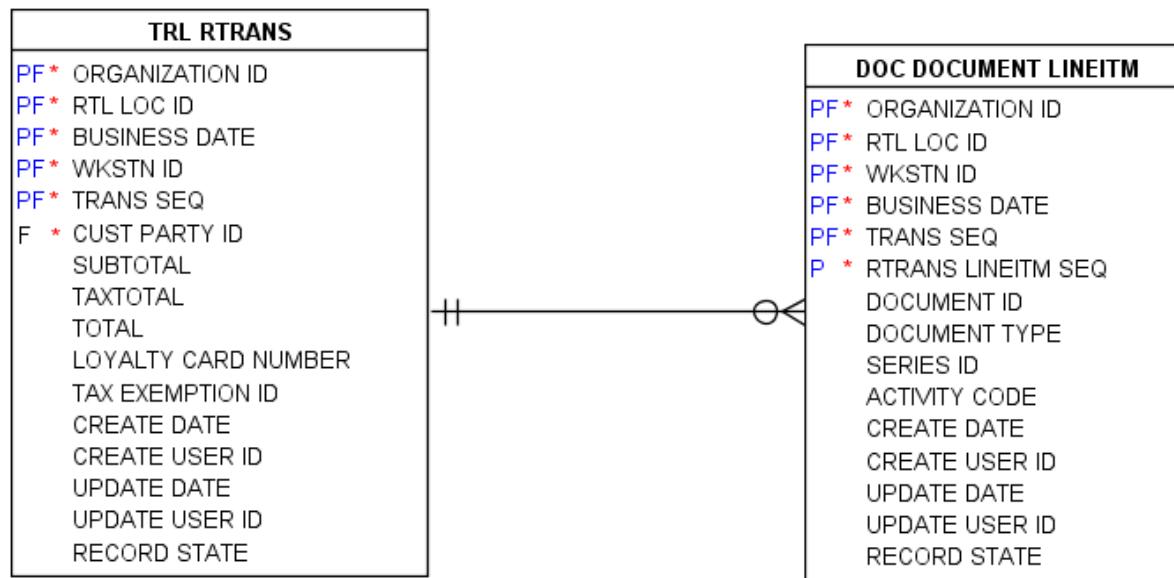




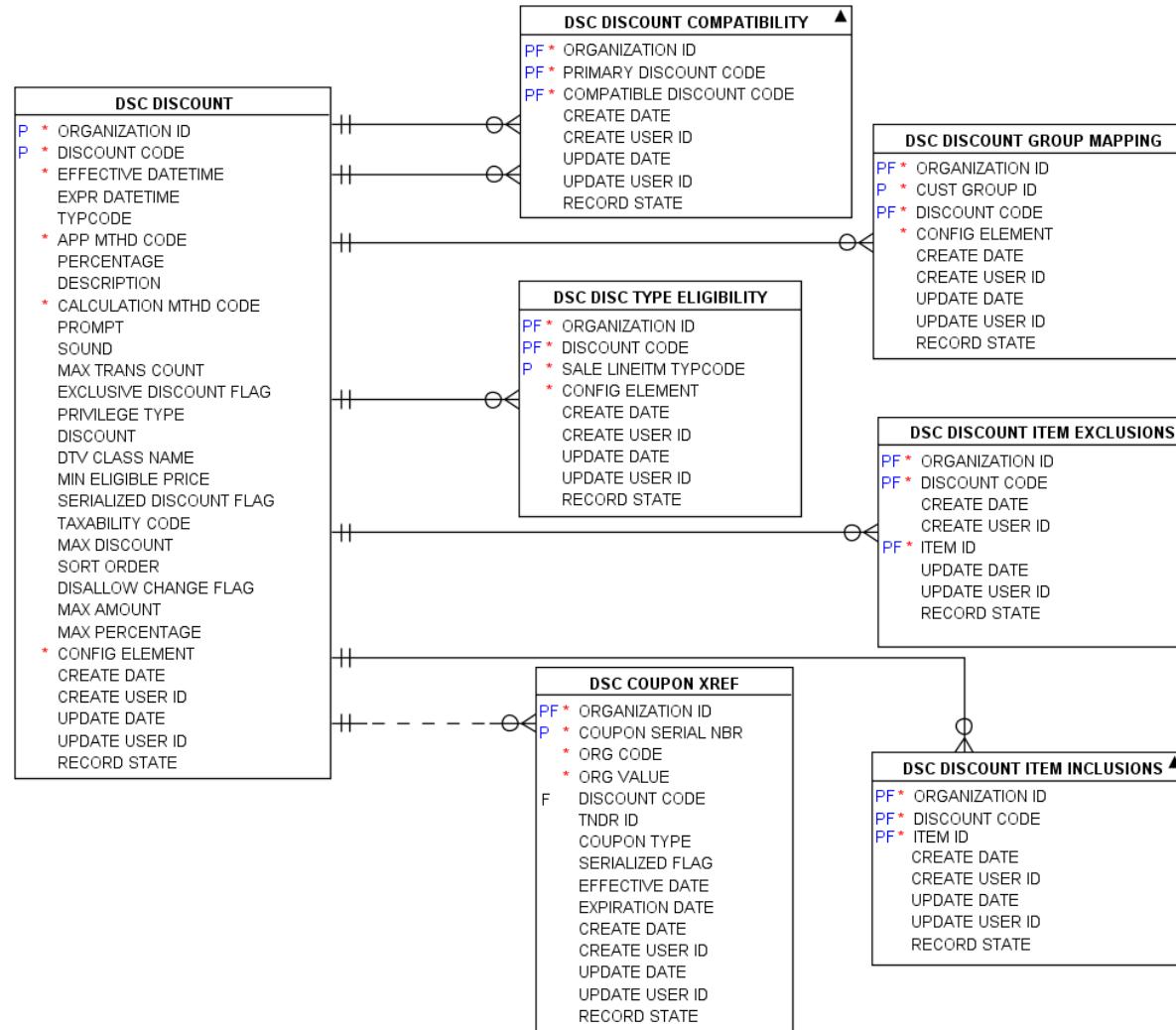


DOC DOMAIN

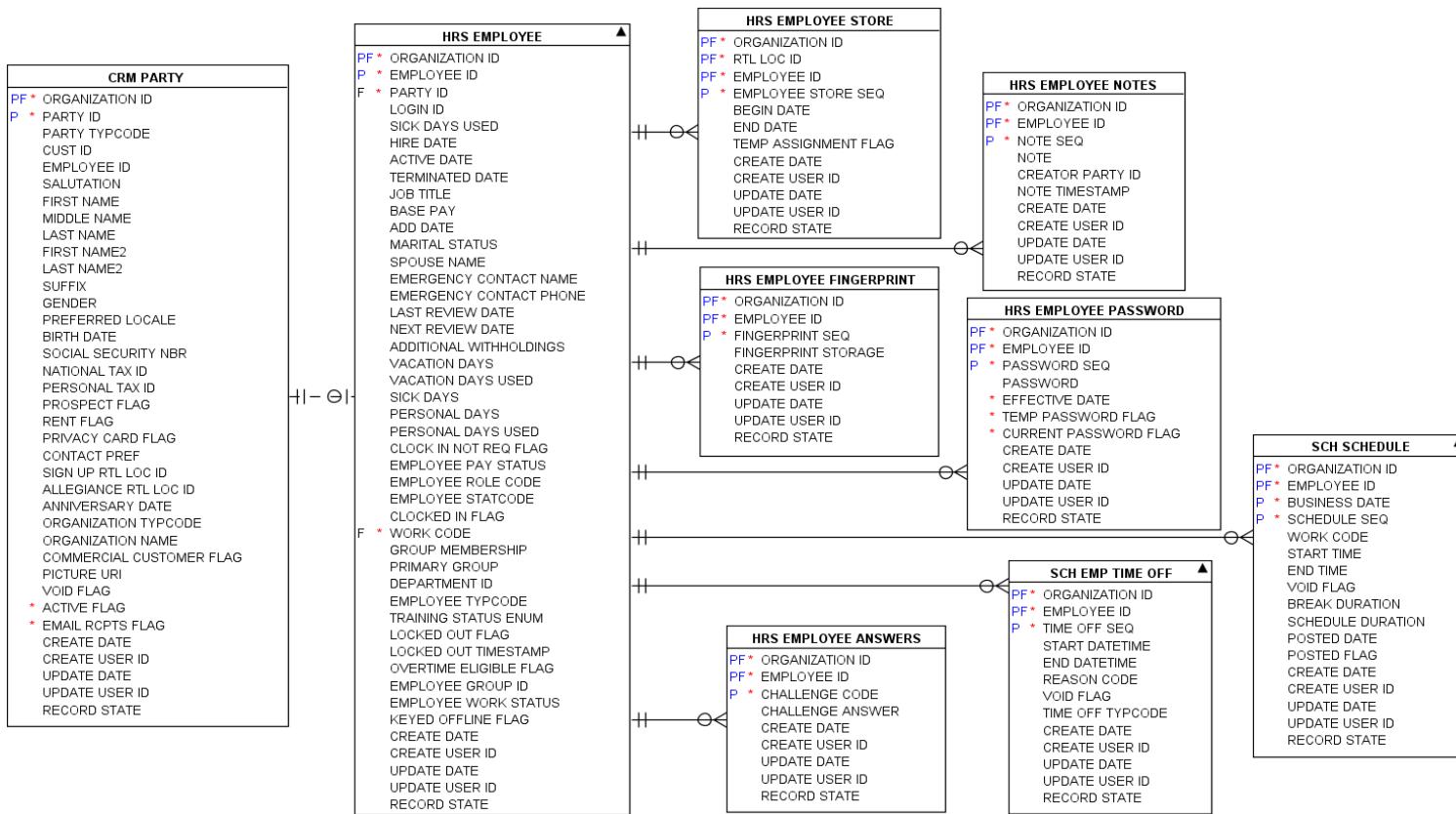


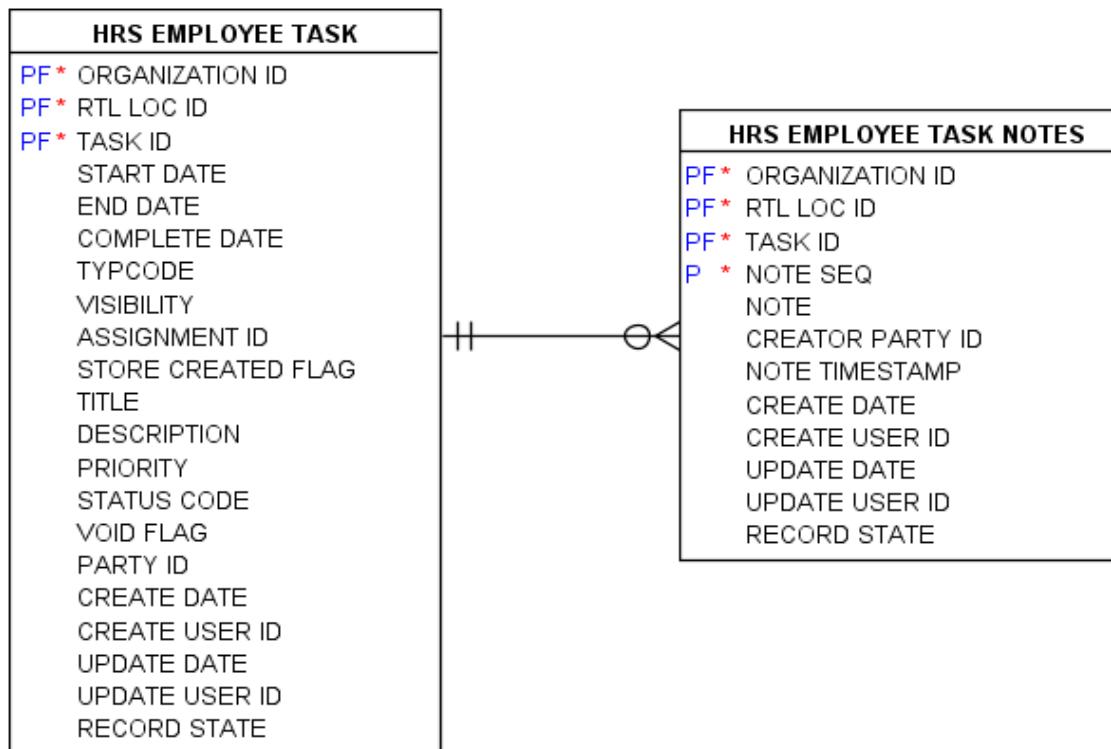


DSC DOMAIN

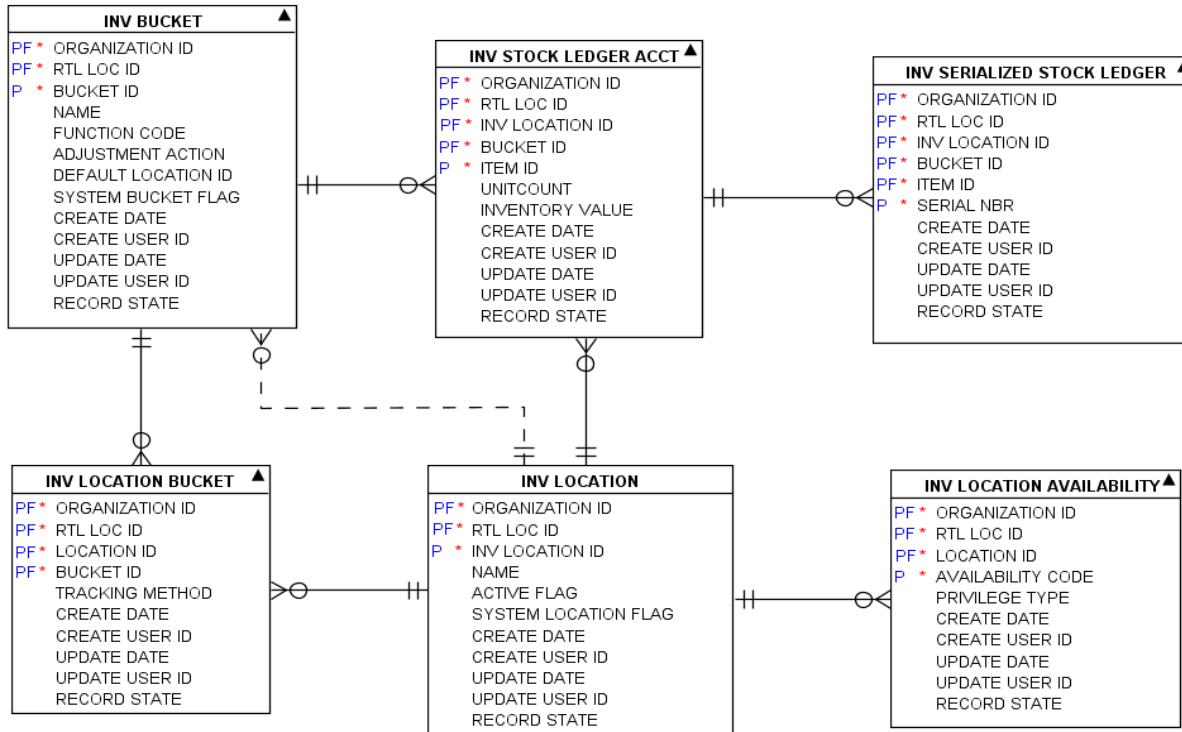


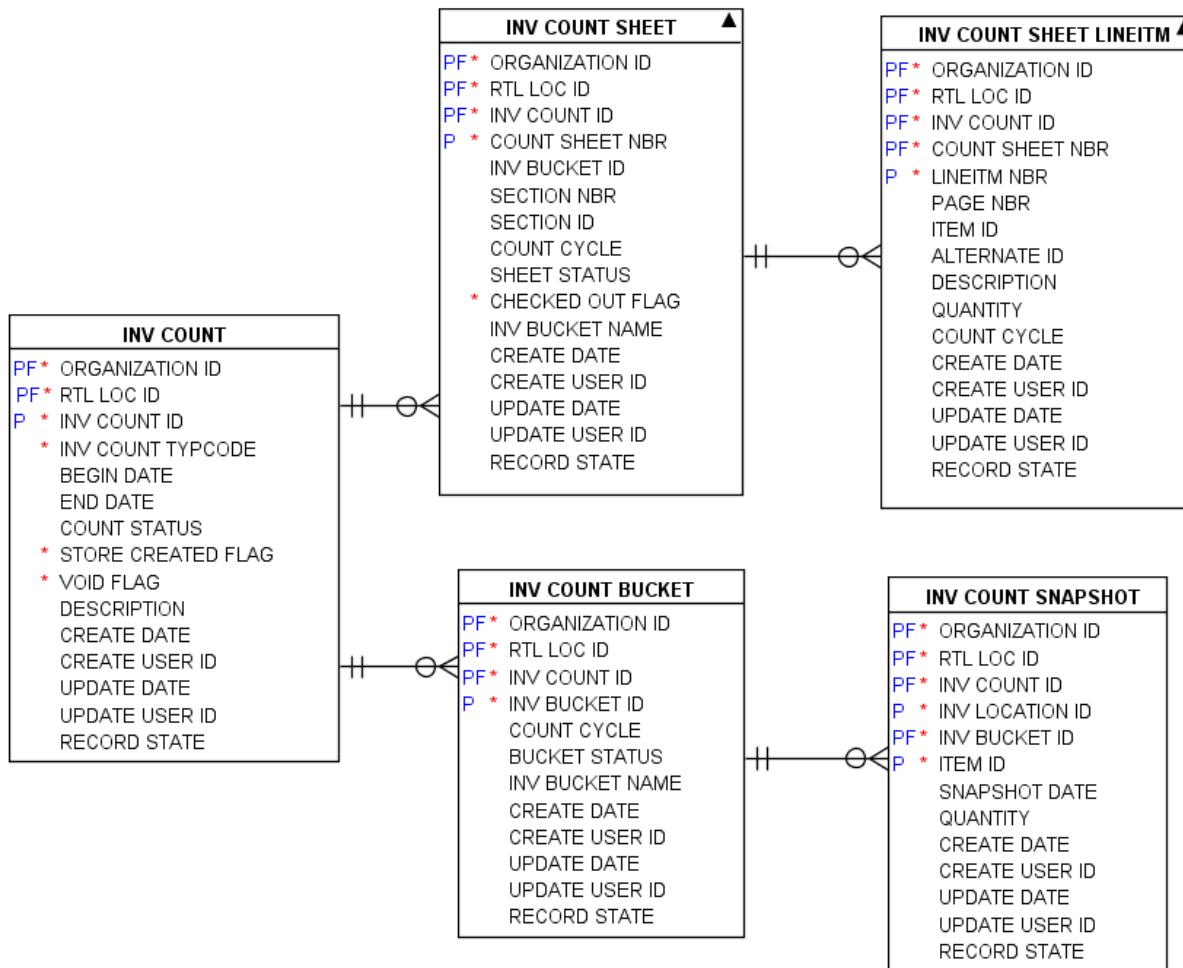
HRS DOMAIN

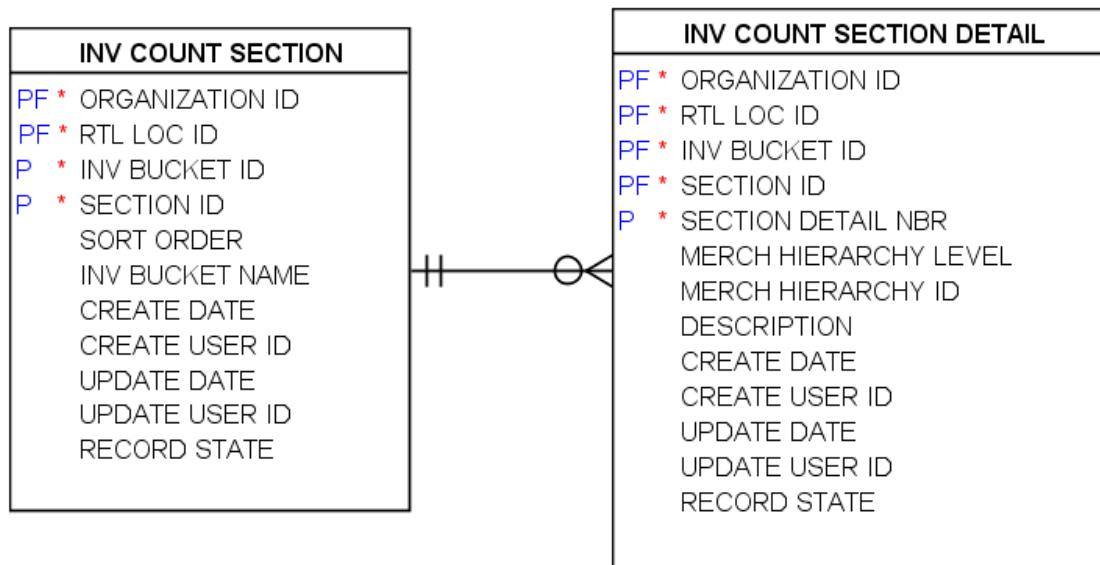


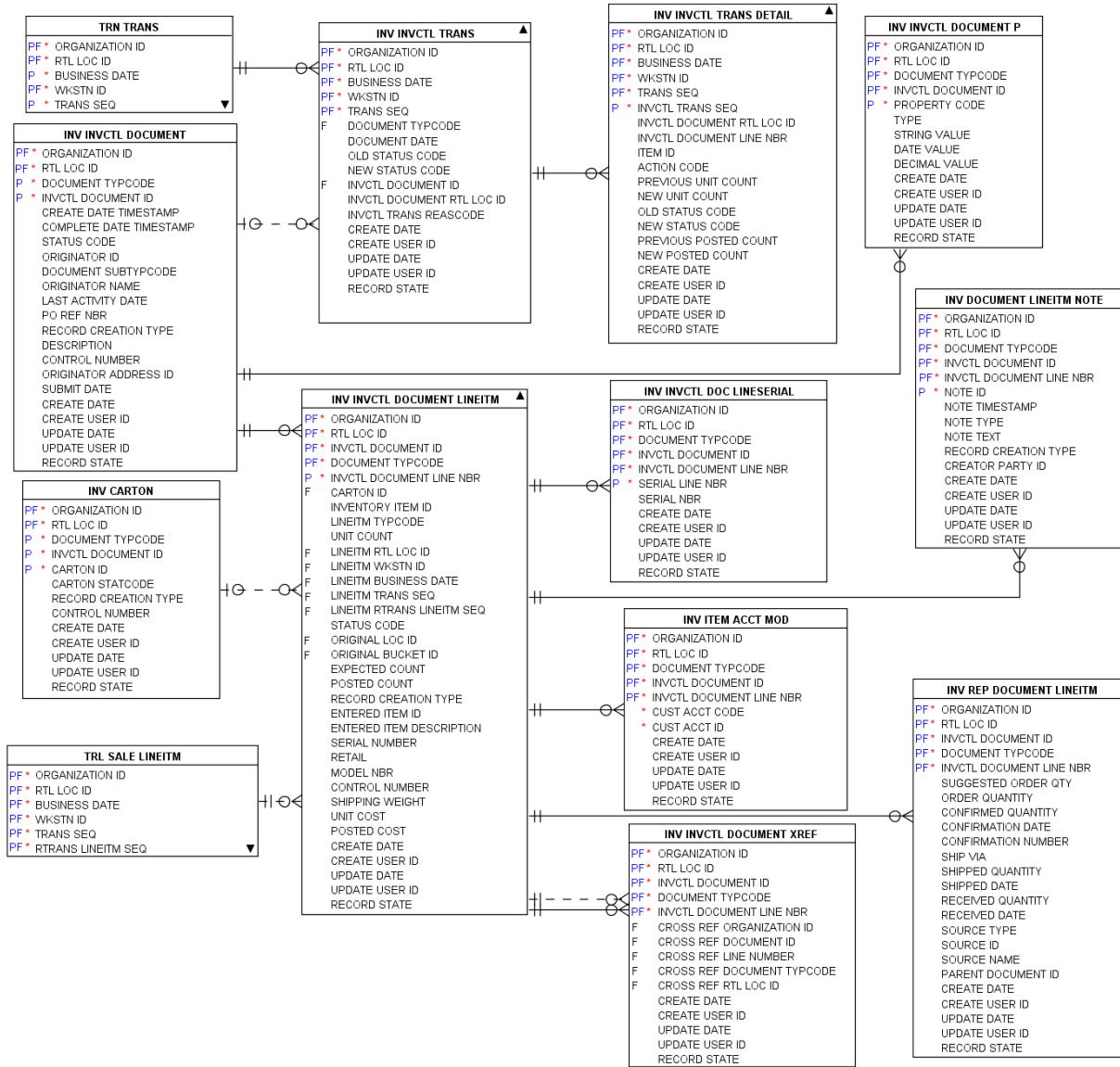


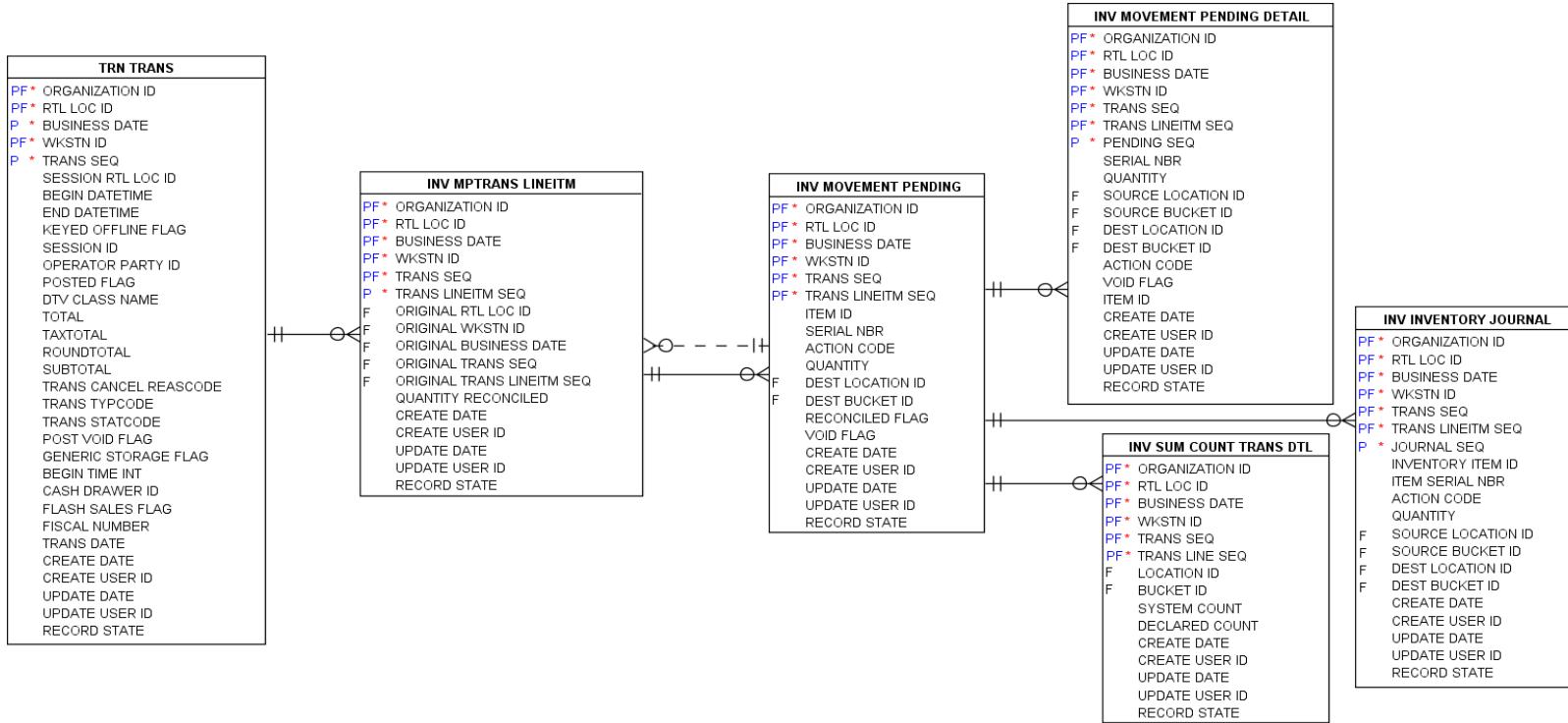
INV DOMAIN

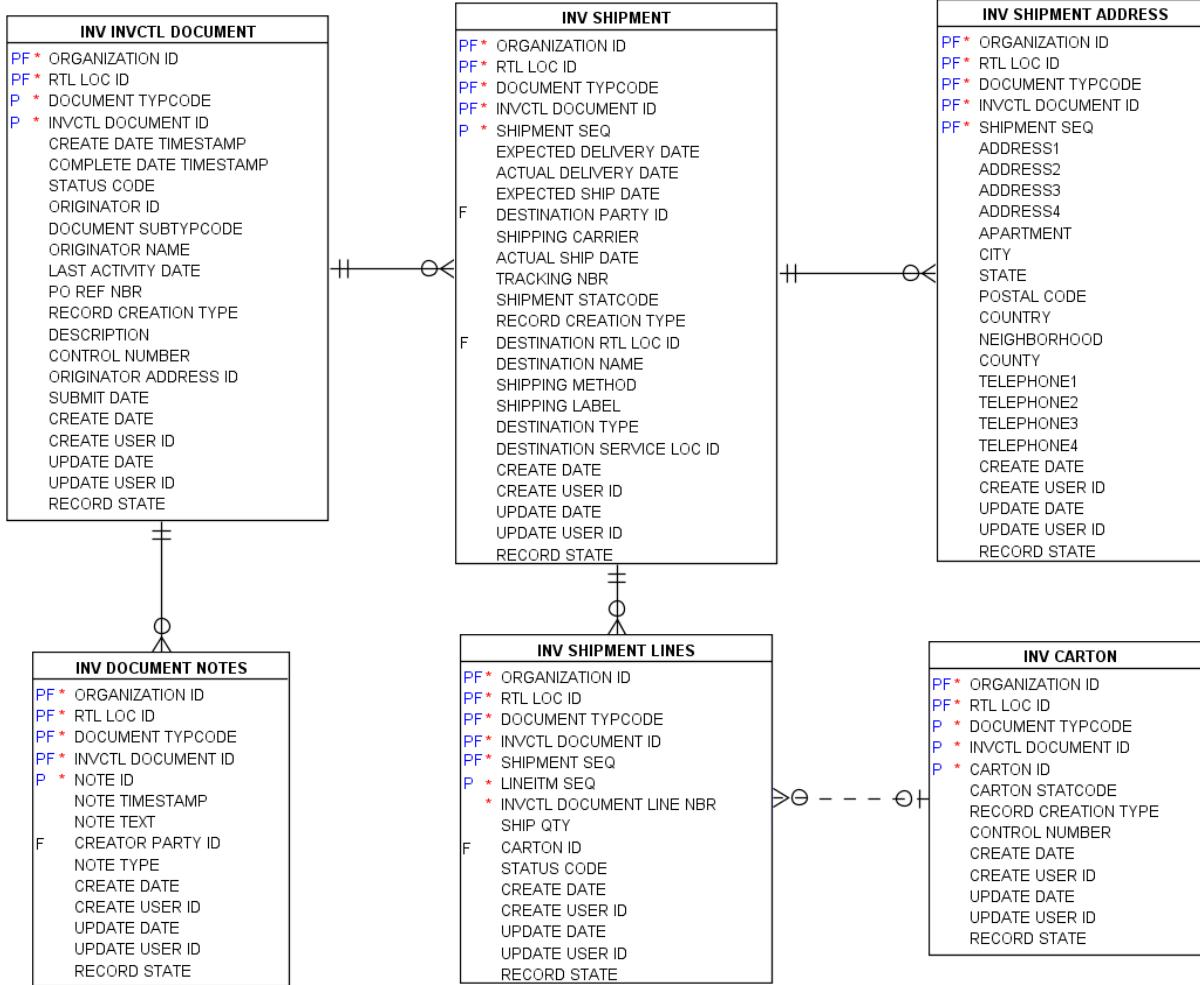


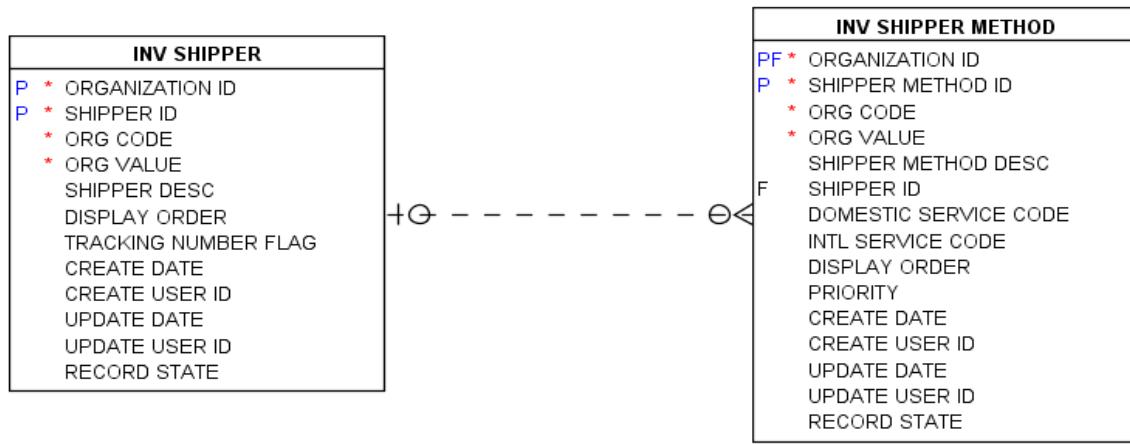




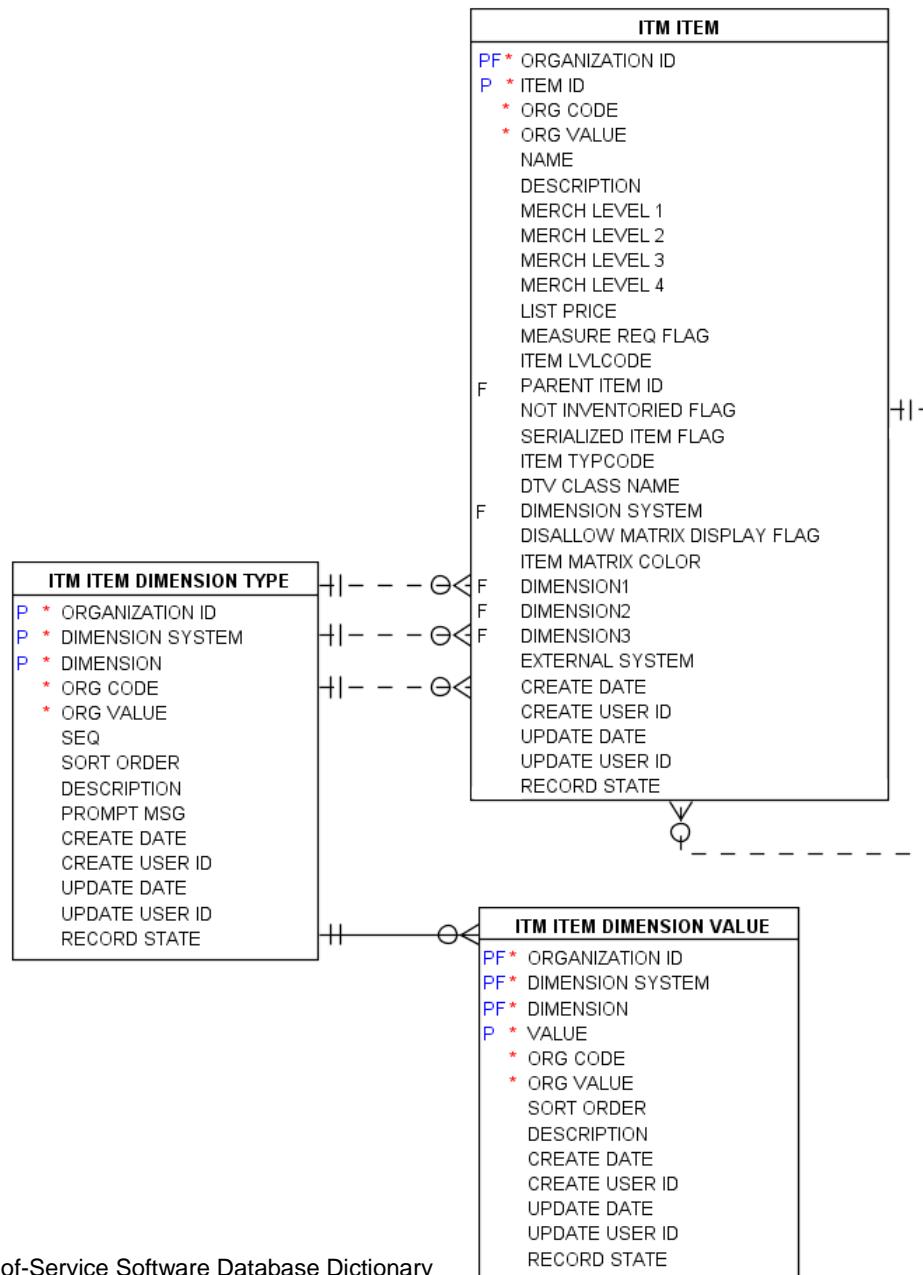


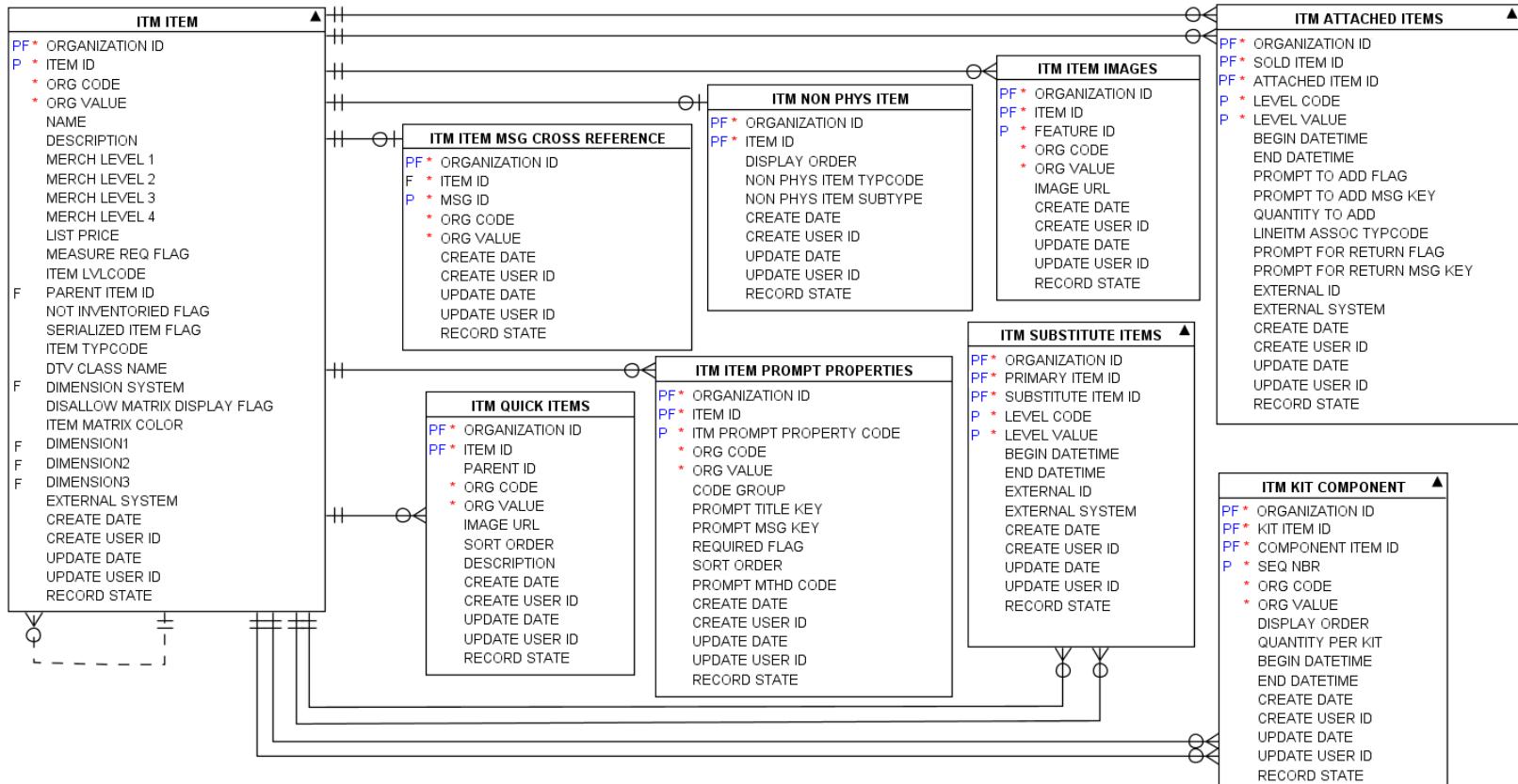


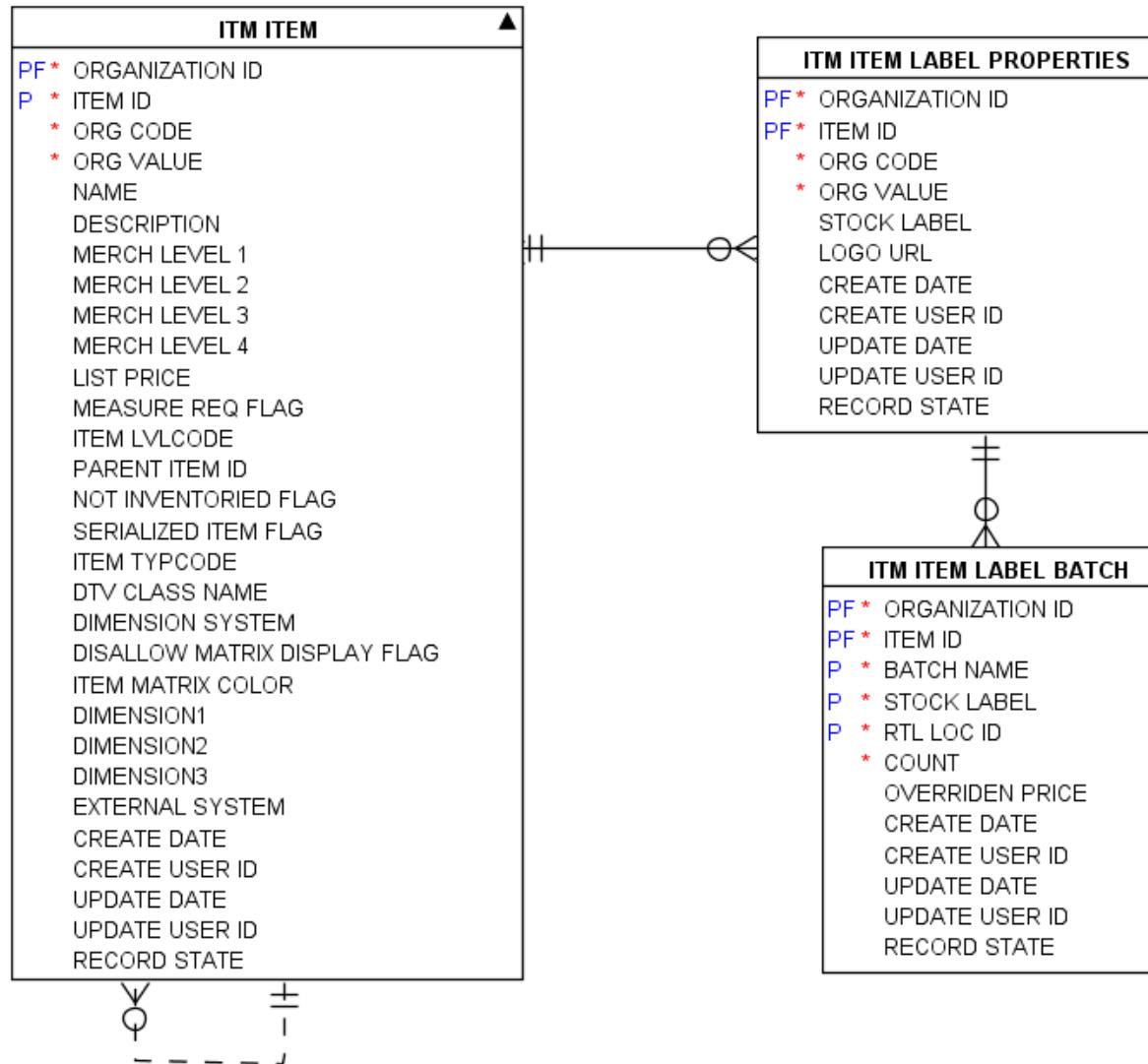


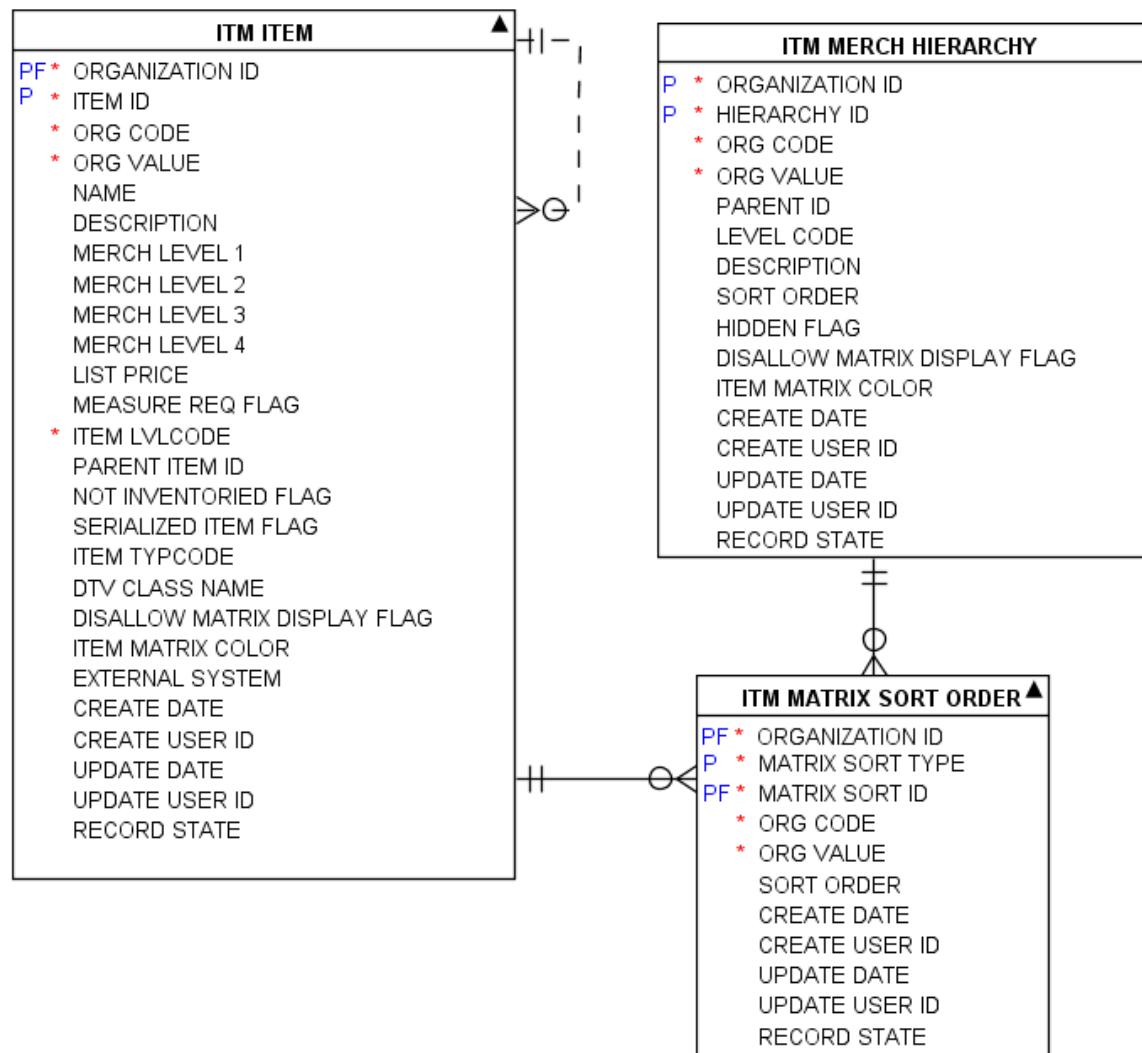


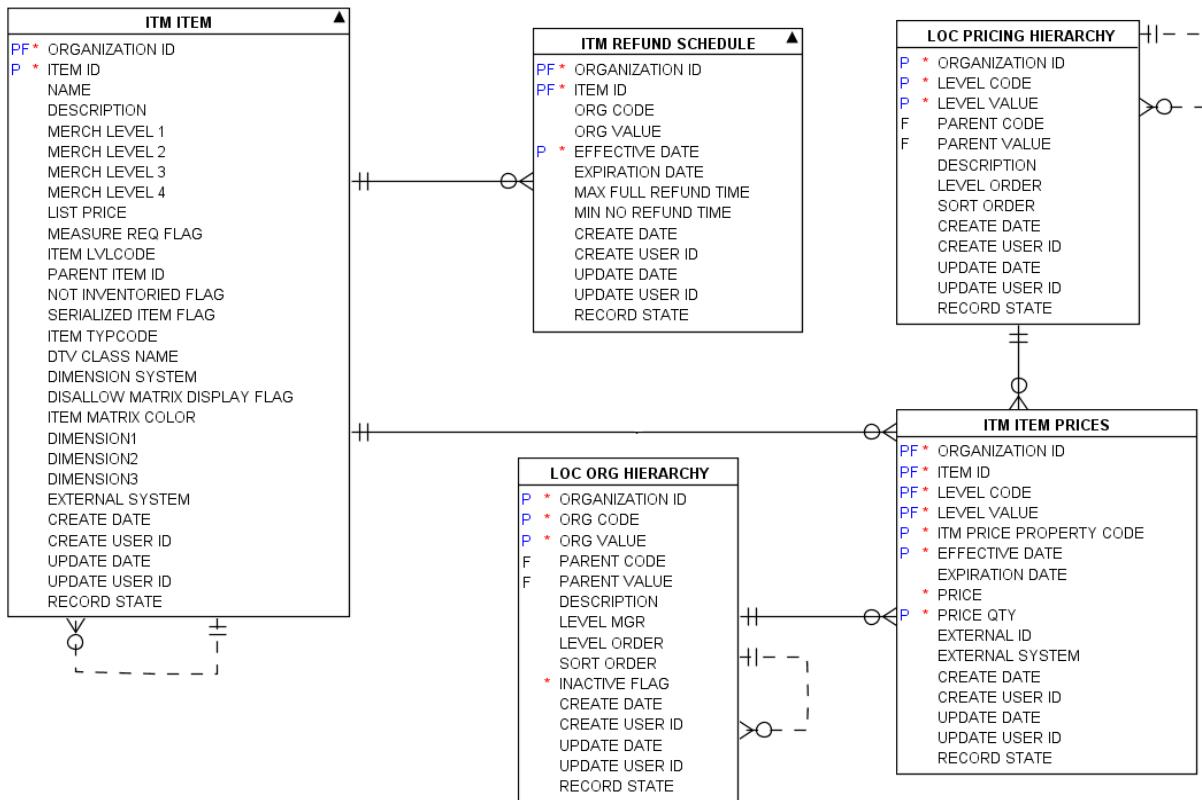
ITM DOMAIN

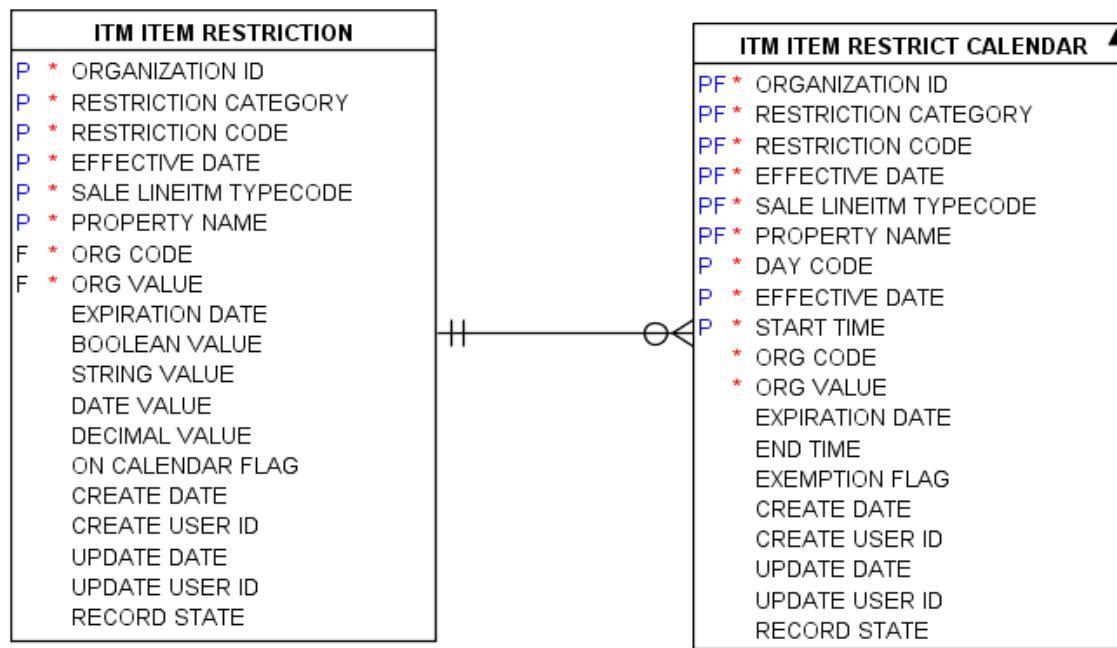


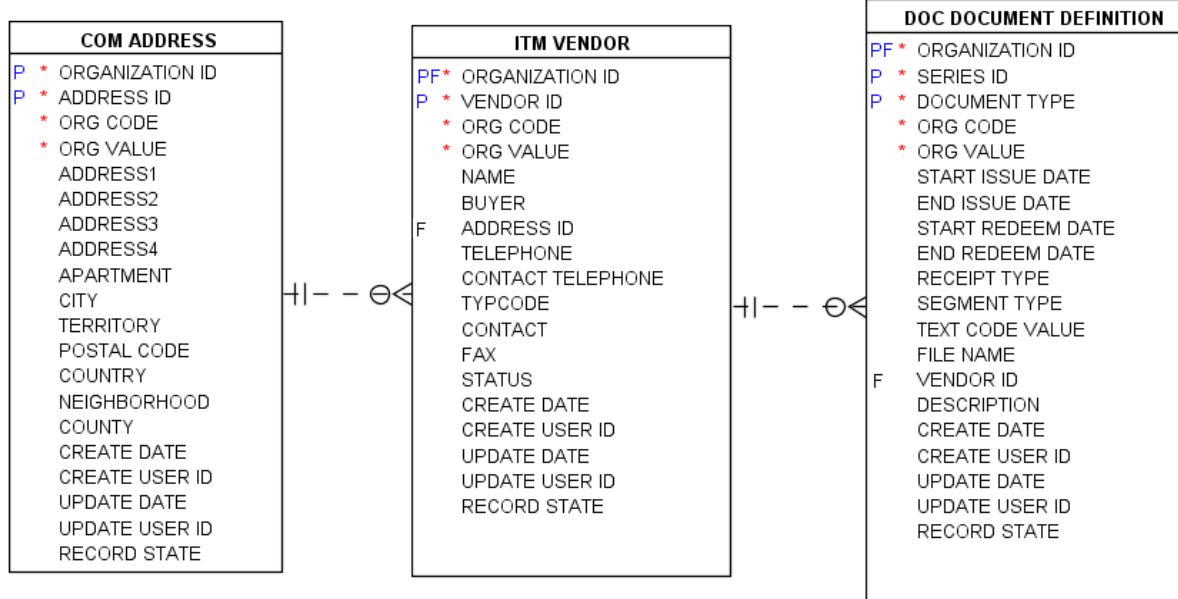


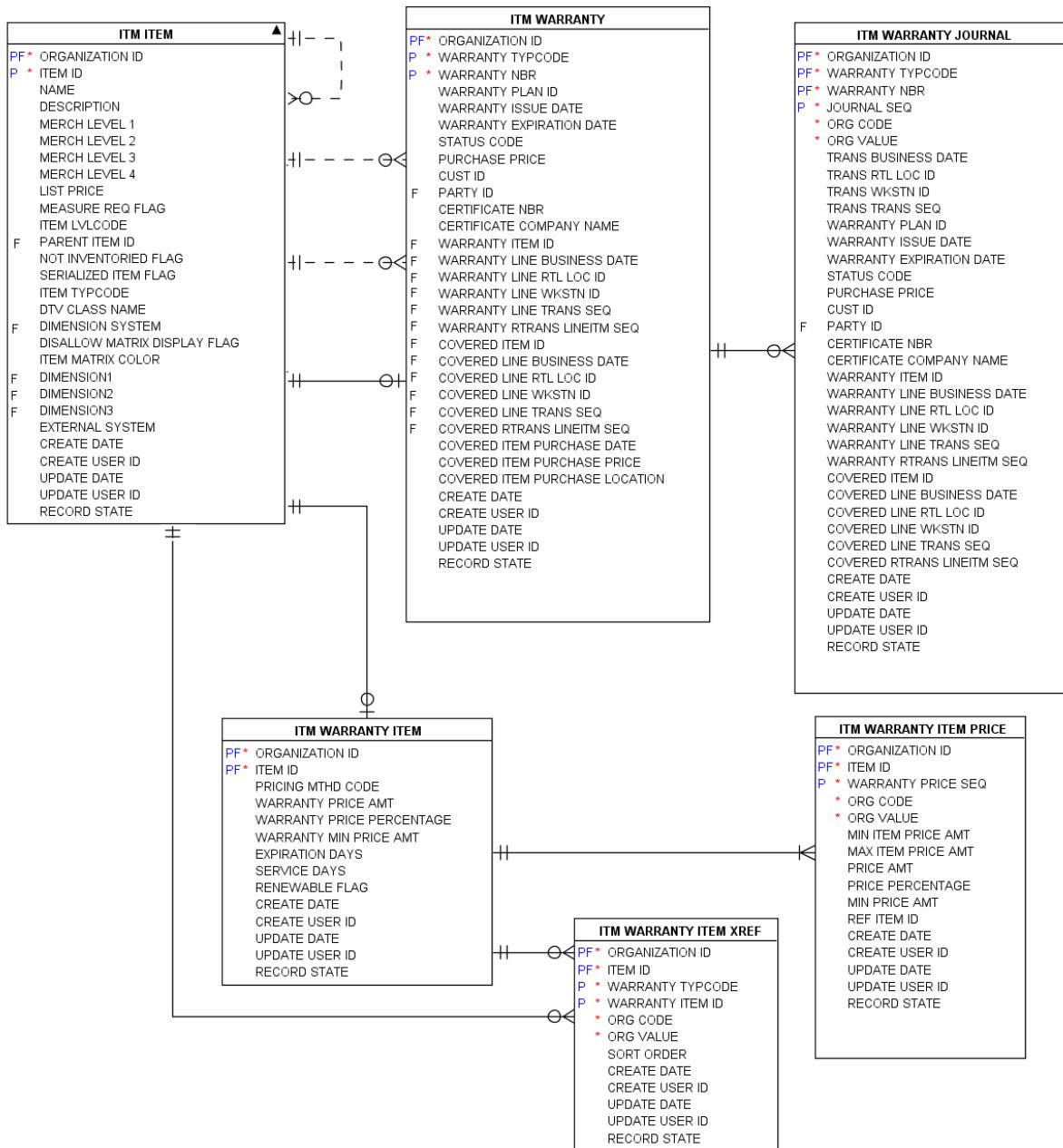




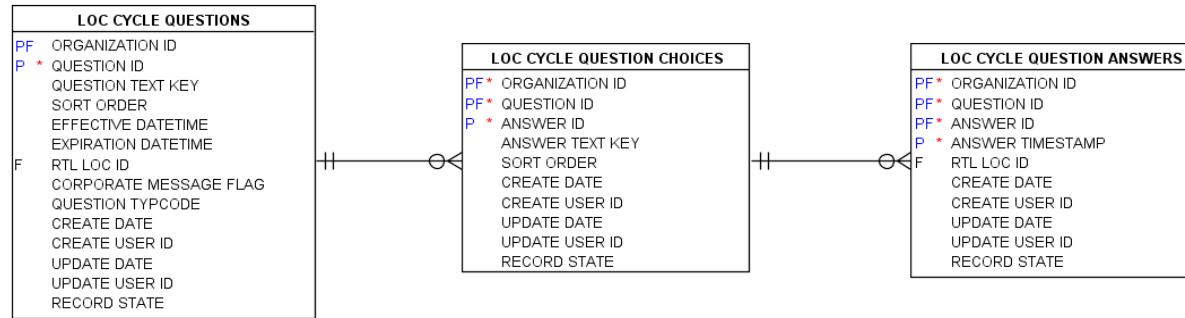


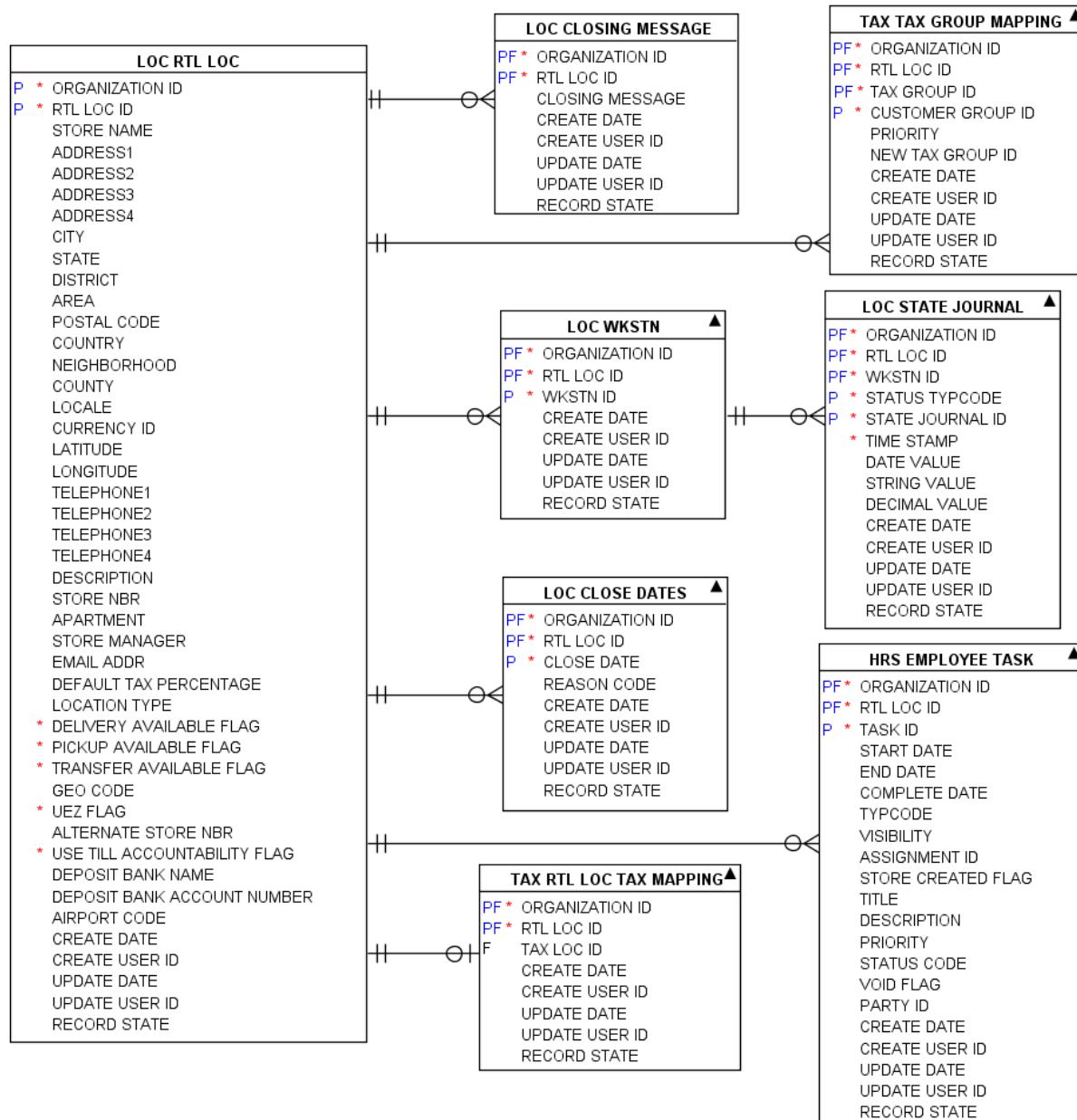




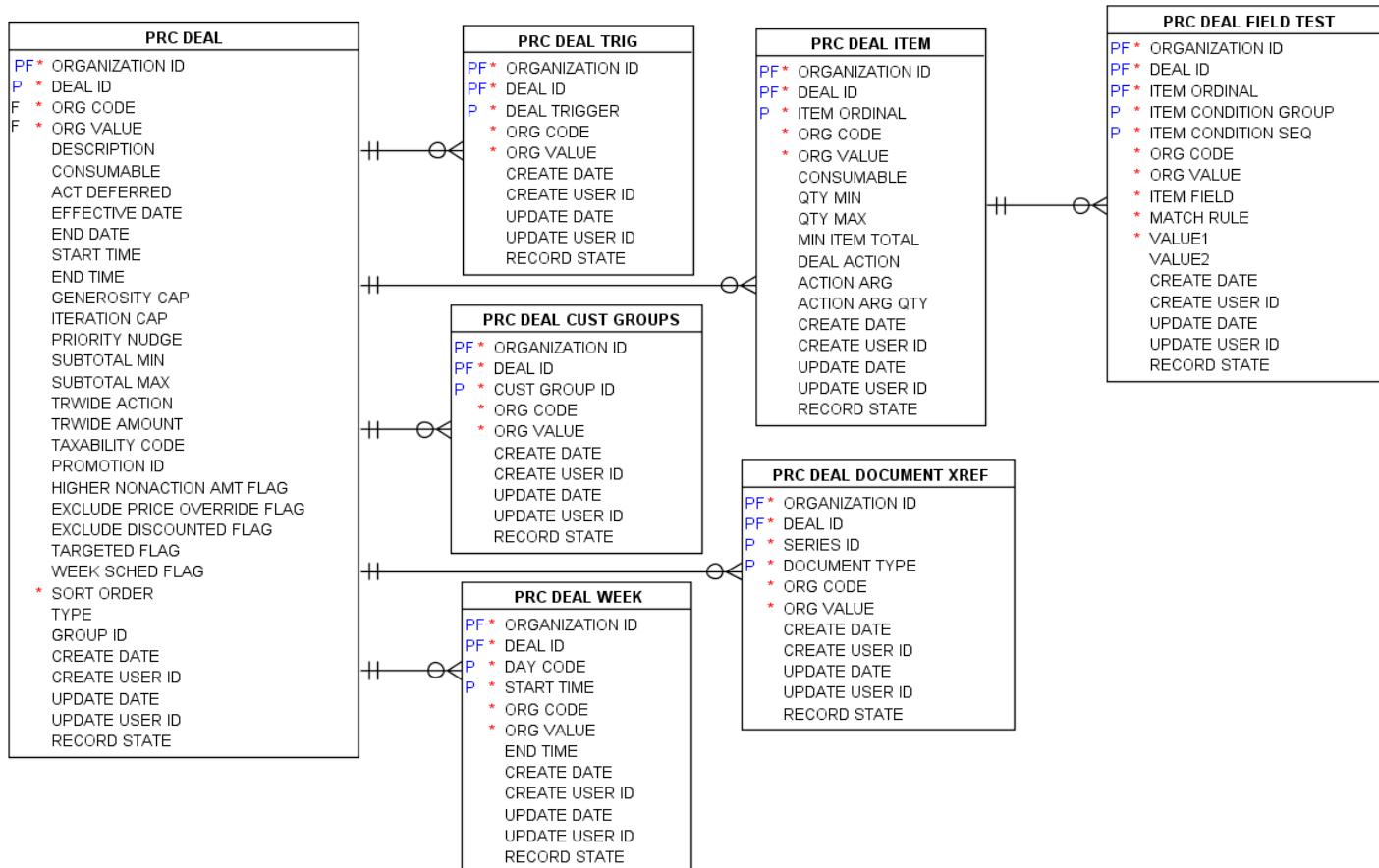


LOC DOMAIN

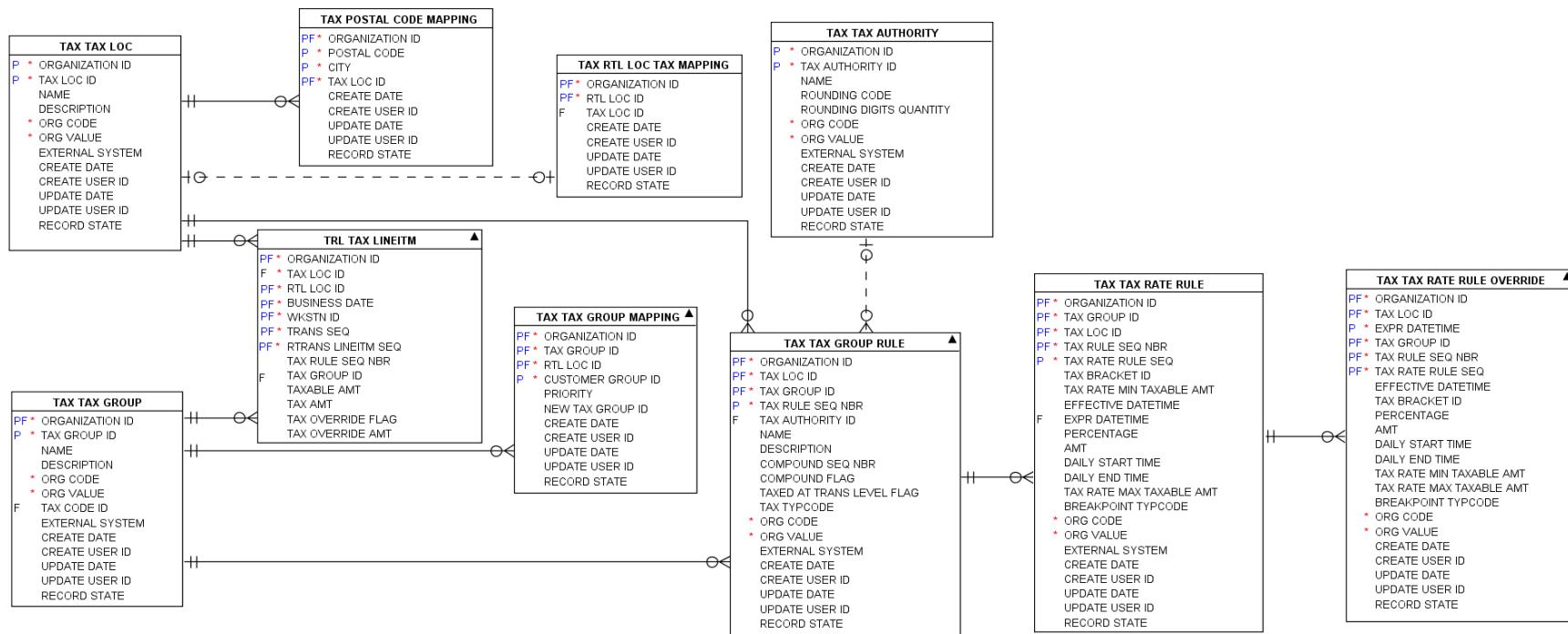




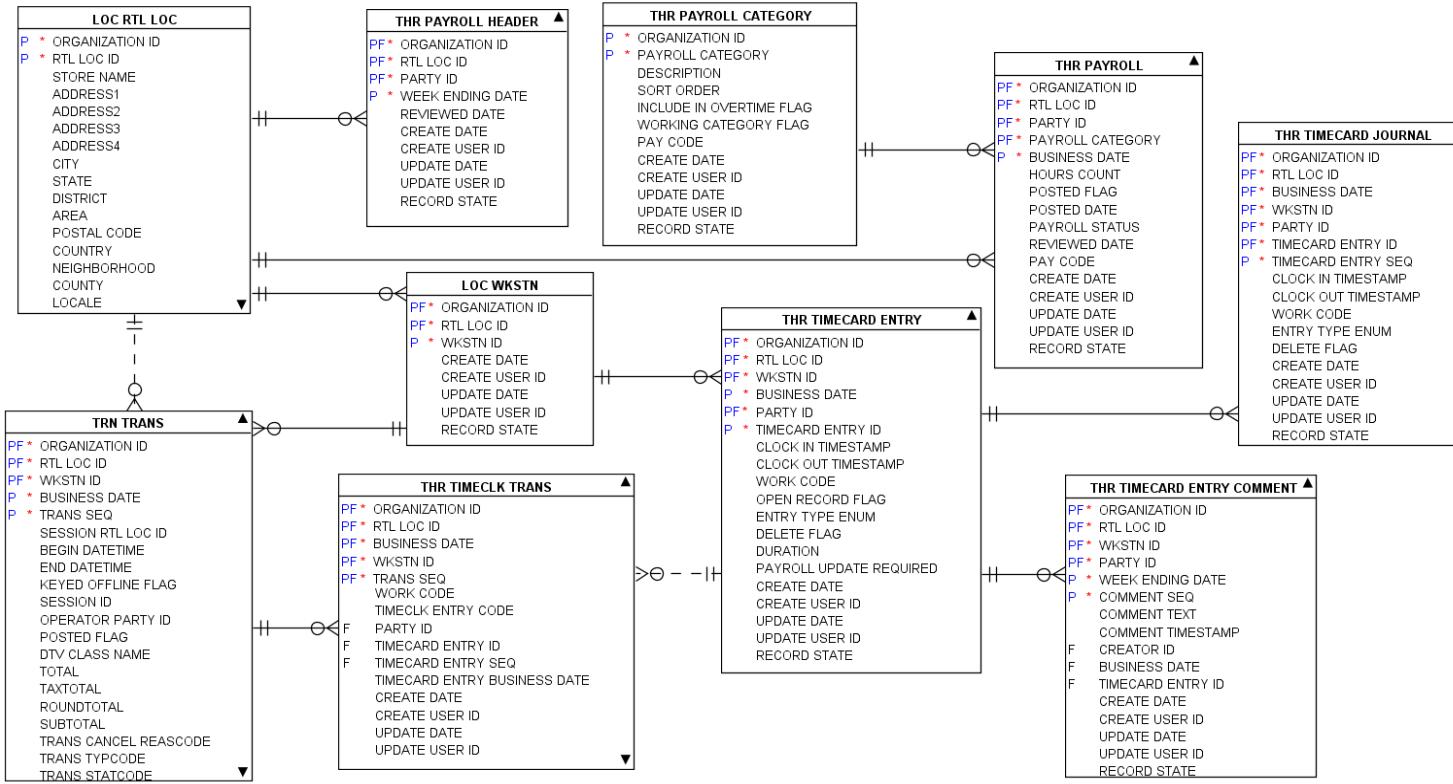
PRC DOMAIN



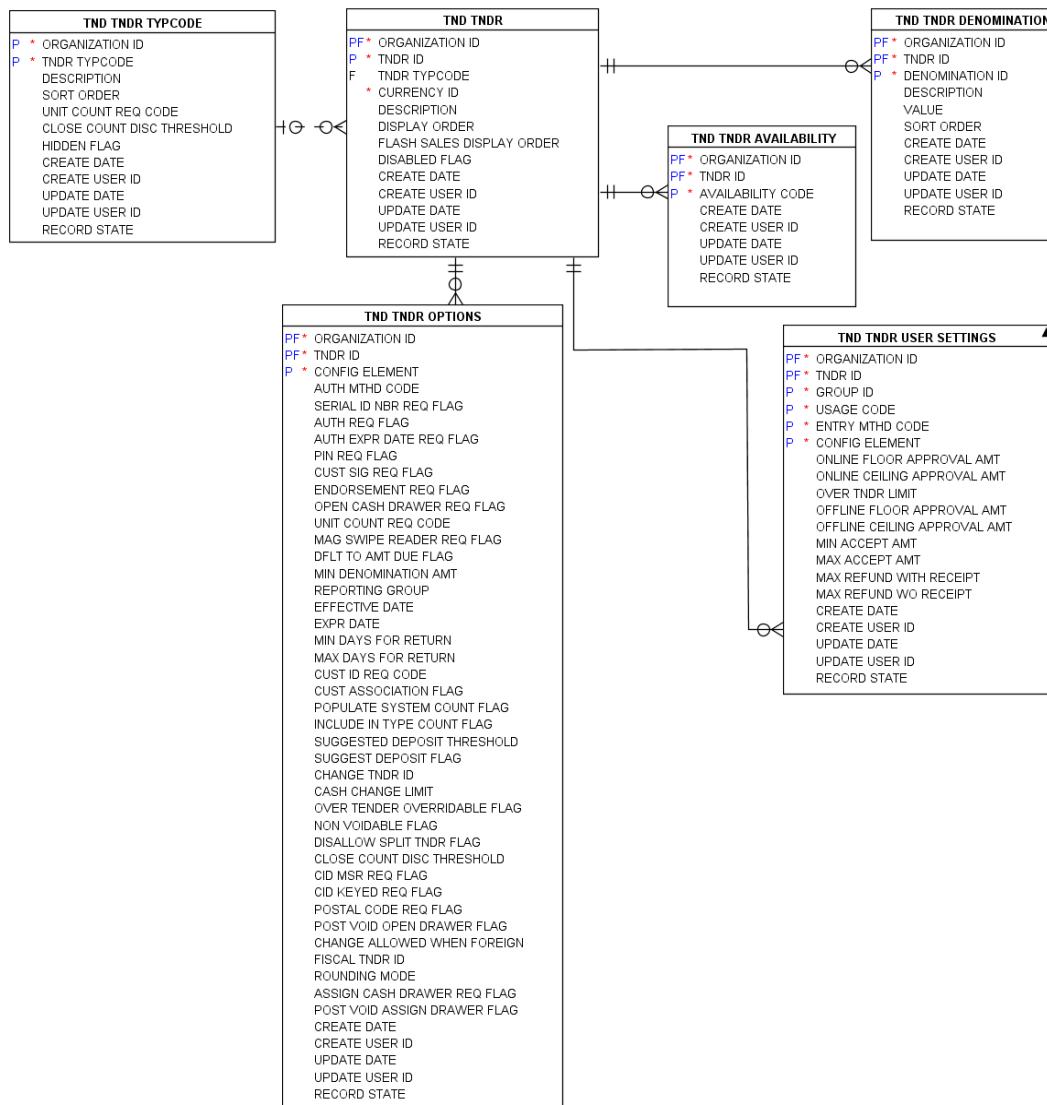
TAX DOMAIN

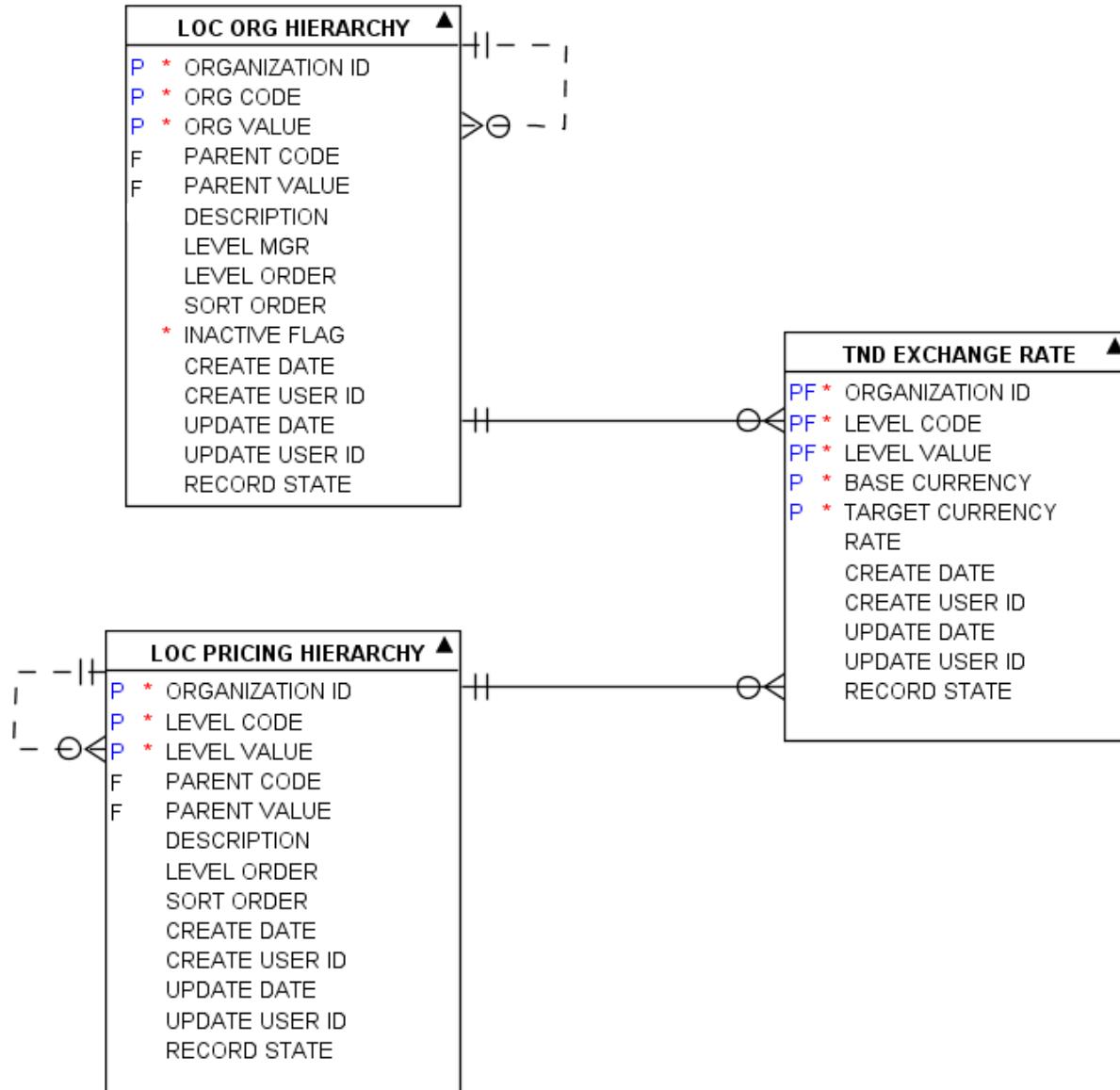


THR DOMAIN

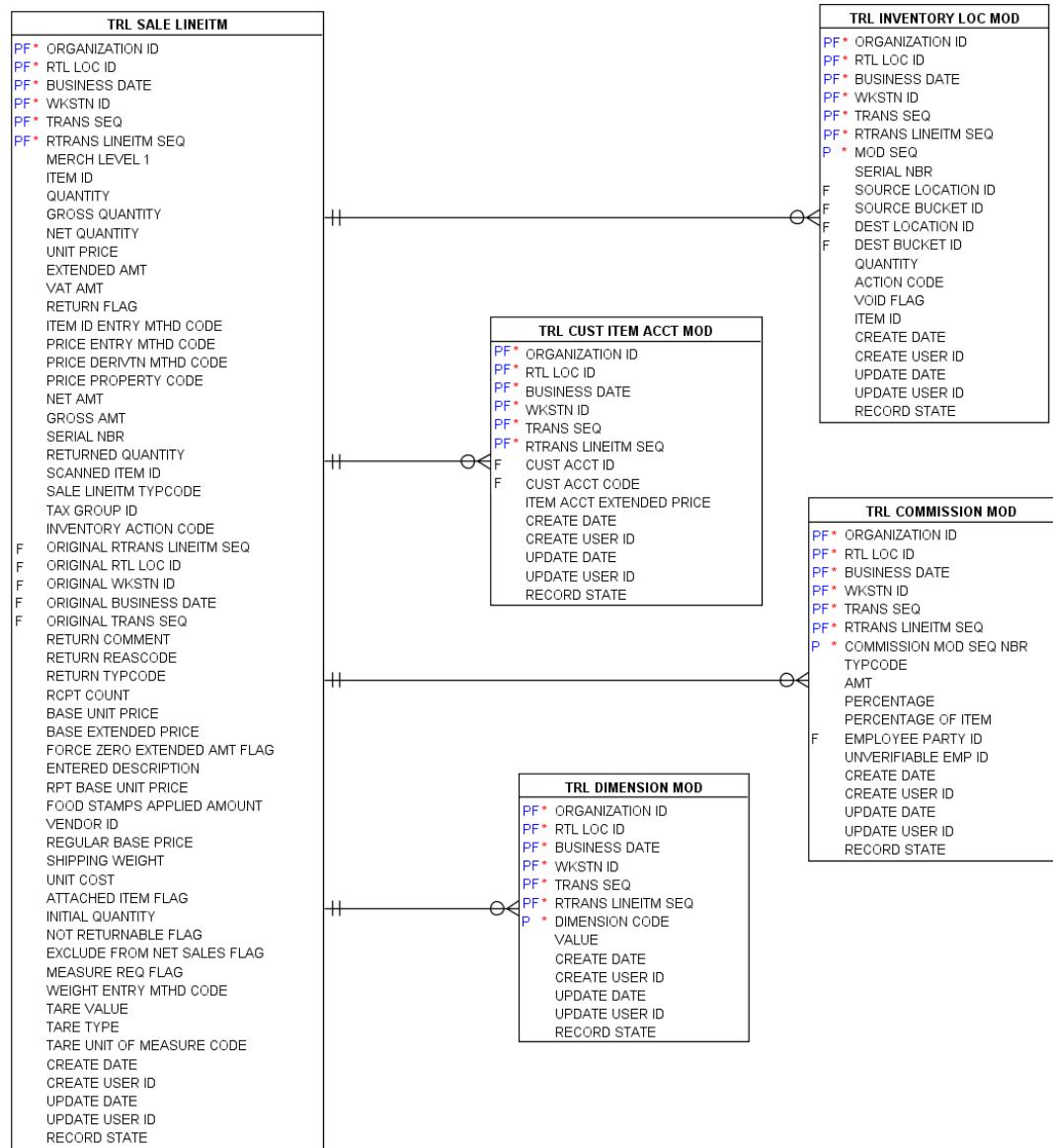


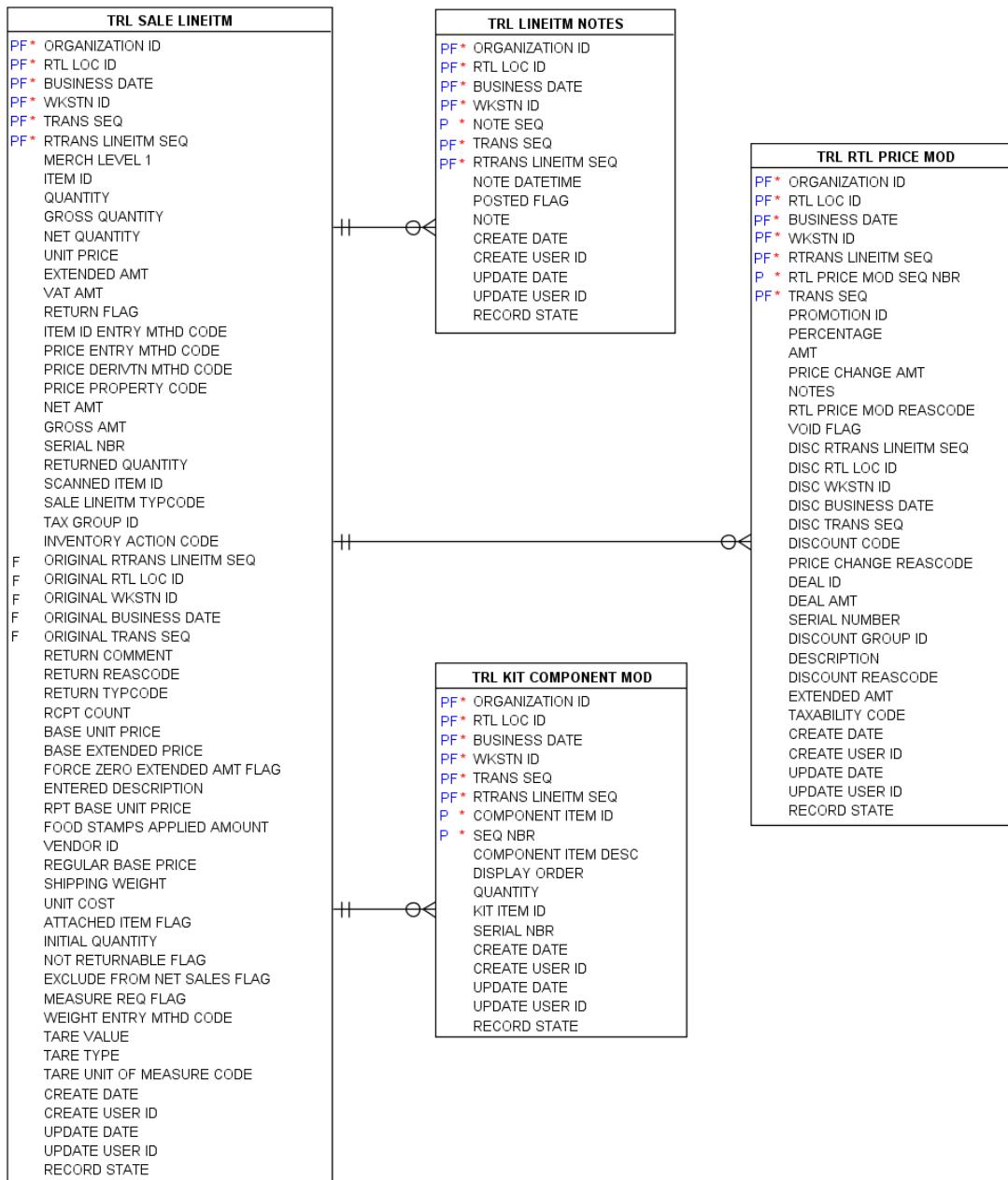
TND DOMAIN

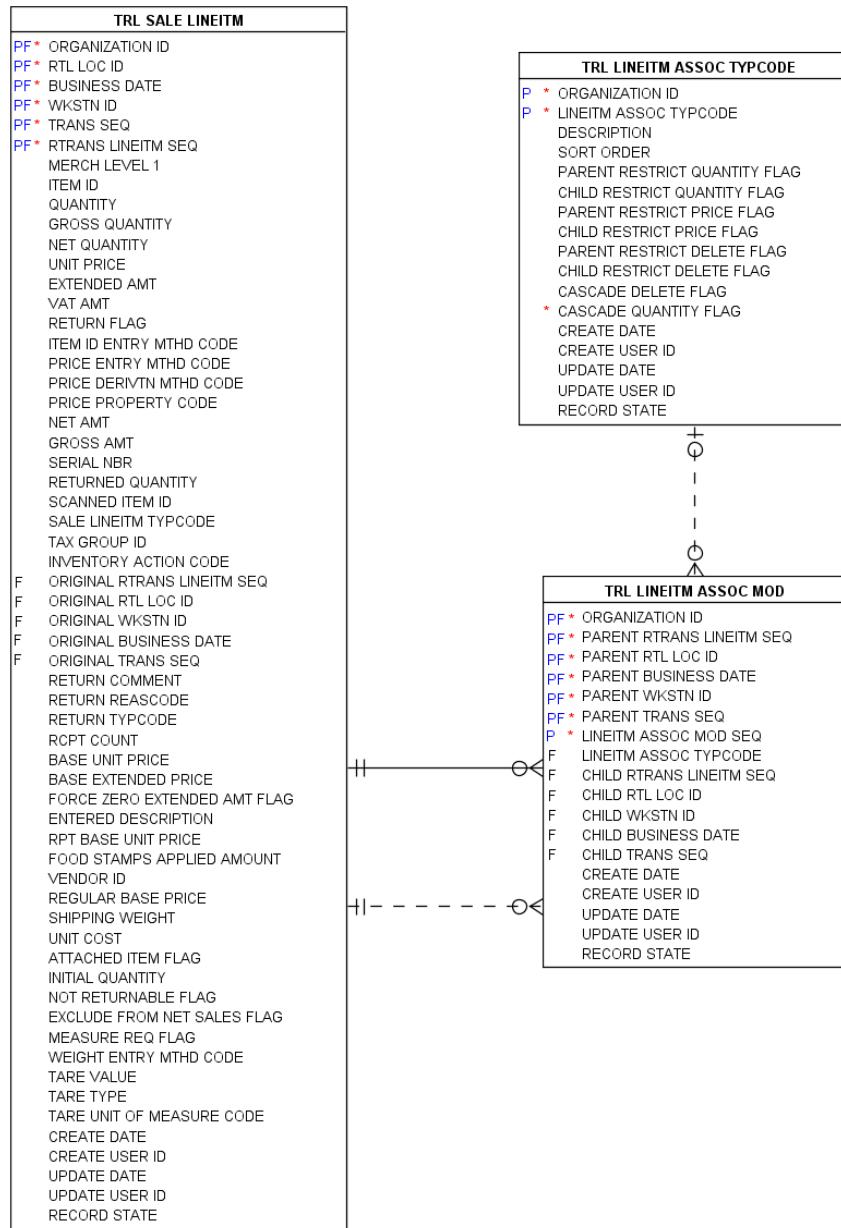


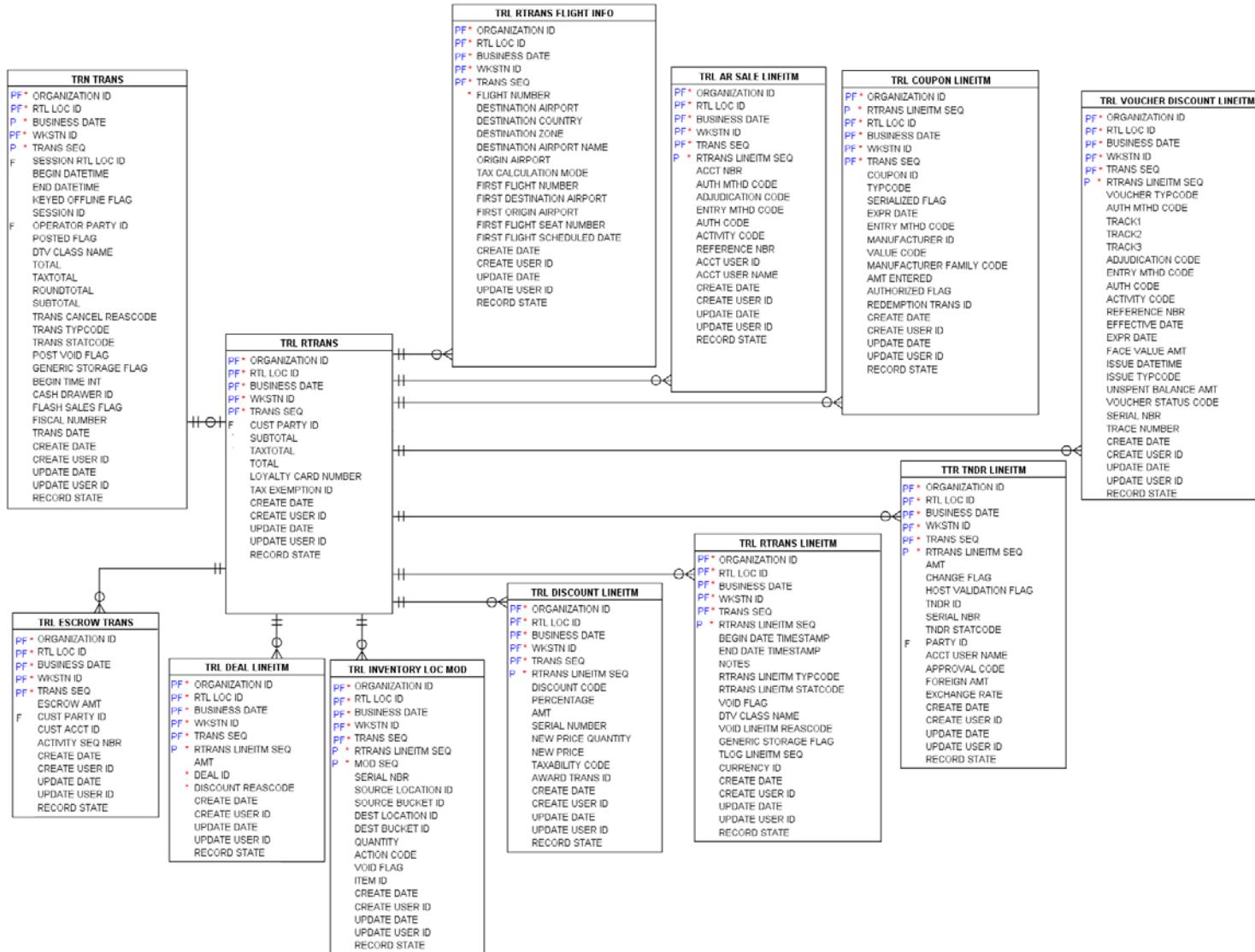


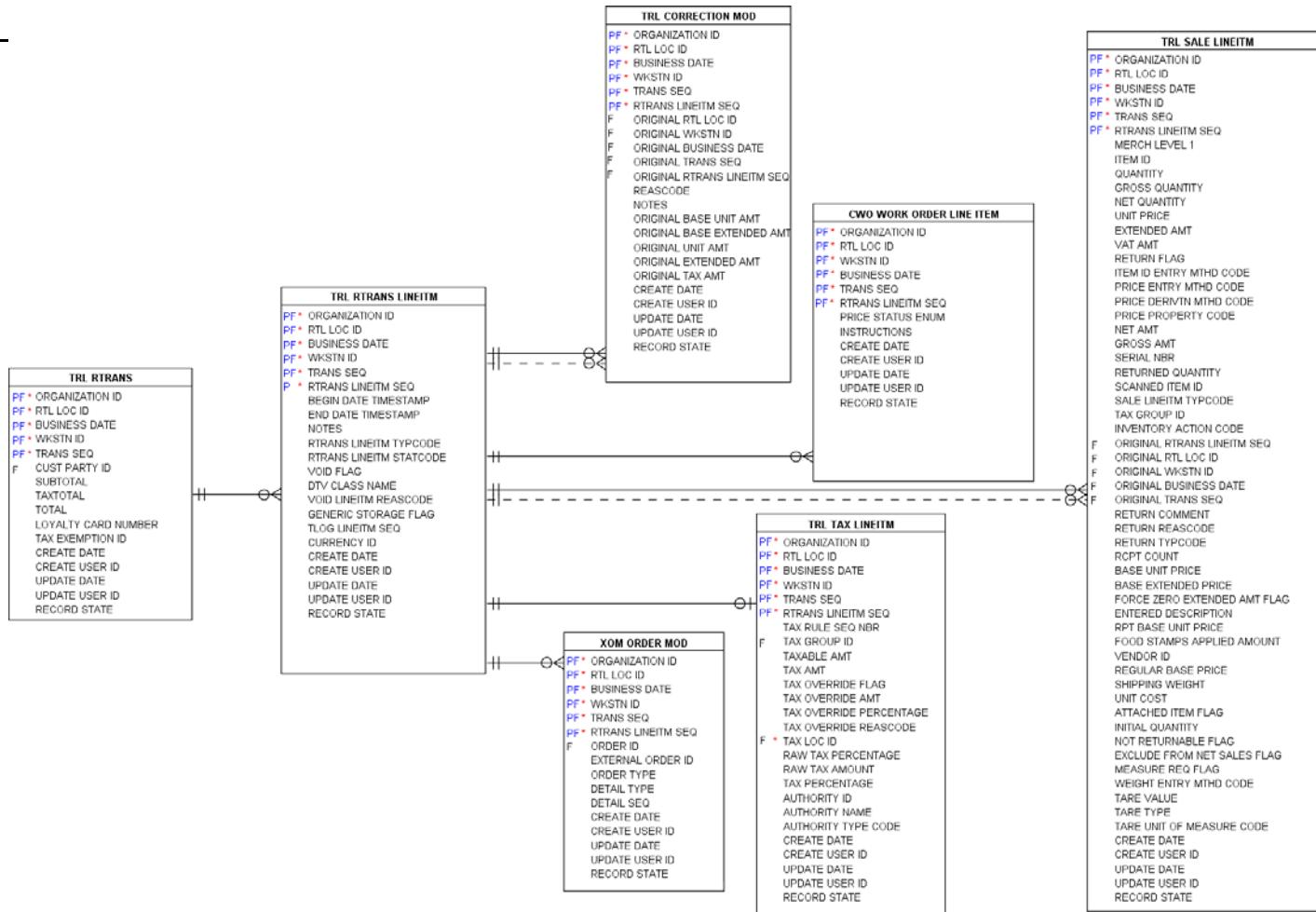
TRL DOMAIN

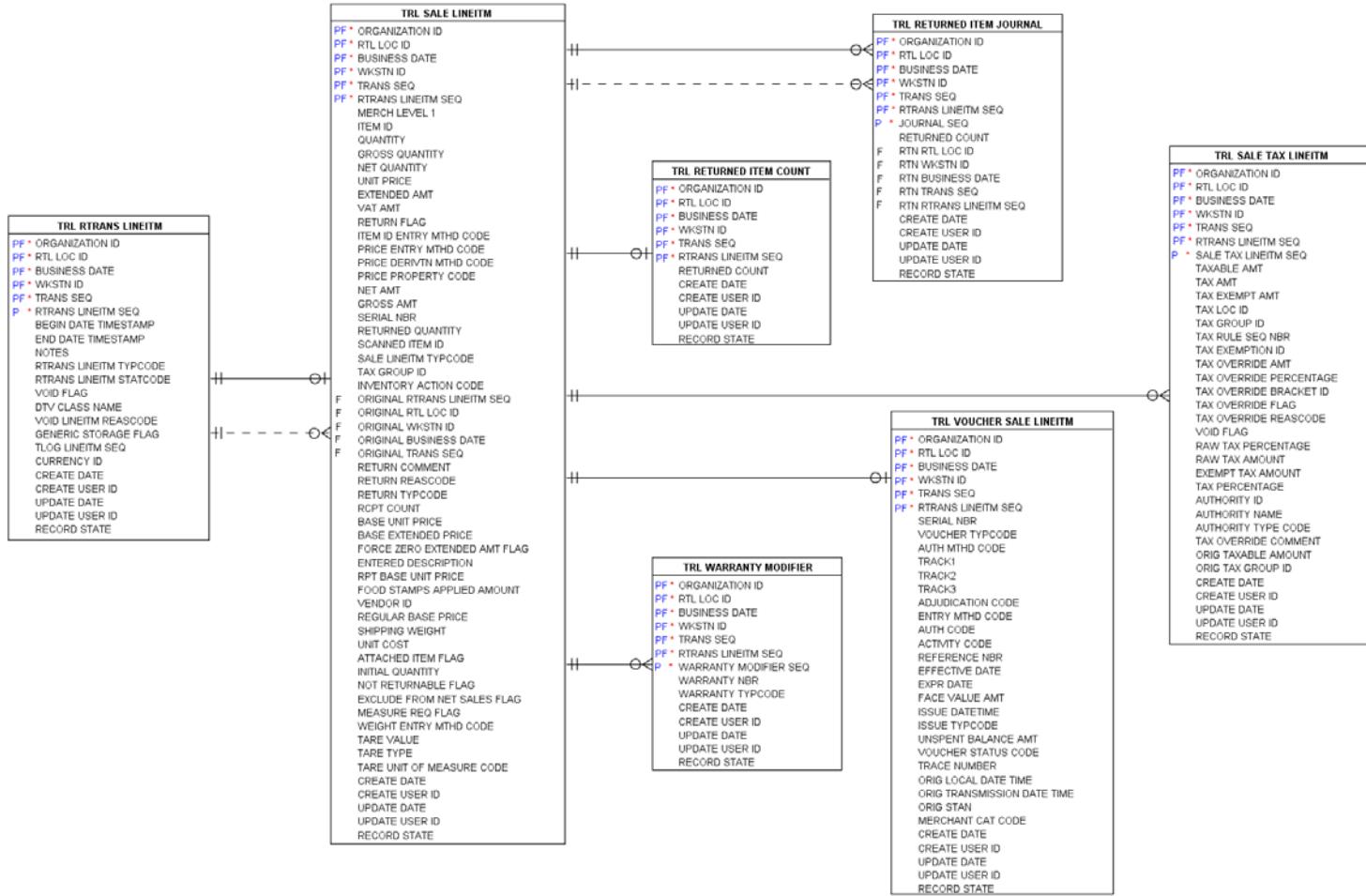




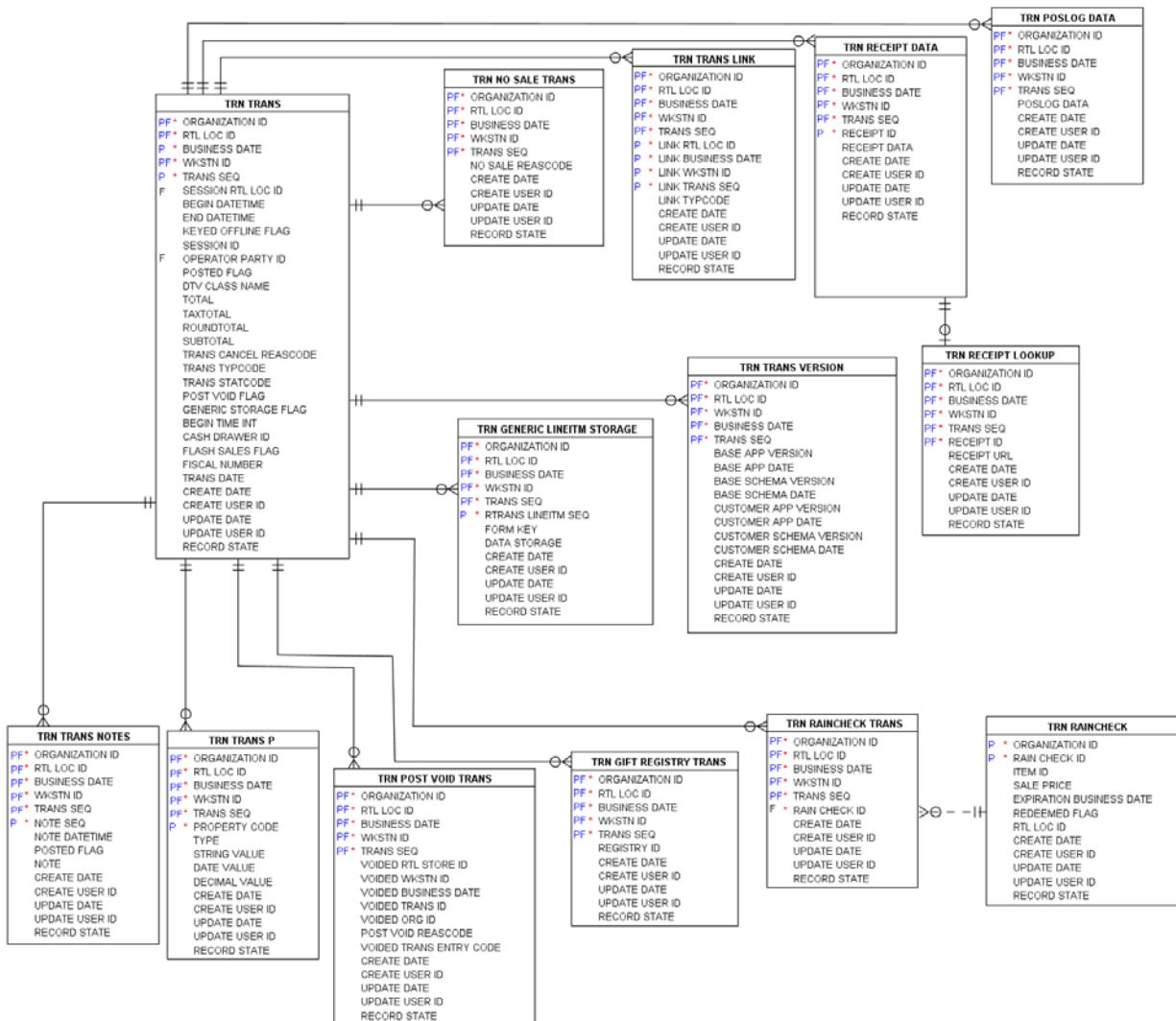




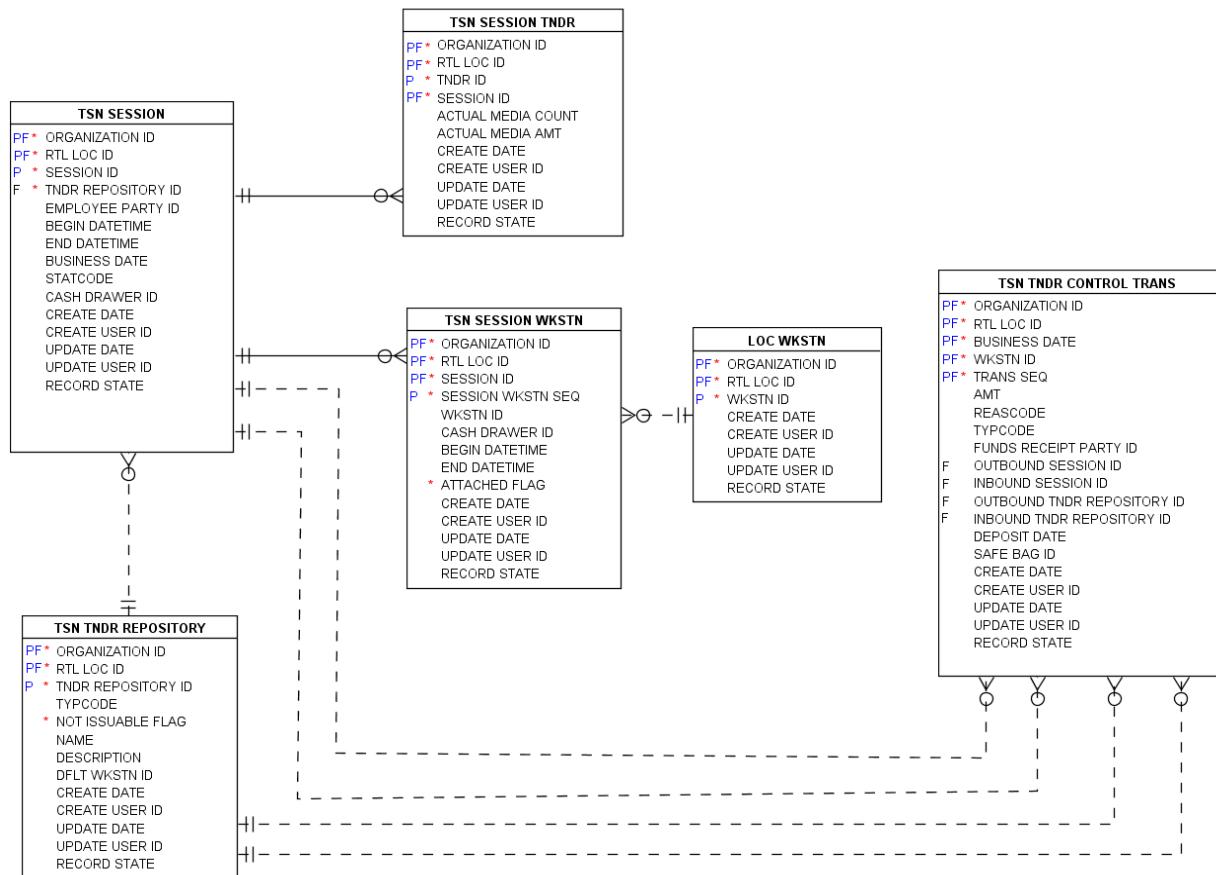


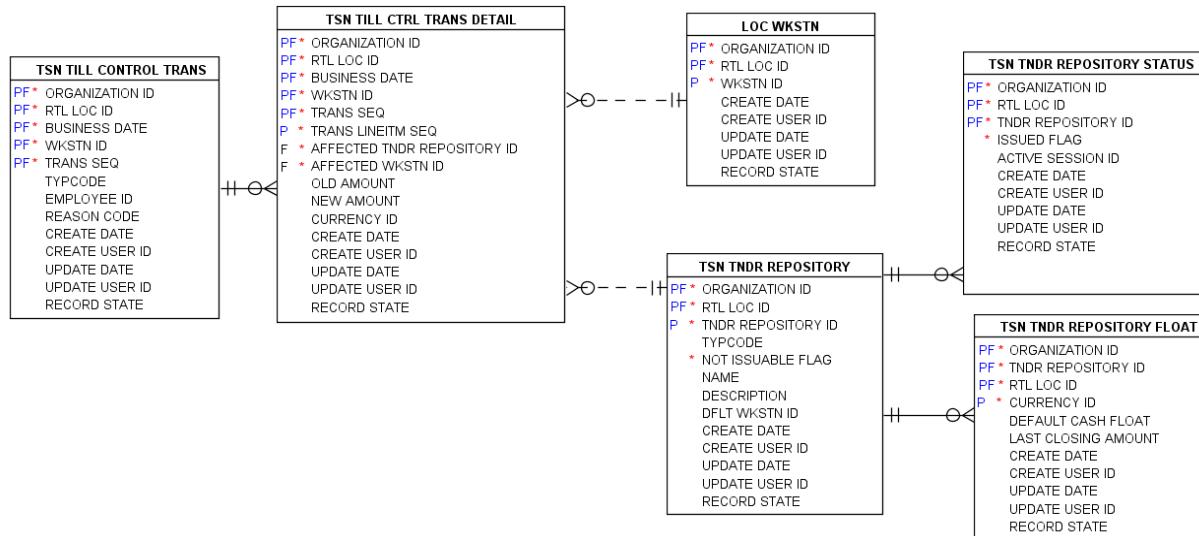


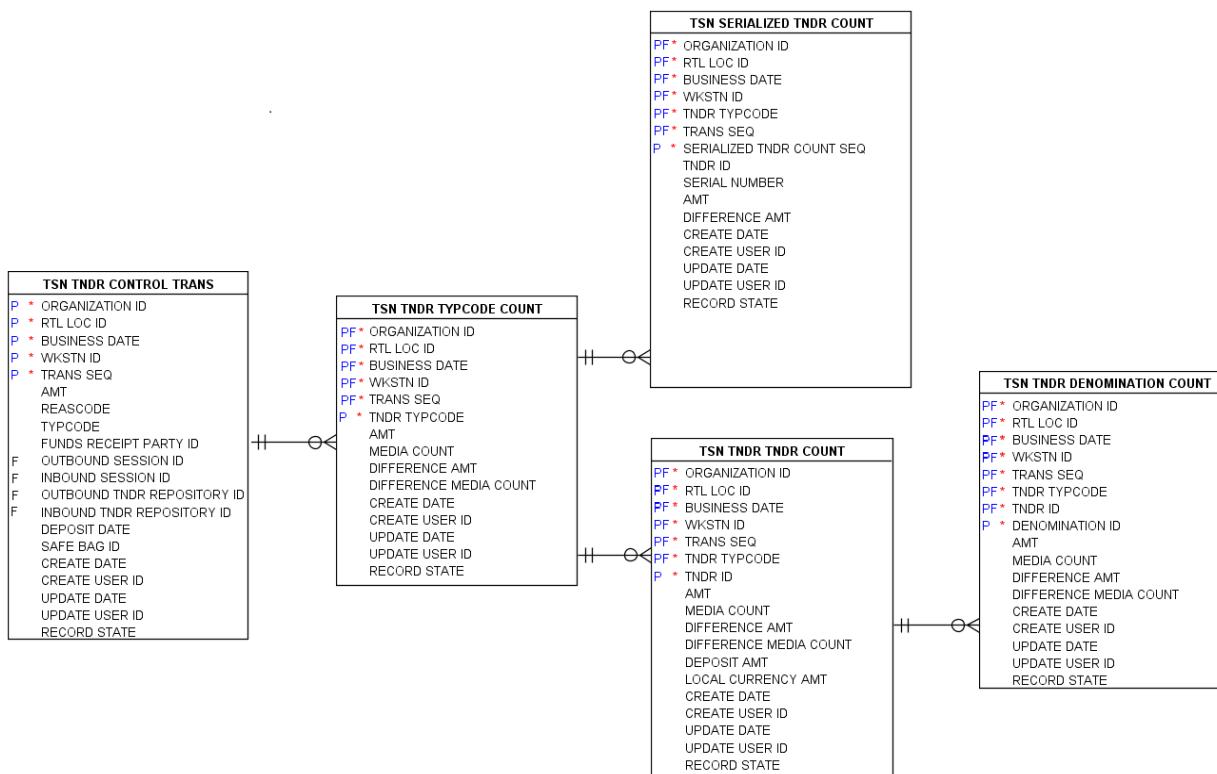
TRN DOMAIN

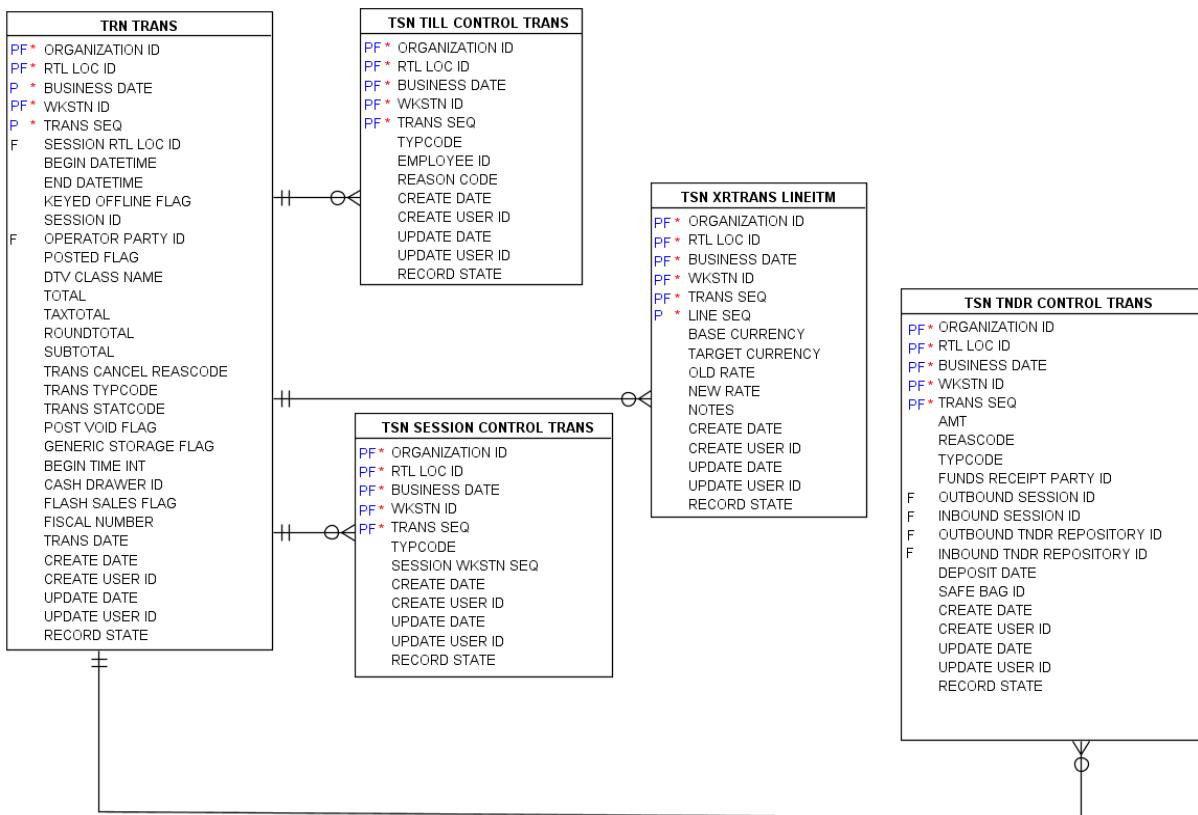


TSN DOMAIN

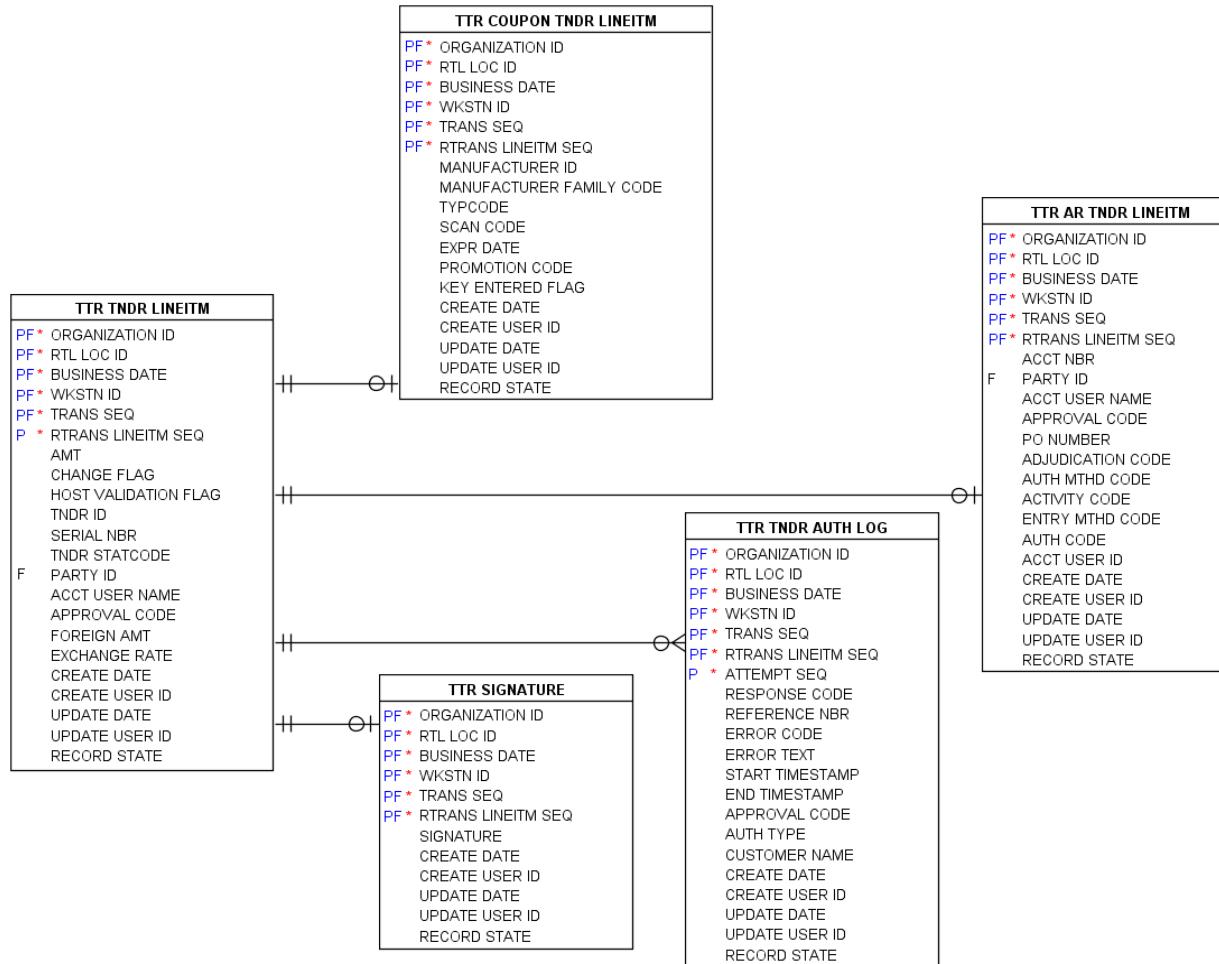


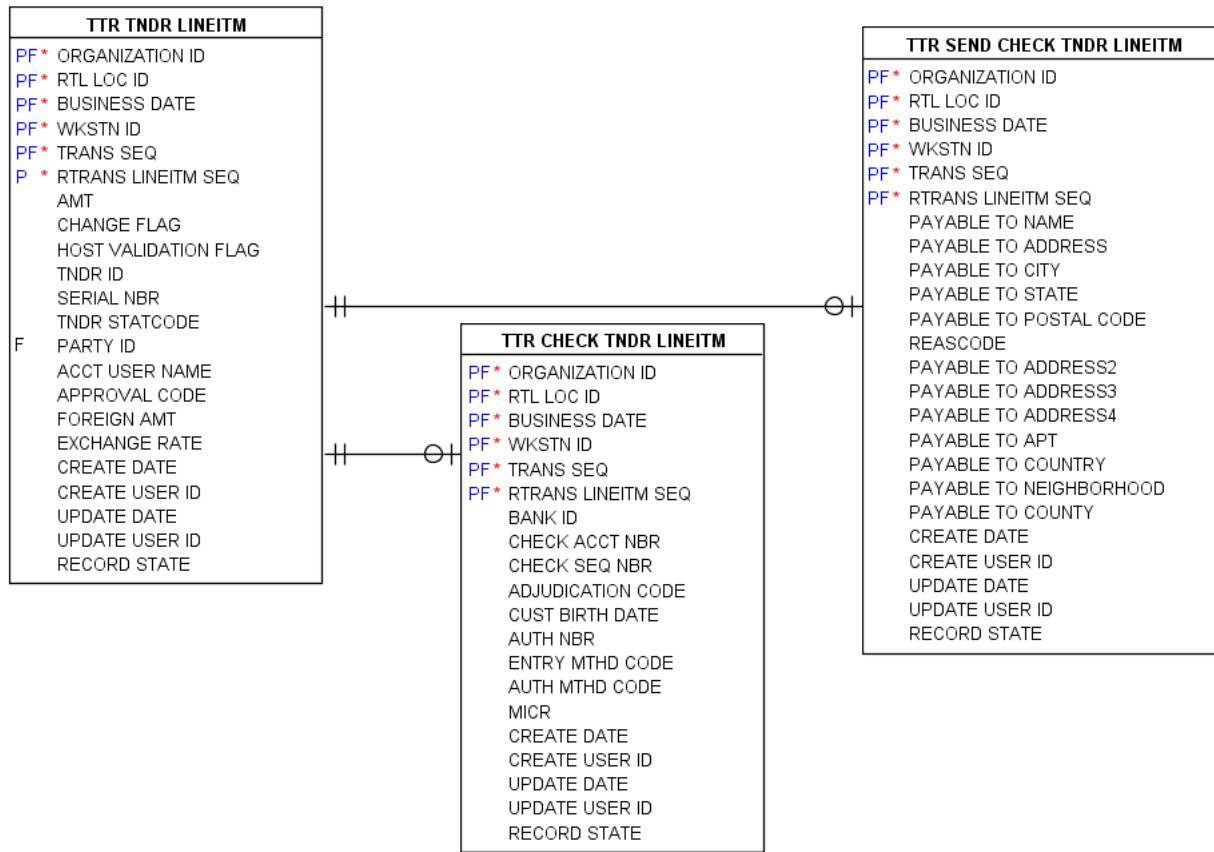


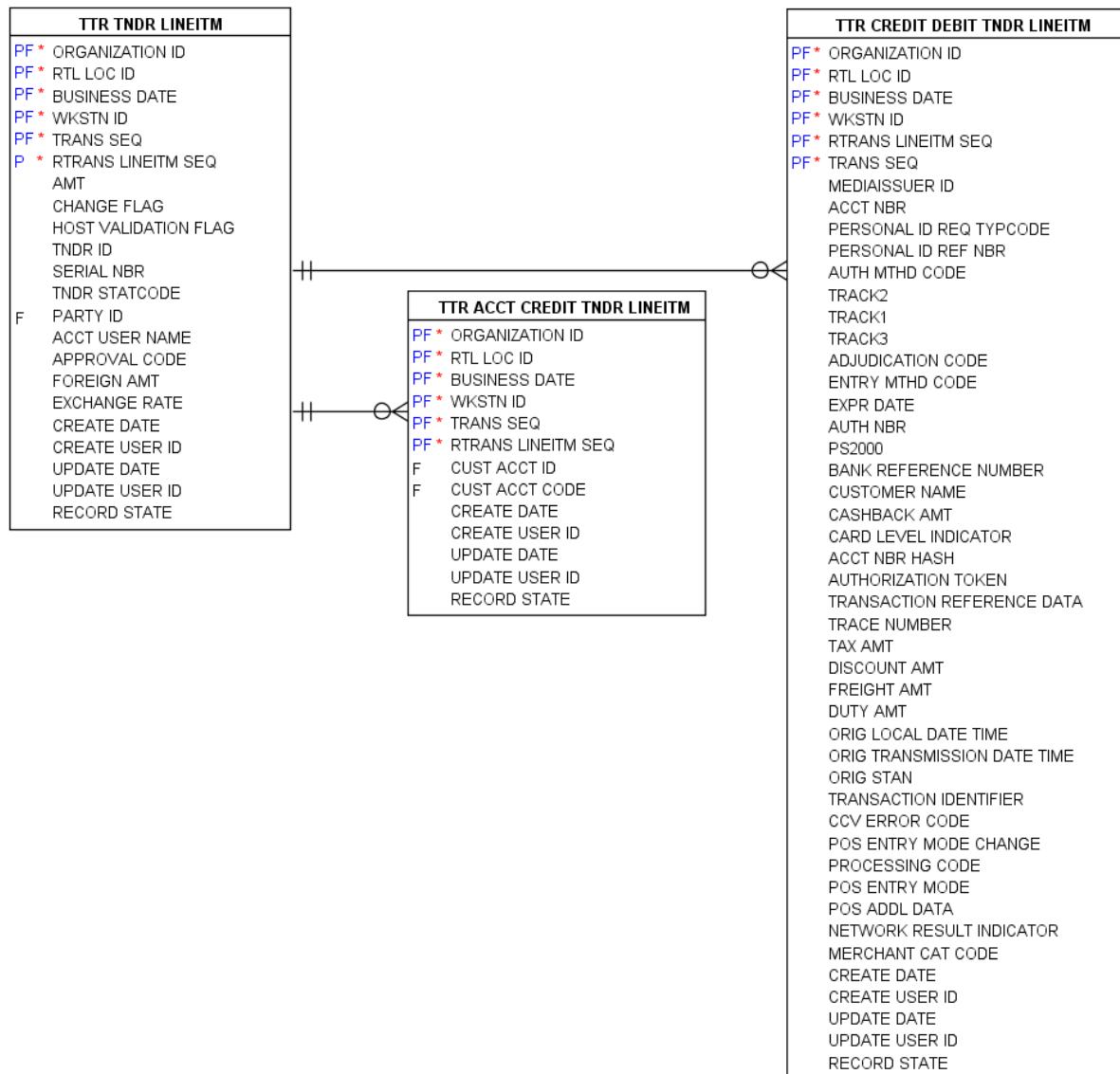


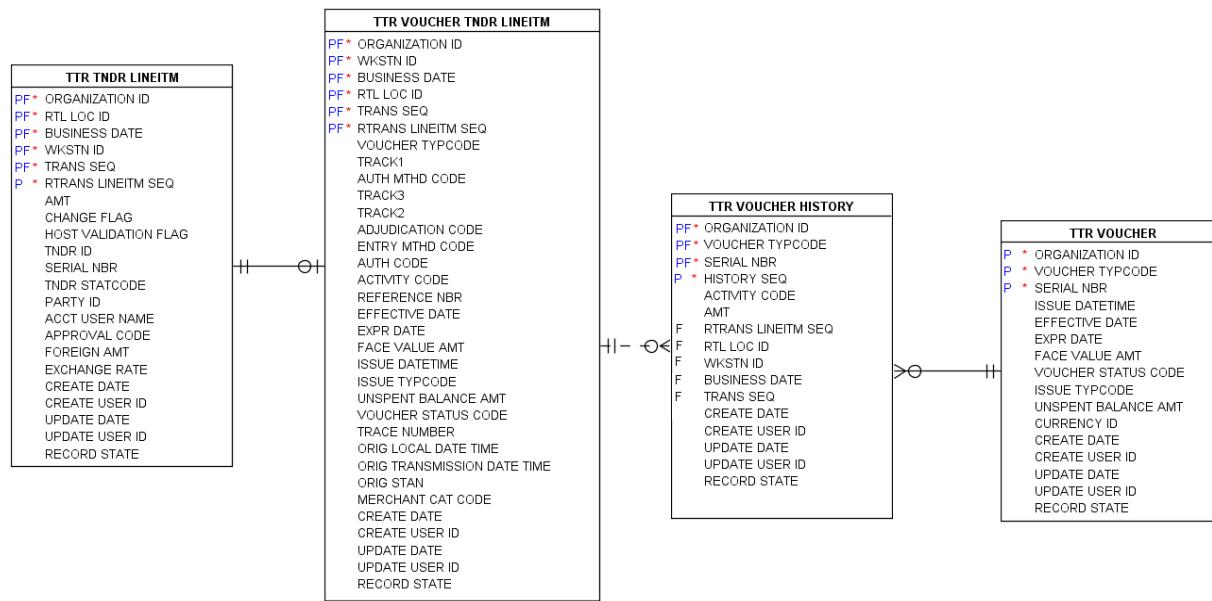


TTR DOMAIN









XOM DOMAIN

