

I-1577A : Outbound Customer Master to CORE

 Draft



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General Information

Object / Entity	
Complexity / Criticality	MEDIUM / MEDIUM
Systems / Applications	
Intended Audience	

Introduction

Scope Of Work

Item	Description	Additional Information
1	Customer master data required for CDES, SM and FINANCE transaction.	Customer master data in SAP that required for CDES, SM and FINANCE transaction.
2	Interface of Customer master data from SAP ECC to CORE through SAP PI as middleware	Interface of Customer master data from SAP ECC to CORE through SAP PI as middleware

Assumptions

Item	Description	Additional Information
1	CORE don't have data sequencing problem. Meaning, CORE don't have any issue if the foreign key in the table is not yet exist in the database. Confirmed by CORE development team (Stephan and Mirza)	
2	CCA template apply "one company code one credit control area" CCAI will follow the this rule	

Dependencies

Item	Description	Additional Information

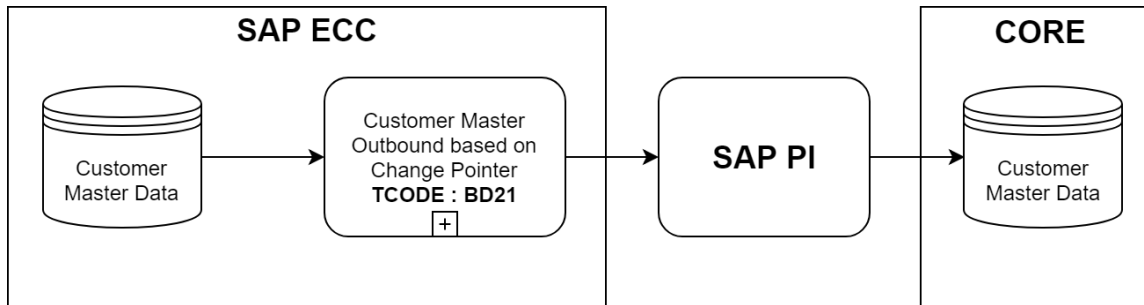
Special Considerations

Item	Description	Additional Information

Business Overview

This functional specification contains the functional requirements to develop the Interface of Customer Master Data from SAP ECC to CORE through SAP PI.

Process Flow



To interface the customer master data in SAP ECC into CORE, SAP ECC have to build an outbound interface.

This outbound interface will be triggered by 1 SAP standard program, called **BD21** to generate Idoc based on change pointer created from customer master data creation of changes process.

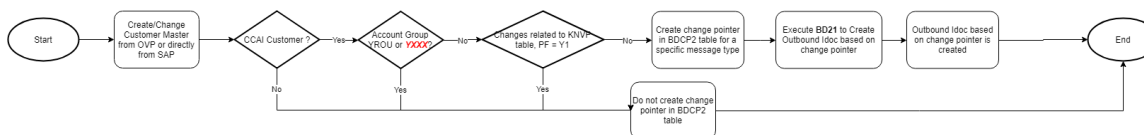
Functional Requirements

Detailed Functional Requirements

This Outbound Interface will be triggered by standard SAP program/tcode, **BD21** to create Idoc based on change pointer in table **BDCP2**.

End-to-end Integration Diagram

Customer Master Outbound



This outbound interface will be used to send out all of the newly created customer and customer data that got changes based on the Idoc change pointer in table **BDCP2**.

Program for Outbound Customer Master Data to CORE

To generates an Idoc based on change pointer, use tcode **BD21**.

This is the SAP standard selection screen for that **BD21** program/tcode :

Creating IDoc Type from Change Pointers



Message type



The input in this field is the Idoc message type that going to be activated in change pointer configuration.

Please find below the configuration that need to be done to activate the change pointer for a specific message type.

IDOC Setup/Configuration for Customer Master Outbound to CORE using Change Pointer (Initial and Data Change)

- Create a new message type for the outbound of customer master(**tcode : WE81**).

Message Type	Description
/AMA/IR2_CPOINT_CUSTOMER	IR2 Customer Master Change Pointer

- Assign the new message type to a specific Idoc Type (**tcode : WE82**) :

Message Type	Idoc Type	Extension
/AMA/IR2_CPOINT_CUSTOMER	DEBMAS07	/AMA/OUT_EXTENSION

- Activate change pointer generally (**tcode : BD61**) :

Activate Change Pointers Generally

Activation status

☒ Change pointers activated - generally

- Activate change pointer for the message type, to be able to generate change pointer number for that message type(**tcode : BD50**) :

Message Type	Active Indicator
/AMA/IR2_CPOINT_CUSTOMER	X

- Assign change pointer item for message type (**tcode : BD52**) :

Message Type	Object	Table Name	Field Name	Description
/AMA/IR2_CPOINT_CUSTOMER	DEBI	KNA1	KEY	Key
/AMA/IR2_CPOINT_CUSTOMER	DEBI	KNVK	ANRED	Title

/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KONZS	Customer/Store No
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	LAND1	Country Key
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	AUFSD	Order Block
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	NAME1	Name 1
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	NAME2	Name 2
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	ORT01	City
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	PSTLZ	Postal Code
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	REGIO	Region (State, Province, County)
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	STRAS	Street and House Number
/AMA /IR2_CPOINT_CUSTOMER	ADRESSE	ADRC	STR_SUPPL3	Street 4
/AMA /IR2_CPOINT_CUSTOMER	ADRESSE	ADRC	LOCATION	Street 5
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	TELF1	First telephone number
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	TELF2	Second telephone number
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	TELFX	Fax Number
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KATR3	Business Type
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KATR6	Trade Channel Cust
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KATR7	Sub Trade Channel Customer
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/HARDSTART	Hard Start
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/HARDEND	Hard End
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/SOFTSTART	Soft Start
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/SOFTEND	Soft End
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/SCL/TRADENAME	Trade Name
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/SCL/OPMARKET	Operational Market Type
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/SCL/GLCUST	Global Customer
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/SCL/CUSTTYPE	Customer Type
/AMA /IR2_CPOINT_CUSTOMER	ADRESSE	ADR6	SMTP_ADDR	Customer Email
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/DLVT	Delivery Transaction Code
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/OPREGION	Operational Region
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	BZIRK	Sales district

/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	KONDA	Price Book (Customer)
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	ZTERM	Terms of Payment Key
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	VKBUR	Sales Office
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	/LOT/GC_LONGITUD	Geo location longitude
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	/LOT/GC_LATITUDE	Geo location latitude
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	/AMA/ARTGRPLIST	Article Group List
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVP	PARVW	Partner Function
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVP	KUNN2	Customer number of business partner
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNB1	KNRZE	Head office account number (in branch accounts)
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNB1	ZWELS	List of Respected Payment Methods
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNB1	ZTERM	Terms of Payment Key
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNB1	ALTKN	BASIS No.
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNB1	GUZTE	Payment Terms Key for Credit Memos
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVK	NAME1	Name 1
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVK	TELF1	First telephone number
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVK	PAFKT	Contact person function
/AMA /IR2_CPOINT_CUSTOMER	KLIM	KNKK	KLIMK	Credit Limit
/AMA /IR2_CPOINT_CUSTOMER	KLIM	KNKK	CTLPC	Credit management: Risk category
/AMA /IR2_CPOINT_CUSTOMER	KLIM	KNKK	CRBLB	Indicator: Blocked by credit management ?
/AMA /IR2_CPOINT_CUSTOMER	KLIM	KNKK	GRUPP	Customer Credit Group
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	BEGRU	Authorization Group
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KUKLA	Service Policy
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	ORT02	District
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	LZONE	Transportation zone to or from which the goods are delivered
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KATR1	CAC - Customer
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KATR2	CAC - Consumer
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KATR5	Business Compl. Type
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KATR8	Trade Channel Consumer

/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KATR9	Sub Trade Channel Consumer
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	STKZN	Natural Person
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	STCD3	Tax Number 3
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	KDKG1	Customer condition group 1
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/SCL/OPCHANNEL	Operational Trade Channel
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/INCS	Income Status
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/DINR	Direct/indirect Indicator
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/LKAT	LKA Tiering
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/OUTS	Outlet Size
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/PROM	Promo Package
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/SERP	Service Priority
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/UDMS	SP-CCOD use DMS
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/TBCD	To-be Closed Date
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/TBCO	To be Closed Outlet
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/TOPB	Top Bronze
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/PAYZ	Payment Zone
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNA1	/AMA/GFLAG	Geo Code Flag
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	KALKS	Pricing procedure assigned to this customer
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	PLTYP	Price list type
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	LPRIO	Delivery Priority
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	VSBED	Shipping Conditions
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	PERFK	Invoice dates (calendar identification)
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	PERRL	Invoice list schedule (calendar identification)
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	WAERS	Currency Key
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	KTGRD	Account assignment group for this customer
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	VWERK	Delivering Plant
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNVV	/LOT/CU_CUST14	Outlet Delivery Type
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNB1	AKONT	Reconciliation Account in General Ledger
/AMA /IR2_CPOINT_CUSTOMER	DEBI	KNB1	XZVER	Indicator: Record Payment History ?

This table contain the list of all customer master data fields that will trigger a change pointer creation that will be used as reference to create an outbound Idoc from SAP to CORE

- Add a new outbound parameter to an existing partner number/partner profile (**tcode : WE20**)

Partner Type	Partner No.	Outbound Parameter						
		Partner Role	Message type	Receiver Port	Pack Size	Output Mode	Basic Type	Extension
LS	CORE	LS	/AMA/IR2_CPOINT_CUSTOMER	PO_001	1	Pass Idoc Immediately	DEBMAS07	/AMA/OUT_EXTENS ION

- Configure ALE Distribution Model - Add new Message Type (**tcode : BD64**) :

Model View	Sender	Receiver	Message Type
AMA_MDATA	DARCLNT100	CORE	/AMA/IR2_CPOINT_CUSTOMER

- Assign the new message type to a new function module (**tcode : BD60**) :

Message Type	Function Module
/AMA/IR2_CPOINT_CUSTOMER	<i>FUNCTION_MODULE_NAME</i>

- Create BADI for the exclusion of change pointer posting into **BDCP2** table (**tcode : SALE**)

Definition Name	Implementation Name	Properties			Interface		
		Type	Filter Type	Message Type	Interface Name	Name of Implementing Class	Method
BDCP_BEFORE_WRITE	ZBDCP_BEFORE_WRITE01	Filter-Depend	EDI_MESTYP	/AMA/IR2_CPOINT_CUSTOMER	IF_EX_BDCP_BEFORE_WRITE	ZCL_IM_BDCP_BEFORE_WRITE	FILTER_BDCPV_BEFORE_WRITE

This BADI will have a condition to validate the authorization group of the customer master general data to decide whether or not the system need to produce change pointer in **BDCP2** table.

- If the value of **KNA1-BEGRU = ID02**, the system will check the value of **KNA1-KTOKD**,
- If the value is not equals with **YROU** or **YXXX**, the system will continue to check the value of **KNVP-PARVW**, if not equals with **Y**, proceed to create change pointer.
- Else, do not create change pointer in **BDCP2** table.

Interface Trigger / Processing Logic

Create a new function module to be able to do data processing prior to Idoc creation in for the new Message Type :

- **FM name** : *FUNCTION_MODULE_NAME*
- **Message Type** : */AMA/IR2_CPOINT_CUSTOMER*

The function module will contain the logic for the outbound processing of the field segment in the Idoc.

Please find the list of fields that going to be outbound from SAP to CORE and the value conversion logic in **Middleware-Mapping** segment below.

Source System Requirements

Please find below the system requirements for SAP that need to be prepared for the data interface to CORE.

To be able to adopt the additional fields in customer master table, SAP need to add additional field segment into the standard Idoc type structure by extending the SAP standard Idoc type (**DEBMAS07**).

1. Add new segment called **/AMA/SAP_TO_CORE** one structure inside **E1KNA1M** segment.
Please find below the list of field segment that need to be added into the new segment.

Field Name	Data Element
HARDSTART	/AMA/HARDSTART
HARDEND	/AMA/HARDEND
SOFTSTART	/AMA/SOFTSTART
SOFTEND	/AMA/SOFTEND
TRADENAME	/SCL/TRADENAME
OPMARKET	/SCL/OPMARKET
GLCUST	/SCL/GLCUST
CUSTTYPE	/SCL/CUSTTYPE
DLVT	/AMA/DLVT
OPREGION	/AMA/OPREGION
ARTGRPLIST	/AMA/ARTGRPLIST
CDATE	CDDATUM
OPCHANNEL	/SCL/OPCHANNEL
INCSTAT	/AMA/INCS
DINDICATOR	/AMA/DINR
LKATIER	/AMA/LKAT
OUTSTAT	/AMA/OUTS
PROMO	/AMA/PROM
SERVICEPRIO	/AMA/SERP
UDMS	/AMA/UDMS
TBCD	/AMA/TBCD
TBCO	/AMA/TBCO
TOPB	/AMA/TOPB
PAYZONE	/AMA/PAYZ
GCFLAG	/AMA/GFLAG

2. Add new segment called **/AMA/SAP_TO_CORE_SLS** one structure inside **E1KNVVM** :

Field Name	Data Element
GC_LONGITUD	/LOT/GC_LONGITUD
GC_LATITUDE	/LOT/GC_LATITUDE

Target System Requirements

Please find below the system requirements for CORE that need to be prepared for the data interface from SAP :

1. Currently, CDES already have an interface to send outbound the customer master data. This data only covers CDES stream requirement. Refer to [I-805CORE : Customer Data Extract to CORE](#)
2. For overlapping fields this interface will use the existing table and field in CORE that currently used by CDE. Refer to [I-805CORE : Customer Data Extract to CORE](#).
3. CORE need to adjust the existing tables by adding field to the table structure to be able to receive more data for each customer.

1. Adjust existing table **Customers** in CORE by adding more fields into the table structure. These fields will be put as the latest field in that table.
Please find below the additional field minimum technical requirement of the table.

Table name	Field Name	Description	Data Type	Length	Key Field
Customers	Storeno	Customer/Store No	CHAR	10	-
Customers	Accountgrp	Customer Account Group	CHAR	4	-
Customers	Name2	Name 2	CHAR	35	-
Customers	Street4	Street 4	CHAR	40	-
Customers	Street5	Street 5	CHAR	40	-
Customers	Taxnum1	VAT Registration Number	CHAR	20	-
Customers	Bustype	Business Type	CHAR	2	-
Customers	Tradchan	Trade Channel Cust	CHAR	3	-
Customers	Subchan	Sub Trade Channel Customer	CHAR	3	-
Customers	Suppcust	Suppressed Customer	CHAR	1	-
Customers	Suppdate	Suppressed Date	CHAR	10	-
Customers	Suppreas	Suppressed Reason	CHAR	30	-
Customers	Tradname	Trade Name	CHAR	5	-
Customers	Opmarket	Operational Market Type	CHAR	2	-
Customers	Gcust	Global Customer	CHAR	10	-
Customers	Custype	Customer Type	CHAR	2	-
Customers	Email	Customer Email	CHAR	50	-
Customers	Opreigion	Operational Region	CHAR	1	-
Customers	Salorg	Sales Organization	CHAR	4	-
Customers	Distchan	Distribution Channel	CHAR	2	-
Customers	Division	Division	CHAR	2	-
Customers	Pricebook	Price Book (Customer)	CHAR	2	-
Customers	Topkey1	Terms of Payment Key Sales	CHAR	4	-
Customers	Saleoffice	Sales Office	CHAR	4	-
Customers	Articlegroup	Article Group List	CHAR	5	-
Customers	Headoffice	Head office account number (in branch accounts)	CHAR	10	-
Customers	Paymethod	List of Respected Payment Methods	CHAR	10	-
Customers	Topkey2	Terms of Payment Key Accounting	CHAR	4	-
Customers	Topkey3	Payment Terms Key for Credit Memos	CHAR	4	-
Customers	Authgroup	Authorization Group	CHAR	4	-
Customers	Servpolicy	Service Policy	CHAR	2	-
Customers	Distric	District	CHAR	35	-
Customers	Tranzone	Transportation zone to or from which the goods are delivered	CHAR	10	-

<i>Customers</i>	<i>Cacust</i>	CAC - Customer	CHAR	2	-
<i>Customers</i>	<i>Cacons</i>	CAC - Consumer	CHAR	2	-
<i>Customers</i>	<i>Buscomp</i>	Business Compl. Type	CHAR	2	-
<i>Customers</i>	<i>Tradchancons</i>	Trade Channel Consumer	CHAR	3	-
<i>Customers</i>	<i>Subchancons</i>	Sub Trade Channel Consumer	CHAR	3	-
<i>Customers</i>	<i>Natpers</i>	Natural Person	CHAR	1	-
<i>Customers</i>	<i>Taxnum3</i>	Tax Number 3	CHAR	18	-
<i>Customers</i>	<i>Condgrup</i>	Customer condition group 1	CHAR	2	-
<i>Customers</i>	<i>Opchan</i>	Operational Trade Channel	CHAR	3	-
<i>Customers</i>	<i>Incstatus</i>	Income Status	CHAR	1	-
<i>Customers</i>	<i>Dindicator</i>	Direct/indirect Indicator	CHAR	1	-
<i>Customers</i>	<i>Lkatier</i>	LKA Tiering	CHAR	4	-
<i>Customers</i>	<i>Outsize</i>	Outlet Size	CHAR	1	-
<i>Customers</i>	<i>Promo</i>	Promo Package	CHAR	1	-
<i>Customers</i>	<i>Servpriority</i>	Service Priority	CHAR	1	-
<i>Customers</i>	<i>Udms</i>	SP-CCOD use DMS	CHAR	1	-
<i>Customers</i>	<i>Tbclosec</i>	To-be Closed Date	CHAR	8	-
<i>Customers</i>	<i>Tbcloseo</i>	To be Closed Outlet	CHAR	1	-
<i>Customers</i>	<i>Topbron</i>	Top Bronze	CHAR	1	-
<i>Customers</i>	<i>Payzone</i>	Payment Zone	CHAR	1	-
<i>Customers</i>	<i>Gcflag</i>	Geo Code Flag	CHAR	2	-
<i>Customers</i>	<i>Pricpro</i>	Pricing procedure assigned to this customer	CHAR	1	-
<i>Customers</i>	<i>Priclist</i>	Price list type	CHAR	2	-
<i>Customers</i>	<i>Delivprio</i>	Version Number Component	CHAR	2	-
<i>Customers</i>	<i>Shipcond</i>	Shipping Conditions	CHAR	2	-
<i>Customers</i>	<i>Invoicedate</i>	Invoice dates (calendar identification)	CHAR	2	-
<i>Customers</i>	<i>Invoicelist</i>	Invoice list schedule (calendar identification)	CHAR	2	-
<i>Customers</i>	<i>Currkey</i>	Currency Key	CHAR	5	-
<i>Customers</i>	<i>Accassign</i>	Account assignment group for this customer	CHAR	2	-
<i>Customers</i>	<i>Delvplant</i>	Delivering Plant	CHAR	4	-
<i>Customers</i>	<i>Outdeltype</i>	Outlet Delivery Type	CHAR	3	-
<i>Customers</i>	<i>Recon</i>	Reconciliation Account in General Ledger	CHAR	10	-
<i>Customers</i>	<i>Paymentthis</i>	Indicator: Record Payment History ?	CHAR	1	-
<i>Customers</i>	<i>Centralar</i>	Central AR Customer	CHAR	1	-

Customers	Limit	Credit Limit	CHAR	16	-
Customers	Riskcat	Credit management: Risk category	CHAR	3	-
Customers	Ind1	Indicator: Blocked by credit management ?	CHAR	1	-
Customers	Creditgroup	Customer Credit Group	CHAR	4	-

2. Adjust existing table **Customercontacts** in CORE by adding fields into the table structure
Please find below the additional field minimum technical requirement of the table.

Table name	Field name	Description	Data Type	Length	Key Field
Customercontacts	Title	Title	CHAR	15	-

4. CORE need to setup a new database table as target table and field to store the non-overlapping outbound data of customer master from SAP :

1. Create a new table in CORE to store **Bank Detail Information**
Please find below the minimum technical requirement of the table.

Table name	Field name	Description	Data Type	Length	Key Field
Table name	Field name	Description	Data Type	Length	Key Field
Customerbank	Number	Customer Number	CHAR	10	Key
Customerbank	Countrykey	Bank country key	CHAR	3	Key
Customerbank	Banknumber	Bank number	CHAR	15	Key
Customerbank	Accountnumber	Bank account number	CHAR	18	-
Customerbank	Banktype	Partner bank type	CHAR	4	-
Customerbank	Bankdetails	Reference specifications for bank details	CHAR	20	-
Customerbank	Street	Street and House Number	CHAR	35	-
Customerbank	Bankcity	City	CHAR	35	-
Customerbank	Accountholder	Account Holder Name	CHAR	35	-

2. Create a new table in CORE to store **Withholding Tax information**
Please find below the minimum technical requirement of the table.

Table name	Field name	Description	Data Type	Length	Key Field
Customerwtax	Number	Customer Number	CHAR	10	Key
Customerwtax	Site	Company Code	CHAR	4	Key
Customerwtax	Wtaxtype	Indicator for withholding tax type	CHAR	2	Key
Customerwtax	Wtaxcode	Withholding tax code	CHAR	2	-
Customerwtax	Wtaxagent	Indicator: Withholding tax agent?	CHAR	1	-
Customerwtax	Validfrom	Obligated to withhold tax from	CHAR	8	-
Customerwtax	Validuntil	Obligated to withhold tax until	CHAR	8	-

3. Create a new table in CORE to store **Partner Function information**
Please find below the minimum technical requirement of the table.

Table name	Field name	Description	Data Type	Length	Key Field
Customerpartner	Number	Customer Number	CHAR	10	Key
Customerpartner	Salorg	Sales Organization	CHAR	4	Key
Customerpartner	Distchan	Distribution Channel	CHAR	2	Key
Customerpartner	Division	Division	CHAR	2	Key

Customerpartner	Partfunc	Partner Function	CHAR	2	Key
Customerpartner	Partcount	Partner Counter	CHAR	3	Key
Customerpartner	Partnum	Customer number of business partner	CHAR	10	-
Customerpartner	Vendnum	Vendor number of business partner	CHAR	10	-
Customerpartner	Persnum	Personnel number of business partner	CHAR	10	-

Middleware / Mapping

This part contains the information of field mapping between **SAP** fields to **CORE** fields. The field mapping will be split based on the **CORE** table.

Please find below the field mapping between **SAP** to **CORE** :

Table Customers

SAP PI will fill this table if the value of **E1KNA1M-KTOKD**(Account Group) is not equals with "YROU".

SOURCE : SAP									TARGET : CORE		Action /Remark /Conversion Logic
IDOC Type	Extension IDOC	Segment	Field Segment	Table /Structure Name	Field Name	Type	Length	Description	Table	Field Name	
DEBMAS07	/AMA /OUT_EXTENSION	E1KNA1M	KUNNR	KNA1	KUNNR	CHAR	10	Customer Number	Customers	Number	Customers-Number=E1KNA1M-KUNNR
DEBMAS07	/AMA /OUT_EXTENSION	E1KNA1M	KONZS	KNA1	KONZS	CHAR	10	Customer /Store No	Customers	Storeno	Customers-Storeno=E1KNA1M-KONZS
DEBMAS07	/AMA /OUT_EXTENSION	E1KNA1M	KTOKD	KNA1	KTOKD	CHAR	4	Customer Account Group	Customers	Accountgrp	Customers-Accountgrp=E1KNA1M-KTOKD
DEBMAS07	/AMA /OUT_EXTENSION	E1KNA1M	LAND1	KNA1	LAND1	CHAR	3	Country Key	Customers	Countrycode	Customers-Countrycode=E1KNA1M-LAND1
DEBMAS07	/AMA /OUT_EXTENSION	E1KNVVM	AUFSD	KNV1	AUFSD	CHAR	2	Order Block	Customers	Isactive	Set Customers-Isactive = "0" if E1KNVVM-AUFSD is equals with "YX" Else, set the value as "1"
DEBMAS07	/AMA /OUT_EXTENSION	E1KNA1M	NAME1	KNA1	NAME1	CHAR	35	Name 1	Customers	Name	Customers-Name=E1KNA1M-NAME1
DEBMAS07	/AMA /OUT_EXTENSION	E1KNA1M	NAME2	KNA1	NAME2	CHAR	35	Name 2	Customers	Name2	Customers-Name2=E1KNA1M-NAME2
DEBMAS07	/AMA /OUT_EXTENSION	E1KNA1M	ORT01	KNA1	ORT01	CHAR	35	City	Customers	City	Customers-City=E1KNA1M-ORT01
DEBMAS07	/AMA /OUT_EXTENSION	E1KNA1M	PSTLZ	KNA1	PSTLZ	CHAR	10	Postal Code	Customers	Postalcode	Customers-Postalcode=E1KNA1M-PSTLZ
DEBMAS07	/AMA /OUT_EXTENSION	E1KNA1M	REGIO	KNA1	REGIO	CHAR	3	Region (State, Province, County)	Customers	Regioncode	Customers-Regioncode=E1KNA1M-REGIO

DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	STRAS	KNA1	STRAS	CHAR	35	Street and House Number	Customers	Street	Customers- Street=E1K NA1M- STRAS
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /CMD_EXT ENSION	STR_SUPP L3	ADRC	STR_SUPP L3	CHAR	40	Street 4	Customers	Street4	Customers- Street4= /AMA /CMD_EXT ENSION- STR_SUPP L3
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /CMD_EXT ENSION	LOCATION	ADRC	LOCATION	CHAR	40	Street 5	Customers	Street5	Customers- Street5= /AMA /CMD_EXT ENSION- LOCATION
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	TELF1	KNA1	TELF1	CHAR	16	First telephone number	Customers	Telnumber	Customers- Telnumber= E1KNA1M- TELF1
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	TELF2	KNA1	TELF2	CHAR	16	Second telephone number	Customers	Mobilenum ber	Customers- Mobilenum ber=E1KNA1 M-TELF2
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	TELFX	KNA1	TELFX	CHAR	31	Fax Number	Customers	Faxnumber	Customers- Faxnumber= E1KNA1M- TELFX
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	STCD1	KNA1	STCD1	CHAR	20	Tax Number 1	Customers	Taxnum1	Customers- Taxnum1=E 1KNA1M- STCD1
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KATR3	KNA1	KATR3	CHAR	2	Business Type	Customers	Bustype	Customers- Bustype=E1 KNA1M- KATR3
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KATR6	KNA1	KATR6	CHAR	3	Trade Channel Cust	Customers	Tradchan	Customers- Tradchan=E 1KNA1M- KATR6
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KATR7	KNA1	KATR7	CHAR	3	Sub Trade Channel Customer	Customers	Subchan	Customers- Subchan=E 1KNA1M- KATR7
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	UDATE	CDHDR	UDATE	CHAR	10	Date Suppresed	Customers	Suppdate	If E1KNVVM- AUFSD = YX,

- Take the value of KNA1-KUNNR and concatenate with "000" at the front
- Take the value and check it into CDPOS-OBJECTID where CDPOS-OBJECTCLAS = "DEBI" and CDPOS-TABNAME = "KNVV" and CDPOS-FNAME = "AUFSD" and CDPOS-VALUE_NEW = "YX"
- If exist, take the CDPOS-CHAN GENR that has the biggest value.
 - Customer-Suppdate = CDHDR-UDATE where CDHDR-OBJECTID = CDP-OS-OBJECTID and CDHDR-CHANGENR = CDP-OS-CHANGENR
 - Else, set Customer-Suppdate = "

											Else, set Customers-Suppdate = " "
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/SCL/SUPR	KNA1	/SCL/SUPR	CHAR	2	Suppressed Reason	Customers	Suppreas	If E1KNVVM- AUFSD = YX, set Customers- Suppreas= /SCL /MDM_SUP DT-/SCL /SUPRDES CP where /SCL /MDM_SUP DT-/SCL /SUPR = /AMA /SAP_TO_C ORE-/SCL /SUPR Else, set Customers- Suppreas = " "
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA /HARDSTA RT	KNA1	/AMA /HARDSTA RT	CHAR	6	Hard Start	Customers	Hardstarttime	Customers- Hardstarttim e=/AMA /SAP_TO_C ORE-/AMA /HARDSTA RT
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA /HARDEND	KNA1	/AMA /HARDEND	CHAR	6	Hard End	Customers	Hardendtime	Customers- Hardendtim e=/AMA /SAP_TO_C ORE-/AMA /HARDEND
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA /SOFTSTART	KNA1	/AMA /SOFTSTART	CHAR	6	Soft Start	Customers	Softstarttime	Customers- Softstarttime =/AMA /SAP_TO_C ORE-/AMA /SOFTSTART
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA /SOFTEND	KNA1	/AMA /SOFTEND	CHAR	6	Soft End	Customers	Softendtime	Customers- Softendtime =/AMA /SAP_TO_C ORE-/AMA /SOFTEND
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/SCL /TRADENA ME	KNA1	/SCL /TRADENA ME	CHAR	5	Trade Name	Customers	Tradname	Customers- Tradname= /AMA /SAP_TO_C ORE-/SCL /TRADENA ME
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/SCL /OPMARKET	KNA1	/SCL /OPMARKET	CHAR	2	Operational Market Type	Customers	Opmarket	Customers- Opmarket= /AMA /SAP_TO_C ORE-/SCL /OPMARKET
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/SCL /GLCUST	KNA1	/SCL /GLCUST	CHAR	10	Global Customer	Customers	Gcust	Customers- Gcust=/AMA /SAP_TO_C ORE-/SCL /GLCUST
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/SCL /CUSTTYPE	KNA1	/SCL /CUSTTYPE	CHAR	2	Customer Type	Customers	Custype	Customers- Custype= /AMA /SAP_TO_C ORE-/SCL /CUSTTYPE
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	SMTP_ADDR	KNA1	SMTP_ADDR	CHAR	50	Customer Email	Customers	Email	Customers- Email=/AMA /SAP_TO_C ORE- SMTP_ADDR

DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA /OPREGION	KNA1	/AMA /OPREGION	CHAR	1	Operational Region	Customers	Opregon	Customers- Opregon= /AMA /SAP_TO_C ORE-/AMA /OPREGION
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	VKORG	KNVV	VKORG	CHAR	4	Sales Organization	Customers	Salorg	Customers- Salorg=E1K NVVM- VKORG
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	VTWEG	KNVV	VTWEG	CHAR	2	Distribution Channel	Customers	Distchan	Customers- Distchan=E 1KNVVM- VTWEG
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	SPART	KNVV	SPART	CHAR	2	Division	Customers	Division	Customers- Division=E1 KNVVM- SPART
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	BZIRK	KNVV	BZIRK	CHAR	6	Sales district	Customers	Salesdistrict	Customers- Salesdistrict =E1KNVVM -BZIRK
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	KONDA	KNVV	KONDA	CHAR	2	Price Book (Customer)	Customers	Pricebook	Customers- Pricebook= E1KNVVM- KONDA
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	ZTERM	KNVV	ZTERM	CHAR	4	Terms of Payment Key Sales	Customers	Topkey1	Customers- Topkey1=E1 KNB1M- ZTERM
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	VKBUR	KNVV	VKBUR	CHAR	4	Sales Office	Customers	Saleoffice	Customers- Saleoffice=E 1KNVVM- VKBUR
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	AUFSD	KNVV	AUFSD	CHAR	3	Suppressed Customer	Customers	Suppcust	If E1KNVVM- AUFSD = YX, set Customers- Suppcust= 0 Else, set Customers- Suppcust = "1"
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE_SLS	/LOT /GC_LONGI TUD	KNVV	/LOT /GC_LONGI TUD	CHAR	17	Geo location longitude	Customers	Latitude	Customers- Latitude= /AMA /SAP_TO_C ORE-/LOT /GC_LONGI TUD
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE_SLS	/LOT /GC_LATIT UDE	KNVV	/LOT /GC_LATIT UDE	CHAR	17	Geo location latitude	Customers	Longitude	Customers- Longitude= /AMA /SAP_TO_C ORE-/LOT /GC_LATIT UDE
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA /ARTGRPLI ST	KNVV	/AMA /ARTGRPLI ST	NUMC	5	Article Group List	Customers	Articlegroup	Customers- Articlegroup =/AMA /SAP_TO_C ORE-/AMA /ARTGRPLI ST
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	BUKRS	KNB1	BUKRS	CHAR	6	Company Code	Customers	Site	Customers- Company=E 1KNB1M- BUKRS
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	KNRZE	KNB1	KNRZE	CHAR	10	Head office account number (in branch accounts)	Customers	Headoffice	Customers- Headoffice= E1KNB1M- KNRZE
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	ZWELS	KNB1	ZWELS	CHAR	10	List of Respected Payment Methods	Customers	Paymethod	Customers- Paymethod= E1KNB1M- ZWELS

DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	ZTERM	KNB1	ZTERM	CHAR	4	Terms of Payment Key Accounting	Customers	Topkey2	Customers- Topkey2=E1 KNB1M- ZTERM
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	ALTKN	KNB1	ALTKN	CHAR	10	BASIS No.	Customers	Basisnumber	Customers- Basisnumbe r=E1KNB1M -ALTKN
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	GUZTE	KNB1	GUZTE	CHAR	4	Payment Terms Key for Credit Memos	Customers	Topkey3	Customers- Topkey3=E1 KNB1M- GUZTE
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	BEGRU	KNA1	BEGRU	CHAR	4	Authorizatio n Group	Customers	Authgroup	Customers- Authgroup= E1KNA1M- BEGRU
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KUKLA	KNA1	KUKLA	CHAR	2	Service Policy	Customers	Servpolicy	Customers- Servpolicy= E1KNA1M- KUKLA
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	ORT02	KNA1	ORT02	CHAR	35	District	Customers	Distric	Customers- District=E1K NA1M- ORT02
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	LZONE	KNA1	LZONE	CHAR	10	Transportati on zone to or from which the goods are delivered	Customers	Tranzone	Customers- Tranzone=E 1KNA1M- LZONE
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KATR1	KNA1	KATR1	CHAR	2	CAC - Customer	Customers	Cacust	Customers- Cacust=E1K NA1M- KATR1
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KATR2	KNA1	KATR2	CHAR	2	CAC - Consumer	Customers	Cacons	Customers- Cacons=E1 KNA1M- KATR2
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KATR5	KNA1	KATR5	CHAR	2	Business Compl. Type	Customers	Buscomp	Customers- Buscomp=E 1KNA1M- KATR5
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KATR8	KNA1	KATR8	CHAR	3	Trade Channel Consumer	Customers	Tradchanco ns	Customers- Tradchanco ns=E1KNA1 M-KATR8
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KATR9	KNA1	KATR9	CHAR	3	Sub Trade Channel Consumer	Customers	Subchancons	Customers- Subchancon s=E1KNA1 M-KATR9
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	STKZN	KNA1	STKZN	CHAR	1	Natural Person	Customers	Natpers	Customers- Natpers=E1 KNA1M- STKZN
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	STCD3	KNA1	STCD3	CHAR	18	Tax Number 3	Customers	Taxnum3	Customers- Taxnum3=E 1KNA1M- STCD3
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KDKG1	KNA1	KDKG1	CHAR	2	Customer condition group 1	Customers	Condgrup	Customers- Condgrup=E 1KNA1M- KDKG1
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/SCL /OPCHANN EL	KNA1	/SCL /OPCHANN EL	CHAR	3	Operational Trade Channel	Customers	Opchan	Customers- Opchan= /AMA /SAP_TO_C ORE-/SCL /OPCHANN EL
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/INCS	KNA1	/AMA/INCS	CHAR	1	Income Status	Customers	Incstatus	Customers- Incstatus= /AMA /SAP_TO_C ORE-/AMA /INCS

DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/DINR	KNA1	/AMA/DINR	CHAR	1	Direct /indirect Indicator	Customers	Indicator	Customers- Dindicator= /AMA /SAP_TO_C ORE-/AMA /DINR
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/LKAT	KNA1	/AMA/LKAT	CHAR	4	LKA Tiering	Customers	Lkatier	Customers- Lkatier= /AMA /SAP_TO_C ORE-/AMA /LKAT
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/OUTS	KNA1	/AMA/OUTS	CHAR	1	Outlet Size	Customers	Outsize	Customers- Outsize= /AMA /SAP_TO_C ORE-/AMA /OUTS
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/ /PROM	KNA1	/AMA/ /PROM	CHAR	1	Promo Package	Customers	Promo	Customers- Promo= /AMA /SAP_TO_C ORE-/AMA /PROM
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/SERP	KNA1	/AMA/SERP	CHAR	1	Service Priority	Customers	Servpriority	Customers- Servpriority= /AMA /SAP_TO_C ORE-/AMA /SERP
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/UDMS	KNA1	/AMA/UDMS	CHAR	1	SP-CCOD use DMS	Customers	Udms	Customers- Udms=/AMA /SAP_TO_C ORE-/AMA /UDMS
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/TBCD	KNA1	/AMA/TBCD	CHAR	8	To-be Closed Date	Customers	Tbclosec	Customers- Tbclosec= /AMA /SAP_TO_C ORE-/AMA /TBCD
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/TBCO	KNA1	/AMA/TBCO	CHAR	1	To be Closed Outlet	Customers	Tbcloseo	Customers- Tbcloseo= /AMA /SAP_TO_C ORE-/AMA /TBCO
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/TOPB	KNA1	/AMA/TOPB	CHAR	1	Top Bronze	Customers	Topbron	Customers- Topbron= /AMA /SAP_TO_C ORE-/AMA /TOPB
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/PAYZ	KNA1	/AMA/PAYZ	CHAR	1	Payment Zone	Customers	Payzone	Customers- Payzone= /AMA /SAP_TO_C ORE-/AMA /PAYZ
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA /GFLAG	KNA1	/AMA /GFLAG	CHAR	2	Geo Code Flag	Customers	Gcflag	Customers- Gcflag= /AMA /SAP_TO_C ORE-/AMA /GFLAG
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	KALKS	KNVV	KALKS	CHAR	1	Pricing procedure assigned to this customer	Customers	Pricpro	Customers- Pricpro=E1K NVVM- KALKS
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	PLTYP	KNVV	PLTYP	CHAR	2	Price list type	Customers	Priclist	Customers- Priclist =E1KNVVM -PLTYP
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	LPRIO	KNVV	LPRIO	CHAR	2	Version Number Component	Customers	Delivprio	Customers- Delivprio=E 1KNVVM- LPRIO
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	VSBED	KNVV	VSBED	CHAR	2	Shipping Conditions	Customers	Shipcond	Customers- Shipcond=E 1KNVVM- VSBED

DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	PERFK	KNVV	PERFK	CHAR	2	Invoice dates (calendar identification)	Customers	Invoicedate	Customers- Invoicedate =E1KNVVM- PERFK
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	PERRL	KNVV	PERRL	CHAR	2	Invoice list schedule (calendar identification)	Customers	Invoicelist	Customers- Invoicelist=E 1KNVVM- PERRL
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	WAERS	KNVV	WAERS	CHAR	5	Currency Key	Customers	Currkey	Customers- Currkey=E1 KNVVM- WAERS
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	KTGRD	KNVV	KTGRD	CHAR	2	Account assignment group for this customer	Customers	Accassign	Customers- Accassign= E1KNVVM- KTGRD
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	VWERK	KNVV	VWERK	CHAR	4	Delivering Plant	Customers	Delvplant	Customers- Delvplant=E 1KNVVM- VWERK
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	/LOT /CU_CUST14	KNVV	/LOT /CU_CUST14	CHAR	3	Outlet Delivery Type	Customers	Outdelttype	Customers- Outdelttype= E1KNVVM- /LOT /CU_CUST14
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	AKONT	KNB1	AKONT	CHAR	10	Reconcilia tion Account in General Ledger	Customers	Recon	Customers- Recon=E1KN NB1M- AKONT
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	XZVER	KNB1	XZVER	CHAR	1	Indicator: Record Payment History ?	Customers	Paymentthis	Customers- Paymentthis =E1KNB1M- XZVER
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	/AMA/DLVT	KNA1	/AMA/DLVT	CHAR	1	Central AR Customer	Customers	Centralar	Customers- Centralar= /AMA /SAP_TO_C ORE-/AMA /DLVT
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNKKM	KLIMK	KNKK	KLIMK	CHAR	16	Credit Limit	Customers	Limit	Customers- Limit=E1KN KKM-KLIMK
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNKKM	CTLPC	KNKK	CTLPC	CHAR	3	Credit managemen t: Risk category	Customers	Riskcat	Customers- Riskcat=E1 KNKKM- CTLPC
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNKKM	CRBLB	KNKK	CRBLB	CHAR	1	Indicator: Blocked by credit managemen t ?	Customers	Ind1	Customers- Ind1=E1KN KKM- CRBLB
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNKKM	GRUPP	KNKK	GRUPP	CHAR	4	Customer Credit Group	Customers	Creditgroup	Customers- Creditgroup =E1KNKKM -GRUPP
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	USERNAME	CDHDR	USERNAME	CHAR	12	Created By	Customers	Createdby	Customers- Createdby = CDHDR- USERNAME where CDHDR- CHANGE_I ND = I and CDHDR- OBJECTID is equals with = concatenate "000" +E1KNA1M- KUNNR

DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	UDATE	CDHDR	UDATE	CHAR	25	Created Date	Customers	Createddate	Customer- Createddate = CDHDR- UDATE+CD HDR- UTIME where CDHDR- CHANGE_I ND = I and CDHDR-OB JECTID is equals with = concatenate "000" +E1KNA1M- KUNNR
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	USERNAME1	CDHDR	USERNAME	CHAR	12	Modified By	Customers	Modifiedby	Customers- Modifiedby = CDHDR- USERNAME where CDHDR- CHANGE_I ND = U and CDHDR-OB JECTID is equals with = concatenate "000" +E1KNA1M- KUNNR If more than one, get the latest.
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	UDATE1	CDHDR	UDATE	CHAR	25	Modified Date	Customers	Modifieddate	Customer- Modifieddat e = CDHDR- UDATE+CD HDR- UTIME where CDHDR- CHANGE_I ND = U and CDHDR-OB JECTID is equals with = concatenate "000" +E1KNA1M- KUNNR If more than one, get the latest.

Table Customercontacts

SOURCE : SAP									TARGET : CORE		Action /Remark /Conversi on Logic
IDOC Type	Extension IDOC	Segment	Field Segment	Table /Structure Name	Field Name	Type	Length	Descripti on	Table	Field Name	
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KUNNR	KNA1	KUNNR	CHAR	10	Customer Number	Customerco ntacts	Number	Customerco ntacts- Number=E1 KNA1M- KUNNR
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVKM	PARNR	KNVK	PARNR	CHAR	10	Number of contact person	Customerco ntacts	Contactid	Customerco ntacts- Contactid=E 1KNVKM- PARNR
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVKM	PAFKT	KNVK	PAFKT	CHAR	2	Contact person function	Customerco ntacts	Functionid	Customerco ntacts- Functionid= E1KNVKM- PAFKT

DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	VTEXT	TPFK	VTEXT	CHAR	20	Function description	Customerco ntacts	Functiondesc	Customerco ntacts- Functiondes c=TPFK- VTEXT where E1KN VKM- PAFKT=TP FK-PAFKT
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVKM	ANRED	KNVK	ANRED	CHAR	15	Title	Customerco ntacts	Title	Customerco ntacts- Title=E1KN VKM- ANRED
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVKM	NAME1	KNVK	NAME1	CHAR	35	Name 1	Customerco ntacts	Name	Customerco ntacts- Name=E1K NVKM- NAME1
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVKM	TELF1	KNVK	TELF1	CHAR	16	First telephone number	Customerco ntacts	Telnumber	Customerco ntacts- Telnumber= E1KNVKM- TELF1
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	BUKRS	KNB1	BUKRS	CHAR	4	Company Code	Customerco ntacts	Site	Customerco ntacts- Site=E1KNB 1M-BUKRS
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	AUFSD	KNVV	AUFSD	CHAR	1	Active Flag	Customerco ntacts	Isactive	Set Customerco ntacts- Isactive = "0 " if E1KNVVM- AUFSD is equals with "YX" Else, set the value as "1"
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	ERNAMCO NT	KNVK	ERNAM	CHAR	12	Created By	Customerco ntacts	Createdby	Customerco ntacts- Createby = CDHDR- USERNAME where CDHDR- CHANGE_I ND = I and CDHDR-OB JECTID is equals with = concatenate "000" +E1KNA1M- KUNNR
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	ERDATCONT	KNVK	ERDAT	CHAR	25	Created Date	Customerco ntacts	Createddate	Customerco ntacts- Createddate = CDHDR- UDATE+CD HDR- UTIME where CDHDR- CHANGE_I ND = I and CDHDR-OB JECTID is equals with = concatenate "000" +E1KNA1M- KUNNR

DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	ERNAMCO NT1	CDHDR	ERNAM	CHAR	12	Changed By	Customerco ntacts	Changedby	Customerco ntacts- Changedby = CDHDR- USERNAME where CDHDR- CHANGE_I ND = U and CDHDR-OB JECTID is equals with = concatenate "000" +E1KNA1M- KUNNR If more than one, get the latest.
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	ERDATCON T1	CDHDR	ERDAT	CHAR	25	Changed Date	Customerco ntacts	Changedit	Customerco ntacts- Changedit = CDHDR- UPDATE+CD HDR- UTIME where CDHDR- CHANGE_I ND = U and CDHDR-OB JECTID is equals with = concatenate "000" +E1KNA1M- KUNNR If more than one, get the latest.

Table Customernotes

SOURCE : SAP									TARGET : CORE		Action /Remark /Conversion Logic
IDOC Type	Extension IDOC	Segment	Field Segment	Table /Structure Name	Field Name	Type	Length	Descripti on	Table	Field Name	
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KUNNR	KNA1	KUNNR	CHAR	10	Customer Number	Customerno tes	Number	Customerno tes- Number=E1 KNA1M- KUNNR
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1H	TDID	-	-	CHAR	4	Text ID	Customerno tes	Typeid	Customerno tes-Typeid= 'Y011'
-	-	-	-	-	-	-	-	Line ID	Customerno tes	Lineid	Customerno tes- Lineid=sequ ence number running automaticall y for the same text ID

DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1L	TDLIN	-	-	CHAR	132	Text Line	Customernotes	Transactionid	<p>Call Function : READ_TEXT</p> <p>Import Parameter : ID = 'Y011'</p> <p>LANGUAGE = 'EN'</p> <p>NAME = <KNA1-KUNNR></p> <p>OBJECT = 'KNA1'</p> <p>Split TDLIN by '# ' become : Notes#Username#ChangeDate</p> <p>e.g : Watch out for the slippery road #IDWULYA NABU #23.01.2018</p> <p>Only get certain last number of notes based on <NOTE_NUMBER></p>
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	BUKRS	KNB1	BUKRS	CHAR	4	Company Code	Customernotes	Site	Customernotes-Site=E1KNB1M-BUKRS
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	AUFSD	KNVV	AUFSD	CHAR	1	Active Flag	Customernotes	Isactive	<p>Set Customernotes-Isactive = "0" if E1KNVVM-AUFSD is equals with "YX"</p> <p>Else, set the value as "1"</p>
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	ERNAMNOTES	TDLIN	ERNAM	CHAR	12	Created By	Customernotes	Createdby	Refer to split TDLIN for #username
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	ERDATNOTES	TDLIN	ERDAT	CHAR	25	Created Date	Customernotes	Createddate	Refer to split TDLIN for #ChangeDate

DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	ERNAMNO TESC	CDHDR	ERNAM	CHAR	12	Modified By	Customerno tes	Changeby	Customerno tes- Changeby = CDHDR- USERNAME where CDHDR- CHANGE_I ND = U and CDHDR-OB JECTID is equals with = concatenate "000" +E1KNA1M- KUNNR If more than one, get the latest.
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE	ERDATNOT ESC	CDHDR	ERDAT	CHAR	25	Modified Date	Customerno tes	Changedate	Customerno tes- Changeby = CDHDR- UDATE+CD HDR- UTIME where CDHDR- CHANGE_I ND = U and CDHDR-OB JECTID is equals with = concatenate "000" +E1KNA1M- KUNNR If more than one, get the latest.

Table Customerbank

SOURCE : SAP									TARGET : CORE		Action /Remark /Conversi on Logic
IDOC Type	Extension IDOC	Segment	Field Segment	Table /Structure Name	Field Name	Type	Length	Descripti on	Table	Field Name	
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KUNNR	KNA1	KUNNR	CHAR	10	Customer Number	Customerba nk	Number	Customerba nk- Number=E1 KNA1M- KUNNR
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBKM	BANKS	KNBK	BANKS	CHAR	3	Bank country key	Customerba nk	Countrykey	Customerba nk- Countrykey= E1KNBKM- BANKS
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBKM	BANKL	KNBK	BANKL	CHAR	15	Bank number	Customerba nk	Banknumber	Customerba nk- Banknumber =E1KNBKM -BANKL
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBKM	BANKN	KNBK	BANKN	CHAR	18	Bank account number	Customerba nk	Accountnum ber	Customerba nk- Accountnum ber=E1KNB KM-BANKN
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBKM	BVTYP	KNBK	BVTYP	CHAR	4	Partner bank type	Customerba nk	Banktype	Customerba nk- Banktype=E 1KNBKM- BVTYP
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBKM	BKREF	KNBK	BKREF	CHAR	20	Reference specification s for bank details	Customerba nk	Bankdetails	Customerba nk- Bankdetails =E1KNBKM -BKREF

DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE_BANK	STRAS	KNBK	STRAS	CHAR	35	Street and House Number	Customerba nk	Street	Customerba nk- Street=E1K NBKM- STRAS
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE_BANK	ORT01	KNBK	ORT01	CHAR	35	City	Customerba nk	Bankcity	Customerba nk- Bankcity=E1 KNBKM- ORT01
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBKM	KOINH	KNBK	KOINH	CHAR	35	Account Holder Name	Customerba nk	Accounthold er	Customerba nk- Accounthold er=E1KNBK M-KOINH

Table Customerwtax

SOURCE : SAP									TARGET : CORE		Action /Remark /Conversi on Logic
IDOC Type	Extension IDOC	Segment	Field Segment	Table /Structure Name	Field Name	Type	Length	Descripti on	Table	Field Name	
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNA1M	KUNNR	KNA1	KUNNR	CHAR	10	Customer Number	Customerwt ax	Number	Customerwt ax- Number=E1 KNA1M- KUNNR
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNB1M	BUKRS	KNB1	BUKRS	CHAR	4	Company Code	Customerwt ax	Site	Customerwt ax- Site=E1KNB 1M-BUKRS
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBWM	WITHT	KNBW	WITHT	CHAR	2	Indicator for withholding tax type	Customerwt ax	Wtaxtype	Customerwt ax- Wtaxtype=E 1KNBWM- WITHT
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBWM	WT_WITHCD	KNBW	WT_WITHCD	CHAR	2	Withholding tax code	Customerwt ax	Wtaxcode	Customerwt ax- Wtaxcode= E1KNBWM- WT_WITHCD
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBWM	WT_AGENT	KNBW	WT_AGENT	CHAR	1	Indicator: Withholding tax agent?	Customerwt ax	Wtaxagent	Customerwt ax- Wtaxagent= E1KNBWM- WT_AGENT
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBWM	WT_AGTDF	KNBW	WT_AGTDF	CHAR	8	Obligated to withhold tax from	Customerwt ax	Validfrom	Customerwt ax- Validfrom=E 1KNBWM- WT_AGTDF
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNBWM	WT_AGTDT	KNBW	WT_AGTDT	CHAR	8	Obligated to withhold tax until	Customerwt ax	Validuntil	Customerwt ax- Validuntil=E 1KNBWM- WT_AGTDT

Table Customerpartner

SOURCE : SAP									TARGET : CORE		Action /Remark /Conversi on Logic
IDOC Type	Extension IDOC	Segment	Field Segment	Table /Structure Name	Field Name	Type	Length	Descripti on	Table	Field Name	
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	KUNNR	KNA1	KUNNR	CHAR	10	Customer Number	Customerpa rtner	Number	Customerpa rtner- Number=E1 KNVVM- KUNNR

DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	VKORG	KNVV	VKORG	CHAR	4	Sales Organization	Customerpa rtner	Salorg	Customerpa rtner- Salorg=E1K NVVM- VKORG
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	VTWEG	KNVV	VTWEG	CHAR	2	Dist. Channel	Customerpa rtner	Distchan	Customerpa rtner- Distchan=E 1KNVVM- VTWEG
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVVM	SPART	KNVV	SPART	CHAR	2	Division	Customerpa rtner	Division	Customerpa rtner- Division=E1 KNVVM- SPART
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVPM	PARVW	KNVP	PARVW	CHAR	2	Partner Function	Customerpa rtner	Partfunc	Customerpa rtner- Partfunc=E1 KNVPM- PARVW
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVPM	PARZA	KNVP	PARZA	CHAR	3	Partner Counter	Customerpa rtner	Partcount	Customerpa rtner- Partcount=E 1KNVPM- PARZA
DEBMAS07	/AMA /OUT_EXTEN SION	E1KNVPM	KUNN2	KNVP	KUNN2	CHAR	10	Partner Number	Customerpa rtner	Partnum	Customerpa rtner- Partnum=E1 KNVPM- KUNN2
DEBMAS07	/AMA /OUT_EXTEN SION	/AMA /SAP_TO_C ORE_PART NER	LIFNR	KNVP	LIFNR	CHAR	10	Vendor Number	Customerpa rtner	Vendnum	Customerpa rtner- Vendnum=E 1KNVPM- LIFNR

Special Instructions

Non-functional Requirements

Performance Expectations

Error Handling

Error Reporting / Notifications

Error Handling / Reprocessing

Message Frequency / Volume

Attribute	Value	Additional Information
Frequency	Daily	
Number of Messages	1	
Records Per Message	less than 1000	
Field Per Record	less than 130	

Approx. Message Size		
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Quality Of Service

Attribute	Value	Additional Information
Methodology		
Quality Of Service		
Dynamic Queuing?		

Reporting Requirements

Message Logging

Reporting Requirements

Authorization Requirements

Authorization Roles

Role	Description	Additional Information

Batch Jobs

Job	Description	Frequency	Job Chain	Additional Information

Security Considerations

Audit / Compliance

Sensitive Data

Technical Objects

Segment Type	/AMA/SAP_TO_CORE
Segment Type	/AMA/SAP_TO_CORE_SLS
Segment Type	/AMA/SAP_TO_CORE_BANK
Segment Type	/AMA/SAP_TO_CORE_PARTNER
IDoc Type Extension	/AMA/DEBMAS07
Message Type	/AMA/IR2_CPOINT_CUSTOMER
Queueing Rule	/AMA/IR2_CPOINT_CUSTOMER
Function Group	/AMA/MDM_CPOINT_CUSTOMER
Function Module	/AMA/MDM_CPCUST_IDOC_QUEUE
Function Module	/AMA/MDM_CPCUST_CP_TO_IDOC
Function Module	/AMA/MDM_CPCUST_CREATE_IDOC
Function Module	/AMA/MDM_CPCUST_BDCP_BADI
BAdI	BDCP_BEFORE_WRITE
BAdI Implementation	/AMA/BDCP_BEFORE_WRT
BAdI Class	/AMA/CL_IM_BDCP_BEFORE_WRT
Structure	/AMA/CPCUST_IDOC
Table Type	/AMA/T_CPCUST_IDOC
Table Type	/AMA/T_E1KNVPM
Table Type	/AMA/T_E1KNBWM
Table Type	/AMA/T_S2C_CONTACT
Table Type	/AMA/T_S2C_BANK
Table Type	/AMA/T_S2C_PARTNER
Structure (Deep)	/AMA/E1KNVPM_TAB
Table Type (Deep)	/AMA/T_E1KNVPM_TAB
Structure (Deep)	/AMA/E1KNBWM_TAB
Table Type (Deep)	/AMA/T_E1KNBWM_TAB
Structure (Deep)	/AMA/S2C_PARTNER_TAB
Table Type (Deep)	/AMA/T_S2C_PARTNER_TAB

Related Items



Unknown macro: 'labeled-incoming'