



The MINDER Series™ for Barcode Inventory Control.

Section VIII - Administration



Contents

Section VIII - Administration.....	1
Version Changes	8
Version Changes continued.....	9
Log On	10
About The MINDER Series	11
Introduction to The MINDER Series Administration	12
Administration of Master Data Tables	13
Audit 14	
AUDIT_CODE	15
AUDIT PROCESSING	16
AUDIT PROCESSING - Using Audit Processing Screen 1	17
AUDIT PROCESSING - Using Audit Screen 2	18
LEGACY_ADJUSTMENT	19
LEGACY_ADJUSTMENT - Edit	20
STOCKTAKE	21
STOCKTAKE - Edit.....	22
Importing Data Menu 23	
IMPORTING DATA	24
IMPORTING DATA - Copy Cells from Clipboard	25
IMPORTING DATA - Method A	26
IMPORTING DATA - Method B	27
IMPORTING DATA - Method B - Create .CSV.....	28
IMPORTING DATA - Method B - Import .CSV	29
IMPORTING DATA - Methods A & B - Confirm Import.....	30
Master Data Description Screens. 31	
Master Data - Search Filter Options	32
Master Data - BRAND	33



Master Data - CARRIER	34
CARRIER Types	35
Master Data - CARRIER_SERVICE	36
Master Data - COST CENTRE	37
Master Data - COMPANY	38
Edit - COMPANY Fields	39
Edit - First & Second Bank Account Details	40
Master Data - DEPARTMENT	41
Master Data - DIVISION	42
Master Data - GROUP_COPY	43
Master Data - LABEL_LOCATION	44
Master Data - LOAN_RATE	45
Master Data - MODEL	46
Master Data - PRODUCT_CONDITION	47
Appearance, Operability, Completeness, Services	47
Master Data - PRODUCT DESCRIPTIONS	48
Master Data - PROJECT	49
Master Data - RETICULATION	50
Master Data - STATUS DEFS	51
Master Data - TURNOVER (TOG)	52
Master Data - Type Descriptions - SSN_TYPE -> GENERIC -> SSN_SUB_TYPE	53
SSN_TYPE - (Type I)	54
SSN_TYPE - ADD	55
GENERIC - (Type II)	56
SSN_SUB_TYPE - (Type III)	57
Legacy Codes	58
Master Data - Units of Measure (UOM)	59



Master Data - Units of Measure Types (UOM_TYPE)	60
Master Data - WARRANTY	61
Master Data - ZONE	62
Master Data - REPLACE MASTER DATA	63
Orders 64	
Orders - ORDER_TYPE	65
Orders - PAYMENT_METHODS	66
Orders - TERMS	67
Orders - PICK_ORDER	68
Orders - PICK_ITEM	69
Orders - PICK_ITEM_DETAIL	70
Orders - PICK_DESPATCH	71
Orders - PACK_ID	72
Orders - PURCHASE_ORDER	73
Orders - PURCHASE_ORDER_LINE	74
Orders - GRN	75
Product Profiles 76	
Product Profile - PROD_PROFILE	77
PROD_PROFILE - Add - Part 1	78
PROD_PROFILE - Add - Part 2	79
PROD_PROFILE - Add - Part 3	80
Product Profile - Importing New Products or Updating	81
Importing New or Updating - Steps 1 - 3	81
Importing New or Updating - Steps 4 - 5	82
Importing New or Updating - Step 6 - Save .CSV	83
Importing New or Updating - Step 7 - Import .CSV	84
Importing New or Updating - Step 8 - Confirm Import	85



Product Profile - KIT	86
Product Profile - PRODUCT_KIT	87
Product Profile - PROD_EAN	88
Product Profile - PRODUCT TYPE (PROD_TYPE)	89
Product Profile - PALLET CONFIGURATION (PALLET_CFG)	90
Product Profile - SLOTTING PRODUCTS	91
Person Profiles 92	
PERSON	93
PERSON - Fields	94
PERSON - PERSON_TYPE	95
PERSON - PERSON_ADDRESS	96
PERSON - PERSON_COMPANY	97
PERSON - ACCESS_COMPANY	98
PERSON - ACCESS_USER	99
PERSON - SYS_USER	100
SYS_USER - Non Administration	101
Employee Profiles 102	
EMPLOYEE	103
EMPLOYEE - Fields	104
Employee - EMPLOYEE_IMAGE	105
Employee - EMPLOYEE_ISSUE	106
Employee - OCCUPATION	107
Employee - SKILL	108
System Tables 109	
System - ARCHIVE_LAYOUT	110
System - CONTROL	111
SYSTEM - CONTROL - Fields 1	112



SYSTEM - CONTROL - Fields 2	113
System - DATA IDENTIFIERS (PARAM)	114
DATA IDENTIFIERS - Add/Edit	115
System - GLOBAL USER DEFINED FIELDS (GLOBAL_CONDITIONS)	116
GLOBAL USER DEFINED FIELDS - Add/Edit	117
System - OPTIONS	118
System - SSN OTHER Field Titles (SSN_GROUP)	119
SSN_GROUP - Add/Edit 1	120
SSN_GROUP - Add/Edit 2	121
System - SSN Description (DESCRIPTION_LAYOUT)	122
System - EQUIPMENT (SYS_EQUIP)	123
EQUIPMENT - Add/Edit	124
System - HAND HELD SETTINGS (SYS_HH)	125
System - INVENTORY MOVEMENTS (SYS_MOVES)	126
System - LABELS (SYS_LABEL)	127
LABELS - Import Label Format	128
Step 1. Prepare Label Format Source .CSV File	129
Step 2. Complete Import details	130
Step 3. Check Imported details	131
Step 4a. Example - Edit of Product ID Placeholder	132
Step 4b. Example - Edit of Location ID Placeholders	133
Step 5. Add SYS_LABEL_VAR	134
Step 6. Example - Substr(%Placeholder%)	135
Step 7. OPTIONS Table - Register Label Formats	136
Step 8. Print Test Label	137
System - PRINT_REQUESTS	138
System - PRINT_REQUESTS_ARCHIVE	139
System - LOCATION	140



LOCATION - Search/Edit.....	141
LOCATION - ADD	142
LOCATION - Field Descriptions 1.....	143
LOCATION - Field Descriptions 2.....	144
LOCATION - Print Labels	145
WAREHOUSE	146
WAREHOUSE - Add/Edit	147

System Transactions 148

System Transactions - TRANSACTIONS	149
System Transactions - TRANSACTIONS_ARCHIVE	150
System Transactions - TRANSACTIONS4	151
System Transactions - TRANSACTIONS4_ARCHIVE	152
System Transactions - SOAP_CLI Status	153
System Transactions - USER_ENV	154
System Transactions - SSN_HIST	155
System Transactions - SSN_TEST	156
System Transactions - SSN_TEST_RESULTS	157
System Transactions - PRODUCT_COND_STATUS	158
System Transactions - TRANSACTION_TYPES	159

APPENDIX 160

System Components and Setup	161
Client Specific Components:	163
MS WIN2003 v5.0.1.2060	163



Version Changes

V4 - October 2006 -1006a:

Added new Master Data Table - SSN_SUB_TYPE which is being labelled 'Type III'. Converting References from 'SSN_TYPE', 'Type' and 'SSN_Type' to 'Type I'. Converting References from 'Generic' to 'Type II'.

V5.0.0.0 - June 2007+

All Administration screens progressively converted from Delphi based Client Application to Java Browser - WarehouseMinder5. (Requires Tomcat 5 Server).

V5.0.1.0 - June 2008+

All screens previously converted to Java Browser (see WarehouseMinder5) now converted to PHP Browser. (Does not require Tomcat 5).

Created 3 Variants - Product, Tools and Museum to cater for these 3 distinct Warehousing environments.

Added PHP CLI-SOAP interface for retrieving and updating NetSuite ERP Sales and Purchase Orders.

V5.0.1.2155 - April 2009+

Released revised and extended the Adminstration Menus and Options to maintain system.

Add new PHP + Python Barcode Label Printing System which does not require 3rd Party Systems except to help design required Label Formats.

Use 3rd Party system to then generate Native Printer Commands and import into Minder's SYS_LABEL Table where Placeholders are edited and any run-time data manipulation is configured.



Version Changes continued....

V5.0.1.2408 - July 2009+

Added access to User Manuals (PDF's) via the About Menu.



Log On

Once your MINDER System has been setup and handed over for your use you need to enter the URL defined for your site into your Desktop Firefox Browser. Each site has a slightly different URL to that shown below....

Your company's Logo is placed here...

Once the Browser reaches the MINDER Server it will display the LOGIN screen.... You must enter your User ID and Password which is issued by your MINDER Systems Administrator.

The screenshot shows a Firefox browser window with the title "User Login - Mozilla Firefox". The address bar contains the URL "http://als.barcoding.com.au/minder/user/login". The main content area displays a login page for "TOOL*MINDER". The page features a yellow header bar with the ALSTOM logo, navigation links (Home, Warehouse, Orders, Transfer, Reports), and a "Logout All" link. Below this is a "LOGIN" section with "User Id" and "Password" input fields, a "Login" button, and a "Logout all users" link. The bottom of the page includes a copyright notice: "© 2009 Barcoding & Data Collection Systems Pty Limited. All Rights Reserved." A blue line points from the "Your company's Logo is placed here..." text to the ALSTOM logo. Another blue line points from the "Once the Browser reaches the MINDER Server it will display the LOGIN screen.... You must enter your User ID and Password which is issued by your MINDER Systems Administrator." text to the "User Id" input field. A red line points from the "Logout all users" link to the same link on the page.

There are currently 3 variants of The MINDER Series:
WAREHOUSE*MINDER,
TOOL*MINDER and
MUSEUM*MINDER

**NOTE: Each MINDER site is licensed for a maximum number of con-current Users.
If you fail to Log Off then your User Id is not removed and the count of con-current Users remains which may preclude the next User logging in.**

'Logout all users' is used by the Systems 'Admin' User to Log out all logged on Users and hence reset the concurrent User count to zero.
Currently active Users will find they must re-Log In to continue.



About The MINDER Series

Once you have successfully Logged On you may use the the 'About' button to display B&DCS contact details...

Currently logged in User ID.

The MINDER Series variant name.

The screenshot shows the WAREHOUSE*MINDER software interface. At the top, there is a navigation bar with links for Home, Warehouse, Orders, Transfer, Reports, Administration, Welcome (user ID), Connected to WAREHOUSE*MINDER, CF, Logout, and About. The 'About' link is highlighted with a yellow box. Below the navigation bar, there is a sidebar titled 'LIMIT' with dropdown menus for Company (set to All), Warehouse (set to All), and Printer (set to PA). The main content area is titled 'WAREHOUSE*MINDER™' and displays the following information:

Version: 5.0.1.2408 - Product
A member of The Minder Series™
www.barcoding.com.au
Tel: 1300 369 513
 (+61 2) 9419 6011
Fax: (+61 2) 9413 4261
Email: support@barcoding.com.au
Manuals:
• MDR_PC_Admin_UserManual_v5e.pdf

At the bottom of the main content area, there is a copyright notice: © 2009 Barcoding & Data Collection Systems Pty Limited. All Rights Reserved.

The 'Manuals' lists User Manual PDF's that should be used to help understand how The MINDER Series operates.



Introduction to The MINDER Series Administration

The MINDER Series™ is an Inventory Tracking System designed around the use of a Barcoded, uniquely numbered Identification Tag or Label that is attached to each and every Asset, Object, Tool and Product owned or held within an Organisation's Buildings, Locations, Repositories and Warehouses.

The following are required at the initial setting up of the system and are performed by B&DCS as these require system's knowledge and skills beyond that expected of the Minder Systems Administrator:

- Initial Installation, Setup, Commissioning:
 - Host Server Computer:
 - Operating System and Service Pack Requirements
 - Firebird SQL Database Install and Setup
 - Apache Web Server
 - PHP Web Services
 - Python.exe
 - (Optional) Commander™ (from Seagull Scientific, Inc)
 - (Optional) BarTender™ Enterprise (from Seagull Scientific, Inc)
 - FTP Server - If using MCL Batch Devices.
 - Barcode Printers and Print Servers (if required)
 - Firmware Upgrades
 - Hand Held Terminals
 - Firmware and Operating Systems Service Pack Requirements
 - Batch MCL Application for Off-line Operations, and
 - Radio Frequency (On-line) Type with:
 - HTML Browser.

- Radio Frequency Access Points
- Firmware Upgrades
- Wireless Security
 - WEP, WPA, WPA2
 - IEEE 802.1x
- Legacy System Interfacing:
 - Excel, XML, ASCII Data Files,
 - Print Spooling,
 - SOAP (Optional for systems with SOAP interfaces)
- Maintenance & Support Access Methods
 - Broadband - ADSL
 - Terminal Services, VNC and open Ports requirements
 - Remote Access Security Policies

The following Minder Administration Screens are designed to assist with both the initial loading and the on-going Maintenance of the System's Master Data Tables, Profiles and User Settings:

- Master Data Tables
- Product, Location Profiles
- Users
 - Passwords - Requires User ID = 'Admin'
 - Product and Test Database Access
 - Repository, Company Access Controls
 - Order Entry Approvals
 - Stock Adjustment Approval
- Backup and Restoration Processes
- JasperReports for Enterprise Reporting (requires Tomcat)



Administration of Master Data Tables

The presence of 'Administration' indicates User has 'Sys_Admin' = 'T'

Audit

This Menu enables User to view, report and edit results of a Stocktake and provided they have STOCK_ADJUST = 'T' they can also process Stocktake Adjustments.

Import Data

This Menu enables User to use two methods for importing data into Minder tables using externally created data files or spreadsheets:

- Copy from Clipboard and
- Import from .CSV files.

Product Profiles

This Menu enables User to view, report and edit The Products Table (PROD_PROFILE) as well as KIT's and add EAN Barcodes to a separate look-up Table.

Employee Profiles

This Menu is related to TIME*MINDER System which has not yet been upgraded to v5.

System Transactions

This Menu should only be used for special Reporting needs. Please be warned that some Tables (SSN_HIST, TRANSACTIONS_ARCHIVE, TEST_RESULTS, USER_ENV) may have become large and cause the screen display to take a long time to present.



Master Data

These Tables are used to ensure standardisation of SSN Descriptions and Conditions plus other Data tables needed for handling Orders.

Orders

This Menu enables User to examine both Purchase and Sales Orders Header and Line details. Also allows access to the Despatch Table which holds Carrier Consignment Note details.

Person Profiles

The Minder System utilises a PERSON table to hold details all Corporations and Individuals which are involved with Orders.

This Menu also allows management of Users' access to view Inventory by Warehouse and by Owner.

The User Table enables control of User Editing rights, access to this Administration Menu.

System Tables

Majority of the Options in this Menu should not be modified unless advised by B&DCS as they relate to Global System setting. Includes Archiving Policies, SSN_DESCRIPTION composition.

The Warehouse and Location Tables may however, need to be used to add new storage locations and print ID labels.



Audit

A Stocktake or as sometimes called, an Audit, is defined as the process of recording the quantity and whereabouts of Assets/Inventory. This process on its own (performed with MINDER Hand Held Terminals) is of no use until we report any variances - this being the difference/s between what was actually recorded and what the MINDER Database has recorded.

The Audit Menu is designed to both publish the Stocktake's recorded counts - held in the STOCKTAKE Table - plus examining and reporting variances and then apply variances to each ISSN - use the

- **AUDIT PROCESSING** option.

SHORTCUTS	
Audit	⊕
AUDIT_CODE	
AUDIT PROCESSING	
LEGACY_ADJUSTMENT	
STOCKTAKE	

- **AUDIT_CODE**

This Table holds the colours to be used for on-screen display of the types of variances.

This was used on v3.9 screens but has not yet been applied to v5 screens due to some limitations of the JavaScript Library.

- **LEGACY_ADJUSTMENT**

This Table is only used where Minder operates with a Legacy System that requires any stock adjustments to be also sent to it.

- **STOCKTAKE**

This is the Table which all the Stocktake recording is stored.



AUDIT_CODE

The AUDIT_CODE Table is used to setup background colours for Stocktake results. These colours were used to highlight to Users those items that needed recounts etc.

This is currently not used by version 5 but will be in the future.

AUDIT_CODE

SEARCH :

CODE	DESCRIPTION
COLOUR	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	'CODE	DESCRIPTION	COLOUR
<input type="checkbox"/>	C	Correct Qty & Loc.	\$0080FF80
<input type="checkbox"/>	D	Correct Qty, New Loc.	\$00FFFF80
<input type="checkbox"/>	L	Variance, New Loc.	\$00004080
<input type="checkbox"/>	N	Not Counted	clRed
<input type="checkbox"/>	R	Recount Required	clYellow
<input type="checkbox"/>	S	Stock Adjusted	\$008000FF
<input type="checkbox"/>	V	Variance, Correct Loc.	\$000080FF

Total 7 records. Show from 1 to 7

REPORT: CSV



AUDIT PROCESSING

The Audit Processing screen is used to Report results of a Stocktake and enable the Updating or ignoring of Variances.
Note: User must have STOCK_ADJUST = 'T' to perform Variance updates, (see SYS_USER screen).

The screen results can be filtered to limit the display using following options:

- **Start Date and End Date.**
- **Company** - User's ACCESS_COMPANY Limits may apply.
- **Warehouse** - User's ACCESS_USER Limits may apply.
- **Location ID** - view one Location - uses User's Default Warehouse.
- **Status** - Uses the following Stocktake counting results:

Correct Count, Correct Location (CC)
Correct Count, New Location (CL)
Incorrect Count, Correct Location (IC)
Incorrect Count, New Location (IL)
Missing ISSN, Unknown Location (MI)

SSN List

Start Date:	Company:	Warehouse:	Location ID:	Status:	Product:	End Date:	User ID:	Device ID:	Action Applied By:	Pending Action:
-------------	----------	------------	--------------	---------	----------	-----------	----------	------------	--------------------	-----------------

SEARCH **CLEAR**

Selected: 0

Select All Rows on all pages View By : 10 Page :

<input checked="" type="checkbox"/> Product #	ISSN Description	SSN	Actual	Variance	WH ID
---	------------------	-----	--------	----------	-------

REPORT: CSV **REPORT STATISTICS: CSV** **LIST STOCKTAKE LOC's**

- **Product** - enter Product ID.
- **User ID** - Enter the Stocktake Operator's User ID.
- **Device ID** - Generally applies to the Hand Held Terminal ID and where Stocktake Operators do not use unique User ID's.
- **Action Applied By** - display all Audit Processing Updates performed by User ID.

• **Pending Action** - uses the following Audit Actions:

Apply Variance Pending (AV)
Ignore Result, No Pending Action (IG)
Ignore Result, Recounted, No Pending Action (IR)
Pending Archive (PA)
Recount Required (RC)

The **LIST STOCKTAKE LOC's** is used to report all the Locations reported by the SSN List Search Results.



AUDIT PROCESSING - Using Audit Processing Screen 1

Details on how to use this screen will be provided in a later release of this Manual.

See previous page for Details

See 'STOCKTAKE Buttons' notes on functions performed by these buttons

Display Stocktake List in Descending Record ID Order

ST_SSN_ID
ISSN.ORIGINAL_SSN -> SSN.SSN_DESCRIPTION
ST_SSN_ID -> ISSN.PROD_ID
See 'Enter ISSN Counts' for details.

MINDER Stocktake Administration Screen - ISSN Layout

Changed 8/6/08

SSN LIST

Select All Rows on all pages View By : 5 Page : 1

Actual Variance WH ID

	Actual	Variance	WH ID
1	0	FX	
100	0	FX	
150	0	FX	
550	450	FX	
102	2	FX	

Total Records: 22 Show from 1 to 5

REPORT:CSV REPORT:STATISTICS:CSV Go to Top

ISSN LIST

UPDATE PENDING ACTION Pending Action: ST_ACTION

Selected: 1

Rec.	ISSN	ISSN Description	Product	Actual	Var.	Status	Pending	Count Date	WH Loc.	User ID
236	85610101	Kiwifruit Green NZ 30 10kg	kiw029	500	450	IC	AV	2008-01-14 15:02:33	FX C1021202	glenn
232	85610103	Kiwifruit Green NZ 30 10kg	kiw029	50	0	CL	IG	2008-01-14 15:02:13	FX C1021202	glenn
221	85650101	Kiwifruit Green NZ 30 10kg	kiw029	45	-5	IC	AV	2008-01-14 14:56:30	FX C1020201	glenn
203	85050103	Kiwifruit Green NZ 30 10kg	kiw029	55	5	IL	AV	2008-01-14 11:23:40	FX WORKSHOP	glenn
201	85050102	Kiwifruit Green NZ 30 10kg	kiw029	50	0	CC	IR	2008-01-14 10:03:30	FX C1021201	glenn

Use OPTIONS WHERE GROUP_CODE = 'AUD_ACTION'

ST_ACTION
ST_AUDIT_BY
ST_STATUS
ST_AUDIT_DATE
ST_WH_ID
ST_LOCN_ID

Total Records: 5 Show from 1 to 5

REPORT:CSV ADD COUNT DELETE COUNT APPLY VARIANCE Go to Top

ST_COUNT ST_VARIANCE ST_AUDIT_DATE ST_WH_ID ST_LOCN_ID



AUDIT PROCESSING - Using Audit Screen 2

Details on how to use this screen will be provided in a later release of this Manual.

MINDER Stocktake Administration Screen - ADD COUNT Button

All Printer PA Select All Rows on all pages View By : 5 P

Added 8/6/08

ISSN LIST

UPDATE PENDING ACTION Pending Action: ST ACTION

Selected: 1

Rec.	ISSN	ISSN Description	Product	Actual	Var.	Status	Pending	Count Date	WH Loc.	User ID
226	85610101	Kiwifruit Green NZ 30 10kg	kiw029	500	450	IC	AV	2008-01-14 15:02:33 FX	C1021202	glenn
222	85610103	Kiwifruit Green NZ 30 10kg	kiw029	50	0	CL	IG	2008-01-14 15:02:13 FX	C1021202	glenn

Must send 'STLO' Transaction to freeze Location for Stocktaking only.
Do not display 'COUNT ISSN:' unless 'STLO' 'Processed successfully'

Total Records: 5 Show from 1 to 5

REPORT:CSV ADD COUNT DELETE COUNT APPLY VARIANCE Go to Top

COUNT LOCATION
Warehouse: ST_WH_ID Location ID: ST_LOCN_ID

FREEZE LOCATION RELEASE LOCATION

COUNT ISSN Total ISSN's = 10

ISSN: ST_ISSN_ID Count: ST_COUNT

Location Total ISSN's: 10. Counted: 0 ReCount: ST_COUNT

SAVE COUNT EXIT COUNT

Send 'STIS' with TRN_CODE = 'F' transaction after each 'SAVE COUNT'.
If 'RESPONSE_TEXT' = 'Processed successfully|999|RC|-999|IC' then display 'ReCount:' input then send 'STIS' with TRN_CODE = 'R'

'Total ISSN's = 10' - Count of all ISSN's inside the selected Location.

'ReCount:' not visible until Recount response is received

Before a User can enter Counts they must select the Location then call the 'STLO' transaction to freeze it. This ensures no Transfers and Picking occurs and the Variances are correct.
In practice the User should firstly freeze the Location then go out to the actual Location and record the count then return and enter count total.



LEGACY_ADJUSTMENT

LEGACY_ADJUSTMENT screen enables Minder Administrators to view actual contents of this table should the Audit Processing screen restrict viewing some Audit adjustments.

LEGACY_ADJUSTMENT

SEARCH :

RECORD_ID	LA_PROD_ID
LA_SSN_ID	LA_WH_ID
LA_LOCN_ID	LA_ADJUST_BY
LA_UOM	LA_UNIT_COST
LA_TOTAL_VALUE	LA_TOTAL_ESTIMATE
LA_DESCRIPTION	LA_HEADER_NOTES
LA_LINE_NOTES	LA_ACCOUNT_CODE
LA_ADJ_LOCATION	LA_ADJ_CLASS
LA_CUSTOMER	LA_DEPARTMENT

Selected: 0

View By : 5 Page : 1

	'RECORD_ID'	LA_PROD_ID	LA_SSN_ID	LA_WH_ID	LA_LOCN_ID
<input type="checkbox"/>	3	TES003	FI0000530101	FX	C1000000
<input type="checkbox"/>	19	app101	FI1005000101	FX	C1020101
<input type="checkbox"/>	22	app101	FI1005200101	FX	C1020102
<input type="checkbox"/>	28	app101	FI1005000101	FX	C1020101
<input type="checkbox"/>	29	app101	FI1005200101	FX	C1010103

Total 200 records. Show from 1 to 5

REPORT: CSV



LEGACY_ADJUSTMENT - Edit

RECORD_ID	INTEGER(4)	19
LA_PROD_ID	VARCHAR(30)	app101
LA_SSN_ID	VARCHAR(20)	F11005000101
LA_WH_ID	CHAR(2)	FX
LA_LOCN_ID	VARCHAR(10)	C1020101
LA_ADJUST_BY	DOUBLE PRECISION(8)	-1
LA_UOM	CHAR(2)	EA
LA_UNIT_COST	NUMERIC(9,3)(4)	
LA_TOTAL_VALUE	NUMERIC(9,2)(4)	
LA_TOTAL_ESTIMATE	NUMERIC(9,2)(4)	
LA_DESCRIPTION	VARCHAR(255)	Apple 9Kg Unit Airchief
LA_HEADER_NOTES	VARCHAR(1024)	
LA_LINE_NOTES	VARCHAR(1024)	
LA_ACCOUNT_CODE	VARCHAR(50)	
LA_ADJ_LOCATION	VARCHAR(50)	
LA_ADJ_CLASS	VARCHAR(50)	
LA_CUSTOMER	VARCHAR(50)	
LA_DEPARTMENT	VARCHAR(50)	
LA_EXTERNAL_ID	VARCHAR(50)	
LA_INTERNAL_ID	VARCHAR(50)	
LA_POSTING_PERIOD	VARCHAR(50)	
LA_INVENTORY_LIST	VARCHAR(50)	
LA_CREATE_DATE	TIMESTAMP(8)	2008-06-27 14:49:46
LA_COMPANY_ID	VARCHAR(20)	FPGIMPORTS
LA_STATUS	VARCHAR(50)	PA
LA_LEGACY_UPDATED	TIMESTAMP(8)	
LA_USER_ID	VARCHAR(10)	chrisk
LA_DEVICE_ID	CHAR(2)	DA
STOCKTAKE_RECORD_ID	INTEGER(4)	18

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



STOCKTAKE

STOCKTAKE screen enables Minder Administrators to view actual contents of this table should the Audit Processing screen restrict viewing some Audit adjustments.

STOCKTAKE

SEARCH :

RECORD_ID	ST_SSNI_ID
ST_WH_ID	ST_LOCN_ID
ST_COUNT	ST_VARIANCE
ST_AUDIT_DATE	ST_AUDIT_BY
ST_DEVICE_ID	ST_STATUS
ST_ACTION	ST_APPLIED_DATE
ST_APPLIED_BY	ST_APPLIED_DEVICE_ID
ST_COMPANY_ID	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	'RECORD_ID'	ST_SSNI_ID	ST_WH_ID	ST_LOCN_ID	ST_COUNT	ST_VARIANCE	ST_ACTION	ST_STATUS
<input type="checkbox"/>	2	FI0000530101	FX	C1000000	749	-1	IR	IC
<input type="checkbox"/>	9	FI1000030101	FX	C1010102	245	-5	IG	IC
<input type="checkbox"/>	10	FI0031110123	FX	GZ0000000	32	0	IG	CC
<input type="checkbox"/>	17	FI1005000101	FX	C1020101	5	-1	IR	IC
<input type="checkbox"/>	18	FI1005000101	FX	C1020101	5	-1	IR	IC

Total 8417 records. Show from 1 to 5

REPORT: CSV



STOCKTAKE - Edit

RECORD_ID	INTEGER(4)	2			
ST_SSN_ID	VARCHAR(20)	F10000530101			
ST_WH_ID	CHAR(2)	FX			
ST_LOCN_ID	VARCHAR(10)	C1000000			
ST_COUNT	DOUBLE PRECISION(8)	749			
ST_VARIANCE	DOUBLE PRECISION(8)	-1			
ST_AUDIT_DATE	TIMESTAMP(8)	2008-06-25 09:30:59			
ST_AUDIT_BY	VARCHAR(10)	nigeld			
ST_DEVICE_ID	CHAR(2)	ME			
ST_STATUS	CHAR(2)	IC			
ST_ACTION	CHAR(2)	IR			
ST_APPLIED_DATE	TIMESTAMP(8)	2008-07-16 14:02:55			
ST_APPLIED_BY	VARCHAR(10)	nigeld			
ST_APPLIED_DEVICE_ID	CHAR(2)	AK			
ST_COMPANY_ID	VARCHAR(20)	FPGIMPORTS			
SAVE	CANCEL	FIRST	PREV.	NEXT	LAST



Importing Data Menu

Before we start to describe how to add, modify to the many of Minder's Master Data Tables we may find it easier if we initially load these from other systems using one of two Minder importing Methods.

Method A. - Copy from Clipboard

Designed to allow Users to simply highlight and then copy (Edit -> or Cntrl+C) a group of Spreadsheet cells into the PC's Clipboard then paste into Minder's Copy from Clipboard option.

This method is not recommended for large amounts of data.

The amount varies according to total rows and columns involved.

Method B. - Import from .CSV

For large amounts then convert your Legacy Data into .CSV format files and use the **Import from .CSV** option.

The following screen describe these processes.

The screenshot shows the 'Import Data' screen. At the top left is a 'SHORTCUTS' menu with 'Audit' and 'Import Data' (which is highlighted). Below this is a main panel with the following sections:

- Select table to import:** ACCESS_COMPANY
- Unused fields:** 6 >> Used fields: 0 <<
- Fields:** *USER_ID, *COMPANY_ID, ACCESS_LEVEL, EDITABLE, CREATE_DATE, CREATED_BY
- Data to Import:** (Empty text area)
- CSV file to Import:** (File input field) Browse... Import



IMPORTING DATA

Step 1.

Select Table from drop down list into which you wish to import data.

Step 2.

Select the columns you have data to be imported.

Note: Columns with '*' (asterisk) are mandatory.

Note: It is important to ensure that the lengths and type of data (dates, character, numeric etc.) being imported are valid for the Master Data Table.

If unsure use your 'Reports' Menu to list all Tables and their Field details.

The screenshot shows the 'Import Data' interface. On the left, a yellow box highlights the top section where 'ACCESS_COMPANY' is selected from a dropdown menu. Below it, there are two columns of fields: 'USER_ID', 'COMPANY_ID', 'ACCESS_LEVEL', 'EDITABLE', 'CREATE_DATE', and 'CREATED_BY' in the first column; and 'CREATE_DATE', 'CREATED_BY', 'ACCESS_LEVEL', 'COMPANY_ID', 'USER_ID', and 'EDITABLE' in the second column. A red arrow points from the text 'Select the columns you have data to be imported.' to the 'USER_ID' field. A blue arrow points from the text 'Note: It is important to ensure that the lengths and type of data (dates, character, numeric etc.) being imported are valid for the Master Data Table.' to the 'Data to Import' section. On the right, a green box highlights the bottom section. It contains a 'Data to Import' section with a large empty text area, a 'CSV file to Import' input field with a 'Browse...' button, and an 'Import' button. Below this is another 'CSV file to Import' input field with a 'Browse...' button and an 'Import' button.



IMPORTING DATA - Copy Cells from Clipboard

There are 2 methods to import data:

- A. **Copy from Clipboard**, or
- B. Import from .CSV file.

Method A.

Step 3.

Select source of data - MS Excel Spreadsheet.
It must have columns that match the selected
Fields in the Minder Import screen...

Microsoft Excel - Brand.xls	
File Edit View Insert Format Tools Data Window Help	
A2 = ACER	
1	*CODE
2	ACER
3	DELL
4	IBM
5	

Select table to import BRAND

Unused fields 1 >> Used fields 2 <<

LEGACY_CODE	*CODE	DESCRIPTION

Step 4.

Now highlight the cells you wish to import but do not include Field Names - '*CODE + DESCRIPTION' - see right.

Use Edit - Copy or <Ctrl+C> to copy the highlighted cells into your Clipboard buffer.

Microsoft Excel - Brand.xls	
File Edit View Insert Format Tools Data Window Help	
A2 = ACER	
1	*CODE
2	ACER
3	DELL
4	IBM
5	



IMPORTING DATA - Method A.

Step 5.

Paste the copied data from the Spreadsheet using <Ctrl+V> inside the 'Data to Import' box.

The resulting data must match that from the Spreadsheet (but it's in reverse line order i.e. last row is listed first).

Select table to import BRAND

Unused fields 1 >> Used fields 2 <<

LEGACY_CODE	*CODE	DESCRIPTION
-------------	-------	-------------

Data to Import

ACER	Acer	Computers Ltd
DELL	Dell	Computers Ltd
IBM	IBM	Ltd

CSV file to Import Browse...

Import

Confirm 'OK' to 'Submit successful' pop-up.
Then go to Step 6 listed after Method B....

The page at <http://mus.barcoding.com.au s...> X

Submit successful

! OK



IMPORTING DATA - Method B.

Method B.

We recommend using Method B for importing large amounts of Master Data.

Method A. has memory limitations which do not occur with Method B.

Importing from .CSV (.CSV = Comma Separated Variable ASCII format) requires the Master Data source to be listed in the same column layout as that selected in the Minder Import screen.

The screenshot shows a Microsoft Excel spreadsheet titled "Brand.xls" and a "Save As" dialog box. The Excel spreadsheet contains a table with columns labeled "*CODE" and "DESCRIPTION". The data includes rows for ACER, DELL, and IBM. The "Save As" dialog box shows the file name "Brand.csv" and the save type set to "CSV (Comma delimited) (*.csv)".

Microsoft Excel - Brand.xls

	A	
1	*CODE	DESCRIPTION
2	ACER	Acer Computers Ltd
3	DELL	Dell Computers Ltd
4	IBM	IBM Ltd
5		

Save As

Save in: Import_Data

File name: Brand.csv

Save as type: CSV (Comma delimited) (*.csv)

Step 3.
Save the Spreadsheet as .CSV format file..



IMPORTING DATA - Method B - Create .CSV.

Step 4.

Save active sheet, click
'OK'.....



Click 'Yes' to keep this format and leave out any incompatible features...



File -> Close the the created .csv file.

Click 'No' to Do you want to save the changes you made...

**NOTE: Remove the Column Titles -
'*CODE DESCRIPTION' as they
will cause errors.**

	A	B
1	*CODE	DESCRIPTION
2	ACER	Acer Computers Ltd
3	DELL	Dell Computers Ltd
4	IBM	IBM Ltd

Microsoft Excel

Do you want to save the changes you made to 'Brand.csv'?

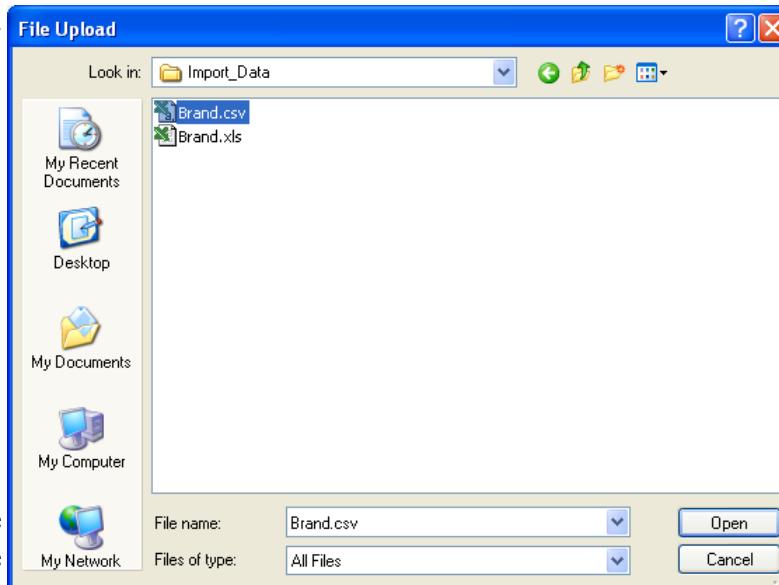
Yes No Cancel



IMPORTING DATA - Method B - Import .CSV.

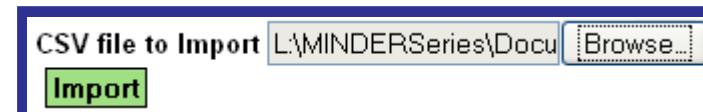
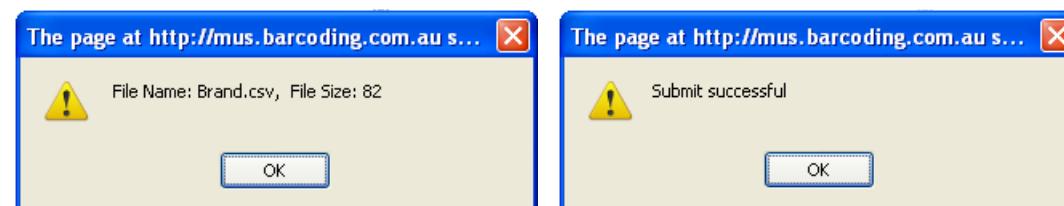
Step 5.

Import .CSV Master Data file.



Locate the required .CSV file
then use the 'Open' File
Upload button.

Confirm 'OK' to popups...



Select the 'Import' button to Import the .CSV file...
Then go to Step 6 next page...



IMPORTING DATA - Methods A & B - Confirm Import.

Method A - Confirm Import.

Method B - Confirm Import.

The following screen is displayed after completing the 'Import' option for both Method A & Method B....

Import	
CODE	DESCRIPTION
IBM	IBM Ltd
DELL	Dell Computers Ltd
ACER	Acer Computers Ltd

Step 6.
This Step applies to both Method A and Method B.

Select the 'Confirm Import' button to process.
But if data is incorrect, use the 'Clear Data' button to remove the imported data.

Note: the 'Clear All' button will clear the imported data as well as the selected Table Columns.



Step 7.
Select 'OK' if you are sure you want to import the listed data...



Step 8.
Select 'OK' to the 'Successfully imported x row(s)' pop-up...



Master Data Description Screens.

Master Data
BRAND
CARRIER
CARRIER_SERVICE
COST_CENTRE
COMPANY
DEPARTMENT
DIVISION
GROUP_COPY
LABEL_LOCATION
LOAN_RATE
MODEL
PRODUCT_CONDITION
PRODUCT_DESCRIPTION
PROJECT
RETICULATION
STATUS_DEFS
TEST_QUESTIONS
TURNOVER (TOG)
TYPE I (SSN_TYPE)
TYPE II (GENERIC)
TYPE III (SSN_SUB_TYPE)
UNIT OF MEASURE (UOM)
UOM_TYPE
WARRANTY
ZONE
REPLACE MASTER DATA



Master Data - Search Filter Options.

Screen Search Buttons The following applies to all Master Data Screens:

SEARCH Search and display the current Code/s or Description/s.
Effective from V 5.0.1 Release 2078 Boolean Expressions are supported for Searches, these include:
IS NULL,
IS NOT NULL,
= ‘’, >=”, <=”,
NOT LIKE ‘%xxx%’ (see example right) and
LIKE ‘%xxx%’.

CLEAR Clear all Search Filter Expressions.

ADD Add a new Master Data Record.

DELETE Delete Records that have been selected as shown below...

	*CODE	DESCRIPTION
<input checked="" type="checkbox"/>	CC	Consumable-Cleaning Materials

SSN_SUB_TYPE
SEARCH :

SSN_TYPE	ELECTRICAL	GENERIC	
CODE		DESCRIPTION	NOT LIKE '%240V%'

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	*SSN_TYPE	GENERIC	*CODE
<input type="checkbox"/>	ELECTRICAL	DRILL	CORDLESS
<input type="checkbox"/>	ELECTRICAL	GRINDER	4 INCH
<input type="checkbox"/>	ELECTRICAL	SABRE SAW	CORDLESS
<input type="checkbox"/>	ELECTRICAL	TESTER	10 AMP

Total 4 records. Show from 1 to 4

REPORT: CSV

The **REPORT: CSV** is used to export as an ASCII Comma Separated Values (.CSV) format file which can be saved onto your Desktop and opened either with Text Editor (e.g. Notepad or Wordpad) or Excel Spreadsheet.
Note - only those Records that are selected for export.
(i.e. has the ‘tick’ alongside).

The Search Results List are shown as above. Use the ‘View By’ dropdown to change how many results rows are displayed per screen:

View By : 15

If there are > 1 Pages then use ‘Page’ dropdown to select each Page:

Page : 1



Master Data - BRAND

The Master Data - **BRAND** screen is used to add, modify or delete the **BRAND** Descriptions and Codes.

SAVE to add or update the GENERIC.

DELETE use to delete Records that have been selected as shown right...

Select a Record to edit current details or

ADD to add a new **BRAND** Record (please read ADD SSN_TYPE for instructions on how to add a new Record).

- Enter **CODE**.
- Enter **DESCRIPTION**.
- Optional **LEGACY_CODE** (max. 4 chars.). B&DCS must configure first.

BRAND SEARCH :			
CODE	DESCRIPTION		
LEGACY_CODE			
SEARCH	CLEAR	ADD	DELETE
Selected: 0			
View By : 5		Page : 1	
<input type="checkbox"/> * CODE	DESCRIPTION	LEGACY_CODE	
<input type="checkbox"/> AAUNKNOWNBRAND	Unknown Brand		
<input type="checkbox"/> ABBOTT & ASHBY	ABBOTT & ASHBY		
<input type="checkbox"/> AIGO	AIGO		
<input type="checkbox"/> AMERIC	AMERIC		
<input type="checkbox"/> ARMSTRONG-ARMALOY	ARMSTRONG-ARMALOY		
Total 98 records. Show from 1 to 5			
REPORT: CSV			

CODE	VARCHAR(40)
DESCRIPTION	VARCHAR(50)
LEGACY_CODE	CHAR(4)
SAVE	CANCEL
FIRST	PREV.
NEXT	LAST



Master Data - CARRIER

The ‘CARRIER’ Administration screen requires that all Carriers to be supported by the MINDER system must firstly be registered in the PERSON Profile where the PERSON_TYPE = ‘CA’.

MINDER currently is designed to work with pre-printed or stand alone systems supplied by the Carrier to generate Barcoded Consignment Note Numbers and Address Labels.

The following fields are not required (yet) as they are designed for future facility to create a Carrier’s Approved Consignment Note Number and Address Labels using the MINDER system.

‘PREFIX’ - Used in Connote Barcode and issued by Carrier.

‘ACCOUNT’ - Carrier’s issued Account No used for reporting Connote details,

‘FILE_EXT’ ‘FTP_DIRECTORY’ are related to individual Carrier details.

B&DCS must provide custom applications to create and use these values.

‘START_NO’ and ‘END_NO’ is the Carrier issued starting and ending Connote Number series.

CARRIER SEARCH :

CARRIER_ID	PREFIX
ACCOUNT	FILE_EXT
FTP_IP_ADDRESS	FTP_USER
FTP_DIRECTORY	START_NO
END_NO	PALLET_LABEL_QTY
CARTON_LABEL_QTY	SATCHEL_LABEL_QTY
FTP_PASSWORD	TRN_TYPE
DISPLAY_BUTTON	CARRIER_LOGO
DEFAULT_CONNNOTE_ISSO	LABEL_NUMBER_BASE

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	*CARRIER_ID	PREFIX	ACCOUNT	FILE_EXT	FTP_IP_ADDRESS
<input type="checkbox"/>	ABLEFRGHT				
<input type="checkbox"/>	ACFS	ACF			
<input type="checkbox"/>	BRICHARDS				
<input type="checkbox"/>	COLLINS	COL			
<input type="checkbox"/>	CTFREIGHT				

Total 28 records. Show from 1 to 5

REPORT: CSV



CARRIER Types

The Carrier **Address Label Printing Totals** are used to set how many of each Package Label is required by the Carrier:

- **PALLET_LABEL_QTY**,
- **CARTON_LABEL_QTY**, &
- **SATCHEL_LABEL_QTY**.

The 'TRN_TYPE' - Mandatory and must be either

- 'DSST' = Despatch via Star Track method, or
- 'DSOT' = Despatch via Other Method.

Currently the Minder System is only configured for TRN_TYPE = 'DSOT'.

The 'DSST' type will be added once full STAR TRACK Consignment Note generation is added. This requires regular updates from Star Track as to which Depot numbers deliver to Australian Post Codes.

DISPLAY_BUTTON & CARRIER_LOGO - Now not used in Minder Systems starting from V5.0.0.0

'DEFAULT_CONNTE_ISSO' - Default = 'T' which means the Connote (PICK_DESPATCH.AWB_CONSIGNMENT_NO) = PICK_ORDER.PICK_ORDER number.

LABEL_NUMBER_BASE - used for serial numbering of Connnotes. Default = 10 which means uses '0123456789', if = 36 means uses '0123456789ABCDEFGHIJKLMNPQRSTUVWXYZ'

Mandatory field

CARRIER_ID	VARCHAR(10)	TNT			
PREFIX	VARCHAR(5)				
ACCOUNT	VARCHAR(10)				
FILE_EXT	VARCHAR(4)				
FTP_IP_ADDRESS	VARCHAR(20)				
FTP_USER	VARCHAR(40)				
FTP_DIRECTORY	VARCHAR(75)				
START_NO	INTEGER(4)	1			
END_NO	INTEGER(4)	999999			
PALLET_LABEL_QTY	INTEGER(4)	1			
CARTON_LABEL_QTY	INTEGER(4)	1			
SATCHEL_LABEL_QTY	INTEGER(4)	1			
FTP_PASSWORD	VARCHAR(40)	pass			
TRN_TYPE	VARCHAR(4)	DSOT			
DISPLAY_BUTTON	CHAR(1)	F			
CARRIER_LOGO	BLOB(8)	<input type="button" value="Browse..."/>			
DEFAULT_CONNTE_ISSO	CHAR(1)	T			
LABEL_NUMBER_BASE	INTEGER(4)	10			
SAVE	CANCEL	FIRST	PREV.	NEXT	LAST



Master Data - CARRIER_SERVICE

The ‘CARRIER_SERVICE’ is used to define levels of Service offered by each Carrier for Consignments.

Requires the Carriers firstly be registered in the Carrier Profile before they can be entered in the Carrier Service Profile.

‘SERVICE_TYPE’ = Max 4 character Code indicating type of Service offered but recommend using 3 characters. e.g.
‘GEN’ = General Service and
‘EXP’ = Express Service.

‘DESCRIPTION’ = Max. 50 characters, enter brief description of Service level which maybe displayed by dropdown lists.

This facility is designed for use where MINDER creates and print Consignment Notes and Address Labels as well as sends electronic files of each day’s Connote to their Carrier for their Sorting Lines.

CARRIER_SERVICE

SEARCH :

CARRIER_ID SERVICE_TYPE
DESCRIPTION

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	*CARRIER_ID	*SERVICE_TYPE	DESCRIPTION
<input type="checkbox"/>	ABLEFRGHT	EXP	Express Service
<input type="checkbox"/>	ABLEFRGHT	GEN	General Service
<input type="checkbox"/>	BRICHARDS	EXP	Express Service
<input type="checkbox"/>	BRICHARDS	GEN	General Service
<input type="checkbox"/>	CTFREIGHT	EXP	Express Service

Total 47 records. Show from 1 to 5

REPORT: CSV



Master Data - COST CENTRE

The Master Data - **COST CENTRE** screen is used to add, modify or delete the SSN **COST_CENTRE** Descriptions and Codes.

The SSN **COST_CENTRE** is used to describe collections or groupings of SSN's by Department as against a DEPARTMENT or WH_ID/REPOSITORY.

In general, Cost Centres are used for Asset Management installations of the MINDER System.

ADD to add a new **COST CENTRE** Details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 40 Characters but recommend keeping to a minimum (as it helps with Barcode printing and scanning).

- Enter **Description** (max. 50 characters)

SAVE to add or update the **COST_CENTRE** record.

DELETE use to delete Records that have been selecte.

COST CENTRE
SEARCH :

CODE	DESCRIPTION
------	-------------

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	*CODE	DESCRIPTION
<input type="checkbox"/>	CC0001	Cost Centre 0001

Total 1 records. Show from 1 to 1

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

CODE	VARCHAR(40)
DESCRIPTION	VARCHAR(50)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Master Data - COMPANY

The **Company** Table is primarily used for maintaining Inventory Owner details.

(Note: the PERSON_ADDRESS Table is used to hold Company Label Addressing details).

The following fields are required:

COMPANY_ID - The same ID must also be listed in the PERSON Table where PERSON_TYPE = 'CO'.

'NAME', 'ADDRESS1...' - Was required for use on Invoices with pre v5 Minder.

If your Minder System issues Tax Invoices then following is required for adding to Tax Invoices: 'ACN', 'ABN'.

Optional:

'BPAY_BILLER_CODE',

'BPAY_INSTRUCTIONS' - Enter if your Company issues Tax Invoices and has BPay payment facilities.

The 'BPAY_LOGO' is used to import the BPay Logo for use on Tax Invoices.

COMPANY SEARCH :

COMPANY_ID	ADDRESS1	ADDRESS3
ADDRESS2	ABN	
ACN	EMAIL	
URL	PHONE_NO	
FAX_NO	INV_TEXT1	
NAME	BANK_ID_N01	
INV_TEXT2	BANK_BSB_TITLE1	
BANK_ID_N02	RANK_AC_TITI_F1	
RANK_RSR_N01		

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	*COMPANY_ID	ADDRESS1	ADDRESS2	ADDRESS3 ACN
<input type="checkbox"/>	1400	1 BLIGH STREET, ROSNY, TASMANIA, 7018	1 BLIGH STREET, ROSNY, TASMANIA, 7018	Australia
<input type="checkbox"/>	1991WW	1 Bligh Street, Rosny	Hobart, TAS 7018	Tas 7018
<input type="checkbox"/>	FPGBSHED	BUILDING B, SYDNEY MARKETS, FLEMINGTON NSW, 2129		Australia
<input type="checkbox"/>	FPGEXPORTS	BUILDING X, SYDNEY MARKETS, FLEMINGTON NSW, 2129	P O BOX 23, SYDNEY MARKETS, FLEMINGTON NSW, 2129	Australia
<input type="checkbox"/>	FPGIMPORTS	BUILDING X, SYDNEY MARKETS, FLEMINGTON NSW, 2129		Australia

Total 18 records. Show from 1 to 5

REPORT: CSV



Edit - COMPANY Fields

		SAVE	CANCEL	FIRST	PREV.	NEXT	LAST
COMPANY_ID	VARCHAR(20)	FPGIMPORTS					
ADDRESS1	VARCHAR(50)	BUILDING X, SYDNEY MARKETS					
ADDRESS2	VARCHAR(50)						
ADDRESS3	VARCHAR(50)	Australia					
ACN	VARCHAR(30)						
ABN	VARCHAR(30)						
URL	VARCHAR(50)						
EMAIL	VARCHAR(50)	sales@freshproduce.com.au					
FAX_NO	VARCHAR(30)	02 9746 3762					
PHONE_NO	VARCHAR(30)	02 9704 8300					
NAME	VARCHAR(50)	FPG - Imports					
INV_TEXT1	VARCHAR(255)						
INV_TEXT2	VARCHAR(255)						
BANK_ID_NO1	VARCHAR(10)						
BANK_ID_NO2	VARCHAR(10)						
BANK_BSB_TITLE1	VARCHAR(20)						
BANK_BSB_NO1	VARCHAR(30)						
BANK_AC_TITLE1	VARCHAR(20)						
BANK_ACCOUNT_1	VARCHAR(50)						
BANK_BSB_TITLE2	VARCHAR(20)						
BANK_BSB_NO2	VARCHAR(30)						

The EMAIL, FAX_NO, PHONE_NO fields are optional as V5 Minder uses the PERSON table for these details.

An example of a Message that one Minder Client requires to be printed on all their Tax Invoices created and printed by Minder System:

*"All Warranties are 30 days 'Return to Base' unless otherwise specified.
Any claims arising from shipment must be made within 7 days of Receipt.
Title to ownership of the shipped goods does not pass to the Purchaser
until full payment is received and cleared."*

MINDER provides two Bank Details per Company if your Company issues Tax Invoices.

Fields continued next page...



Edit - First & Second Bank Account Details

Complete this screen (or two) if your Company issues Tax Invoices and has Direct Bank Deposit as a Payment Term option.

‘BANK_AC_TITLE1/2’ - Used to add say ‘Account No.’ onto the Tax Invoice as a prefix the the following field.

‘BANK_ACCOUNT_1/2’ - Enter Bank Account No’s

‘BANK_BSB_TITLE1/2’ - Used to add say ‘BSB Branch No.’ onto the Tax Invoice as a prefix the the following field.

‘BANK_BSB_NO1/2’ - Enter your BSB Numbers.

‘CREDIT_TO_TITLE1/2’ - Used to add say ‘Credit To.’ onto the Tax Invoice as a prefix the the following field.

‘CREDIT_TO_NAME1/2’ - Enter your Company’s Name that you require the Tax Invoice to be paid to.

‘BANK_ID_NO1/2’ - Use PERSON_ID from PERSON where PERSON_TYPE = ‘CO’.

‘INV_TEXT1’ - Enter a statement which is to be printed with each Tax Invoice. See previous page for example.

‘INV_TEXT2’ - Enter a statement which is to be printed with each Tax Invoice.

‘COMPANY_UDF11’ and ‘COMPANY_UDF12’are User defined Statements that maybe required on Tax Invoices.

Repeat for second Bank Details if required.

‘COMPANY_ID_PREFIX’ - Used as prefix to Lot No’s and reporting to Legacy ERP/Accounting Systems e.g. Netsuite.

‘LEGACY_SYS_ADMIN_EMAIL’ - used by Minder System for reporting Legacy Interface Errors. Requires B&DCS to set up.

‘GS1_COMPANY_ID’ - Used for printing GS1 SSCC Barcode Labels. This number must be subscribed to from GS1.

BANK_AC_TITLE2	VARCHAR(20)	<input type="text"/>			
BANK_ACCOUNT_2	VARCHAR(50)	<input type="text"/>			
CREDIT_TO_TITLE1	VARCHAR(20)	<input type="text"/>			
CREDIT_TO_NAME1	VARCHAR(50)	<input type="text"/>			
CREDIT_TO_TITLE2	VARCHAR(20)	<input type="text"/>			
CREDIT_TO_NAME2	VARCHAR(50)	<input type="text"/>			
COMPANY_UDF11	VARCHAR(50)	<input type="text"/>			
COMPANY_UDF12	VARCHAR(50)	<input type="text"/>			
COMPANY_UDF21	VARCHAR(50)	<input type="text"/>			
COMPANY_UDF22	VARCHAR(50)	<input type="text"/>			
BPAY_LOGO		BLOB(8)			
<input type="file"/>		<input type="button" value="Browse..."/>			
BPAY_BILLER_CODE	VARCHAR(50)	<input type="text"/>			
BPAY_INSTRUCTIONS	VARCHAR(100)	<input type="text"/>			
COMPANY_ID_PREFIX	VARCHAR(2)	<input type="text"/> FI			
SEND_STAV	CHAR(1)	<input type="text"/> T			
LEGACY_SYS_ADMIN_EMAIL	VARCHAR(75)	<input type="text"/>			
GS1_COMPANY_ID	VARCHAR(10)	<input type="text"/> 3531000			
<input type="button" value="SAVE"/>	<input type="button" value="CANCEL"/>	<input type="button" value="FIRST"/>	<input type="button" value="PREV."/>	<input type="button" value="NEXT"/>	<input type="button" value="LAST"/>



Master Data - DEPARTMENT

The Master Data - **DEPARTMENT** screen is used to add, modify or delete the SSN **DEPARTMENT** Descriptions and Codes.

The SSN **DEPARTMENT** is used to describe collections or groupings of SSN's by Department as against a **COST CENTRE** or **WAREHOUSE**.

In general, Department are used for Asset Management installations of the MINDER System.

Select the **ADD** to add a new

DEPARTMENT details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 40 Characters but recommend keeping to a minimum (as it helps with Barcode printing and scanning).

- Enter **Description** (max. 50 characters)

SAVE to add or update the **DEPARTMENT** record.

DELETE use to delete Records that have been selecte.

DEPARTMENT
SEARCH :

CODE	DESCRIPTION
------	-------------

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	*CODE	DESCRIPTION
<input type="checkbox"/>	DP0001	Department 01

Total 1 records. Show from 1 to 1

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

CODE	VARCHAR(40)
DESCRIPTION	VARCHAR(50)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Master Data - DIVISION

The Master Data - **DIVISION** screen is used to add, modify or delete the SSN **DIVISION** Descriptions and Codes.

The SSN **DIVISION** is used to describe collections or groupings of SSN's by Division as against a **COST CENTRE** or **WAREHOUSE**.

In general, Division are used for Asset Management installations of the MINDER System.

Select the **ADD** to add a new **DIVISION** details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 40 Characters but recommend keeping to a minimum (as it helps with Barcode printing and scanning).
- Enter **Description** (max. 50 characters)

DIVISION SEARCH :

CODE DESCRIPTION

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

<input type="checkbox"/>	'CODE	DESCRIPTION
<input type="checkbox"/>	DV0001	Division 0001

Total 1 records. Show from 1 to 1

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

CODE	VARCHAR(40)	DV0001
DESCRIPTION	VARCHAR(50)	Division 0001

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Master Data - GROUP_COPY

The ‘GROUP_COPY’ screen is used to facilitate fast Description updating for a group of identical SSN’s where they each have the same Descriptions for the following Master Data Fields:

- SSN Type (Type I)
- Generic (Type II)
- Brand **Note: TYPE III not yet supported**
- Model
- Supplier
- Other6
- Other7
- Other8
- Other9
- Other10

Select **ADD** to add new Group Code.

Enter a unique **Group Code** eg ‘GC0002’

Enter **Description**, then

Enter the required Master Data Descriptions.

Use the **‘Report’** option to print hard copy Barcoded Menu Sheet with Group Codes for use with Hand Held Terminals that support Barcode Menu Data Capture.

GROUP_CODE Barcode Menu Sheet Printing is not yet available with V5

GROUP_COPY

SEARCH :

CODE	SSN_TYPE
GENERIC	BRAND
MODEL	PROD_ID
SUPPLIER_ID	OTHER6
OTHER7	OTHER8
OTHER9	OTHER10
DESCRIPTION	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page :

<input type="checkbox"/>	'CODE'	SSN_TYPE	GENERIC	BRAND	MODEL
--------------------------	--------	----------	---------	-------	-------

Total 0 records. Show from 1 to 0

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

CODE	VARCHAR(40)
SSN_TYPE	VARCHAR(40)
GENERIC	VARCHAR(40)
BRAND	VARCHAR(40)
MODEL	VARCHAR(40)
PROD_ID	VARCHAR(30)
SUPPLIER_ID	VARCHAR(10)
OTHER6	VARCHAR(50)
OTHER7	VARCHAR(50)
OTHER8	VARCHAR(50)
OTHER9	VARCHAR(50)
OTHER10	VARCHAR(50)
DESCRIPTION	VARCHAR(50)



Master Data - LABEL_LOCATION

The Master Data - **LABEL_LOCATION** screen is used to add, modify or delete the SSN **LABEL_LOCATION** Descriptions and Codes.

The SSN **LABEL_LOCATION** is used for User defined descriptions as to the placement of an SSN's Barcoded ISSN Label.
For example, if an Object is a valuable Work of Art which cannot be labelled then the ISSN Barcode maybe be kept in a book alongside a photograph of the Object and used to verify its existance during a Stocktake.

In general, Label_Location Codes are used for Asset Management installations of the MINDER System.

Select the **ADD** to add a new LABEL LOCATION Details:

- Enter a **CODE** value which must be unique and use only ONE UPPERCASE character.
- Enter **Description** (max. 50 characters)

LABEL_LOCATION
SEARCH :

CODE	DESCRIPTION
------	-------------

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	*CODE	DESCRIPTION
<input type="checkbox"/>	A	Attached to Object
<input type="checkbox"/>	B	Label kept in Book
<input type="checkbox"/>	M	Multiple ISSN's (_ Underscore Prefix)
<input type="checkbox"/>	P	Product is Labelled

Total 4 records. Show from 1 to 4

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

CODE	CHAR(1)
DESCRIPTION	VARCHAR(50)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

SAVE to add or update the **STATUS_DEFS** record.

DELETE use to delete Records that have been selecte.



Master Data - LOAN_RATE

The **LOAN_RATE** is used to setup the Tool Loan Hire charges and if Tool not returned then the **LR_REPLACEMENT** Cost will be invoiced.

RECORD_ID - automatically created.

LR_COMPANY_ID - These Rates apply to all Tools (ISSN's) owned by COMPANY_ID.

LR_SSN_TYPE - 'DEFAULT' applies to all Tools without any LOAN_RATE records for the Loaned Tool's SSN_TYPE.

LR_APPLIED_TO - Indicates which SSN Cost field is used for Rate calculations.

LR_DAY - This %age rate x LR_APPLIED_TO to determine the Daily Loan Hire Rate.

LR_WEEK - This %age rate x LR_APPLIED_TO to determine the Weekly Loan Hire Rate.

LR_MONTH - This %age rate is multiplied by **LR_APPLIED_TO** to determine the monthly Loan Hire Rate.

LR_QUARTER - This %age rate is multiplied by **LR_APPLIED_TO** to determine the quarterly Loan Hire Rate.

LR_ANNUAL - This %age rate is multiplied by **LR_APPLIED_TO** to determine the Annual Loan Hire Rate.

LR REPLACEMENT - This is the Cost for non-returned Tool = **LR_APPLIED_TO** x %age value.

LOAN_RATE
SEARCH :

RECORD_ID	LR_COMPANY_ID
LR_SSN_TYPE	LR_APPLIED_TO
LR_DAY	LR_WEEK
LR_MONTH	LR_QUARTER
LR_ANNUAL	LR_REPLACEMENT

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	'RECORD_ID'	LR_COMPANY_ID	LR_SSN_TYPE	LR_APPLIED_TO	LR_DAY
<input type="checkbox"/>	1	ALSTOMPOWR	DEFAULT	SSN.PURCHASE_PRICE	1.200

Total 1 records. Show from 1 to 1

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

RECORD_ID	INTEGER(4)	1
LR_COMPANY_ID	VARCHAR(20)	ALSTOMPOWR
LR_SSN_TYPE	VARCHAR(40)	DEFAULT
LR_APPLIED_TO	VARCHAR(40)	SSN.PURCHASE_PRICE
LR_DAY	NUMERIC(9,3)(4)	1.200
LR_WEEK	NUMERIC(9,3)(4)	1.150
LR_MONTH	NUMERIC(9,3)(4)	1.100
LR_QUARTER	NUMERIC(9,3)(4)	1.050
LR_ANNUAL	NUMERIC(9,3)(4)	1.000
LR_REPLACEMENT	NUMERIC(9,3)(4)	100.000

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Master Data - MODEL

RECOMMEND - DO NOT USE MODEL TABLE

The Master Data - **MODEL** screen can be used to add, modify or delete the SSN MODEL Descriptions and Codes.

However, the decision to use Models as Master Data needs to be carefully considered.

It is only recommended where the installation does not expect to have a large number i.e. greater than a few hundred and these numbers will remain static.

Using the Model Table limits the freedom to add new Models during normal day to day data capture.

The SSN MODEL maybe used for Assets, Inventory and Objects stored in the MINDER database.

MODEL SEARCH :

CODE	DESCRIPTION
LEGACY_CODE	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	*CODE	DESCRIPTION	LEGACY_CODE
<input type="checkbox"/>	NO VALUES	NO Model	

Total 1 records. Show from 1 to 1

REPORT: CSV



Master Data - PRODUCT_CONDITION

Appearance, Operability, Completeness, Services

PRODUCT_CONDITION's apply to any type of Inventory Object - SSN's such as Asset's, Tools, Fresh Produce, Furniture..... It is a Global Description/Condition about an SSN therefore it applies to equally to all of its ISSN's.

An SSN may have more than one concurrent **PRODUCT_CONDITION** e.g (using examples from screen shown right) it could be - '*Hail damaged*', '*Mouldy*', '*Squashed, packed too tight*' and be packed inside '*Collapsed Cartons*'.

Hence these must be stored in a separate Table (see System Transactions - '**PRODUCT_COND_STATUS**').

If any one of these **PRODUCT_CONDITION** is inserted into the '**PRODUCT_COND_STATUS**' Table for an SSN then a database trigger automatically updates the SSN's OTHER1 to OTHER4 to the 'Fail' Condition Description as listed in the **GLOBAL_CONDITIONS** table.

Note 1: The CODE uses either 'A', 'B', 'C' or 'D' to correspond with each each of the SSN.OTHER Fields 1 to 4. (OTHER1, OTHER2, OTHER3 & OTHER4)

PRODUCT_CONDITION
SEARCH :

CODE	DESCRIPTION
LAST_UPDATE_DATE	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	'CODE'	'DESCRIPTION'	LAST_UPDATE_DATE
	A	Hail damaged	2009-04-08 16:35:52
	A	Mouldy	2009-04-08 16:36:31
	A	Squashed, packed too tight	2009-04-08 16:36:11
	B	Bruised	2009-04-08 16:38:04
	C	Collapsed Cartons	2009-04-08 16:38:35

Total 5 records. Show from 1 to 5

REPORT: CSV

SAVE	CANCEL	FIRST	PREV.	NEXT	LAST
CODE	CHAR(1)	C			
DESCRIPTION	VARCHAR(50)	Collapsed Cartons			
LAST_UPDATE_DATE	TIMESTAMP(8)	2009-04-08 16:38:35			

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

Note 2: Once the last **PRODUCT_COND_STATUS** is removed for an SSN then its '**GLOBAL_CONDITION**' is reversed back to a Pass state.



Master Data - PRODUCT DESCRIPTIONS

V4 screens shown. Not yet updated to V5.

The ‘Product Description’ Administration screen is used to add the Dropdown entries needed for display on Hand Held Terminals.

Current access to this Administration screen is via **MINDER Menu -> Admin -> Product Description**.

1. Select SSN Type Code from dropdown e.g. ‘LT’ = ‘Product-Literature’
2. Select SSN OTHER Field 1 to 5 but screen uses the ‘Global User Defined Field’ Title e.g. ‘Hard Cover Y/N?’
(see Master Data - TYPE).
3. Select ‘+’ to add new record or use Table navigation buttons to locate required entry.
4. Enter or edit ‘Description’ field and save.

Alternately, prepare these for importing via Tab Delimited ASCII File. See layout below.

Use the ‘Report’ Menu to print Barcoded Menu Sheet for use during Data entry with Hand Held Terminals (if using suitable Terminals).

Note with the example shown right the ‘/G’ prefix shown beneath each Barcode Menu is the MINDER System’s Data Identifier for the SSN Product Description Other 7 field.

Product Description

Description	Legacy Code
NO	
YES	

LT / Hard Cover Y/N?

Minder®Series		LT / Hard Cover Y/N?	9/12/2005 4:03:59 PM
NO		/GNO	
YES		/GYES	

Import template (Tab Delimited):
*TYPE_CODE *FIELD_CODE *DESCRIPTION LEGACY_CODE



Master Data - PROJECT

The Project Table is mostly used with TIME*MINDER and Employee Details.

PROJECT

SEARCH :

PROJECT_ID	DESCRIPTION
------------	-------------

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page :

<input type="checkbox"/>	'PROJECT_ID	DESCRIPTION

Total 0 records. Show from 1 to 0

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

PROJECT_ID	VARCHAR(10)
DESCRIPTION	VARCHAR(50)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Master Data - RETICULATION

The Master Data - **RETICULATION** screen is used to add, modify or delete the SSN RETICULATION Descriptions and Codes.

The SSN RETICULATION is used to describe the linking of any number of SSN's that are connected by a common infrastructure process or construction.

Typically applies to Pipe networks, Conveyor systems, Local Area Networks used by Computer systems.

In general, Reticulation Codes are used for Asset Management installations of the MINDER System.

Select the **ADD** to add a new RETICULATION Details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 40 Characters but recommend keeping to a minimum (as it helps with Barcode printing and scanning).

- Enter **Description** (max. 50 characters)

RETICULATION
SEARCH :

CODE DESCRIPTION

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

<input type="checkbox"/>	*CODE	DESCRIPTION
<input type="checkbox"/>	R0001	Compressed Air Pipework - Factory

Total 1 records. Show from 1 to 1

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

CODE	VARCHAR(40)	<input type="text"/>
DESCRIPTION	VARCHAR(50)	<input type="text"/>

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

SAVE to add or update the RETICULATION record.

DELETE use to delete Records that have been selected.



Master Data - STATUS DEFS

The Master Data - STATUS_DEFS (also called Status Codes) screen is used to add, modify or delete the SSN STATUS_DEFS Descriptions and Codes.

The SSN STATUS_DEFS is used for User defined Status values. These are not the same as ISSN STATUS Codes which applied by the system automatically as result of an Inventory process.

Select the **ADD** to add a new

STATUS_DEFS details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 40 Characters but recommend keeping to a minimum (as it helps with Barcode printing and scanning).
- Enter **Description** (max. 50 characters)

SAVE to add or update the STATUS_DEFS record.

DELETE use to delete Records that have been selecte.

	*CODE	DESCRIPTION
<input type="checkbox"/>	ACTIVE	Active Item
<input checked="" type="checkbox"/>	INACTIVE	An In Active Item



Master Data - TURNOVER (TOG)

The Master Data - **TURNOVER** screen is used to add, modify or delete the SSN TOG_C Descriptions and Codes.

This Code is used to classify Products by their Sales Volume/Revenue.

This then enables the Warehouse to store these Products into storage areas with matching Location Turnover classification. i.e Fast, Medium or Slow.

Select the **ADD** to add a new

TOG Details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 2 Characters but recommend keeping to a minimum (as it helps with Barcode printing and scanning).
- Enter **DESCRIPTION** (max. 50 characters)

TOG
SEARCH :

CODE DESCRIPTION

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	CODE	DESCRIPTION
<input type="checkbox"/>	A	Fast
<input type="checkbox"/>	B	Medium
<input type="checkbox"/>	C	Low

Total 3 records. Show from 1 to 3

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

CODE	CHAR(2)	A
DESCRIPTION	VARCHAR(50)	Fast

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Master Data - Type Descriptions - SSN_TYPE > GENERIC > SSN_SUB_TYPE

Many Minder Series sites require different description methods for Objects they wish to track.

The 3 major Description Tables are linked to enable Sites and Users to drill-down Object Descriptions - these tables are:

- SSN_TYPE,
- GENERIC, and
- SSN_SUB_TYPE.

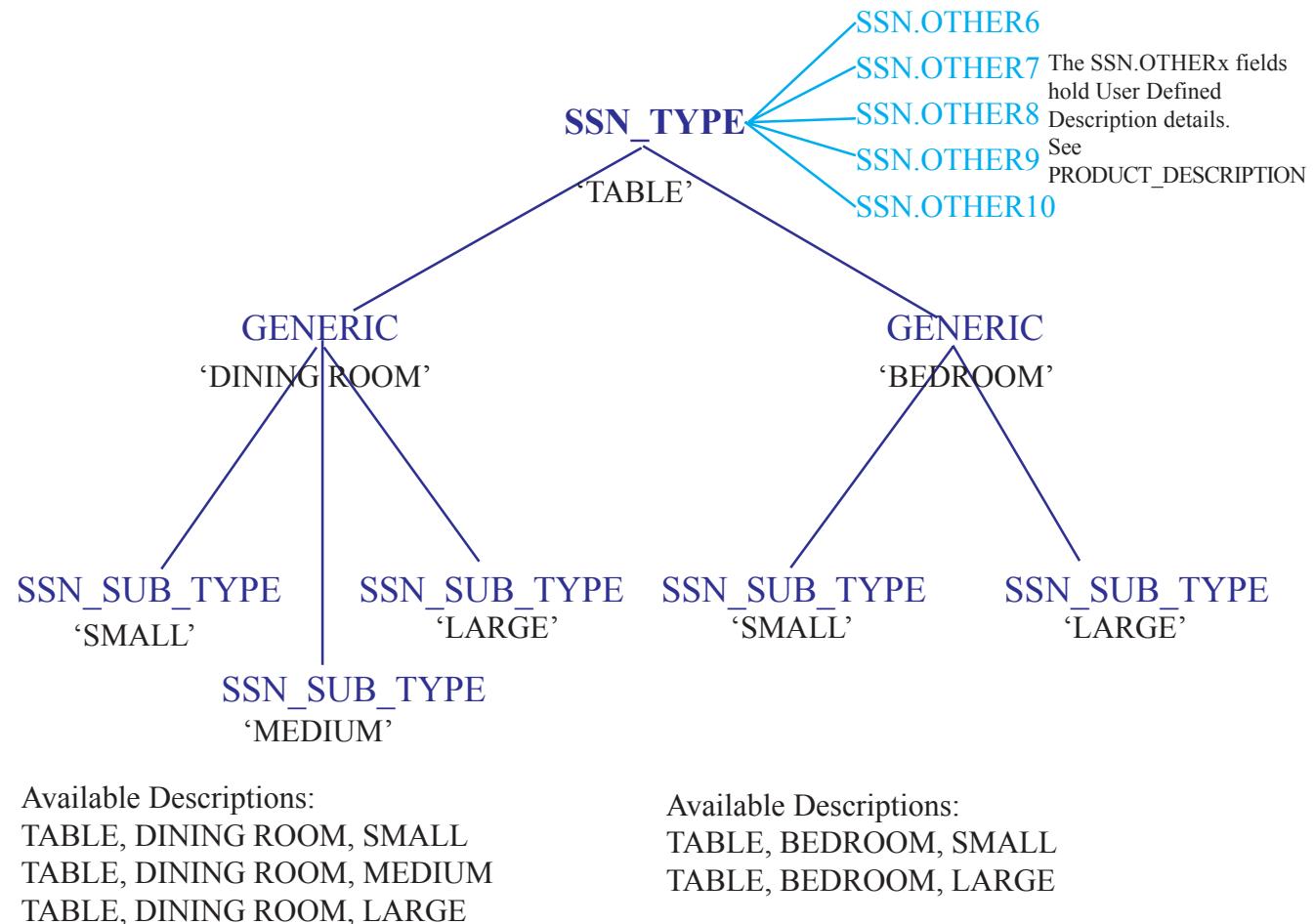
Hence this means that for every **GENERIC** Description there must be a valid **SSN_TYPE** Code.

Similarly, if a 3rd level Description is required in the **SSN_SUB_TYPE** then there must be both a **GENERIC** Code as well as a valid **SSN_TYPE** Code.

Failure to add these higher level Description Codes will cause dropdown lists to be either empty or list every possible description regardless.

NOTE: It is not necessary to use all 3 levels of Master Data Descriptions.

Avoid the use of Trademarks and Brand Names in these 3 Tables.





SSN_TYPE - (Type I)

The **SSN_TYPE** (often called ‘Type I Description’) screen is used to search, add, modify or delete the SSN_TYPE Descriptions and Codes.

The **SSN_TYPE** is the highest Description level used in the MINDER System. It is also Mandatory for every SSN to have an SSN_TYPE Description which is not = NULL (empty).

- **CODE** - Must be unique and use only **UPPERCASE** Characters. Max. of 40 Characters but it is strongly recommended keeping to a minimum (as it helps with Barcode printing and scanning).

SSN_TYPE
SEARCH :

CODE	DESCRIPTION
FIELD1	FIELD2
FIELD3	FIELD4
FIELD5	FIELD6
FIELD7	FIELD8
FIELD9	FIELD10
FIELD11	FIELD12
FIELD13	FIELD14
FIELD15	FIELD16
LEGACY_CODE	PUTAWAY_LOCATION

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

<input type="checkbox"/>	*CODE	DESCRIPTION	FIELD1	FIELD2	FIELD3
<input type="checkbox"/>	CC	Consumable-Cleaning Materials			
<input type="checkbox"/>	CO	Consumable-Office Supplies			
<input type="checkbox"/>	CP	Consumable-Packaging Material			
<input type="checkbox"/>	CS	Consumable-Safety Material			
<input type="checkbox"/>	PS	Product - Sample			
<input type="checkbox"/>	ST	Product - Saleable Stock			
<input type="checkbox"/>	SV	Product - Service Provided			
<input type="checkbox"/>	apr	Product-Apricot			
<input type="checkbox"/>	asp	Product-Asparagus			

To Edit existing SSN_TYPE just ‘click’ on the required Record and the screen will display current details below the Search results. The screen is identical to the ADD screen except it also includes the current details.



SSN_TYPE - ADD

ADD

Please also note **CODE** value is also used to assemble the **SSN_DESCRIPTION** for each SSN with maximum of 80 characters in total, hence we suggest using meaningful but shorthand descriptions).

- Enter **DESCRIPTION**(max. 50 characters). The Description is used in Reports.
- Optional **LEGACY_CODE** (max 4 chars). Do not use unless B&DCS has configured first. Maybe deprecated in near future version.
- Enter ‘User Defined Data Entry Fields’ titles as they are used alongside each SSN TYPE where screen input is required (max. 30 characters).

These will be displayed on Hand Held screen (if ‘Remote’ box checked in Global User Defined Screen) and used to record Other Description details which are complementary to the current SSN_TYPE.

- **PUTAWAY_LOCATION** - This is used on some sites to direct where to Putaway (transfer newly Received Objects) into a Storage Location. Only applies to sites that prefer to store all same SSN_TYPE in same Location. This must be configured by B&DCS.

Select **SAVE** to add or update the SSN_TYPE.

CODE	VARCHAR(40)	
DESCRIPTION	VARCHAR(50)	
FIELD1	VARCHAR(30)	
FIELD2	VARCHAR(30)	
FIELD3	VARCHAR(30)	
FIELD4	VARCHAR(30)	
FIELD5	VARCHAR(30)	
FIELD6	VARCHAR(30)	
FIELD7	VARCHAR(30)	
FIELD8	VARCHAR(30)	
FIELD9	VARCHAR(30)	
FIELD10	VARCHAR(30)	
FIELD11	VARCHAR(30)	
FIELD12	VARCHAR(30)	
FIELD13	VARCHAR(30)	
FIELD14	VARCHAR(30)	
FIELD15	VARCHAR(30)	
FIELD16	VARCHAR(30)	
LEGACY_CODE	CHAR(4)	
PUTAWAY_LOCATION	VARCHAR(10)	
FIELD_SSNTYPE	VARCHAR(30)	
FIELD_GENERIC	VARCHAR(30)	
FIELD_BRAND	VARCHAR(30)	
FIELD_MODEL	VARCHAR(30)	
FIELD_SUBTYPE	VARCHAR(30)	

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

These ‘User Defined Data Entry Fields’ are used as Titles to SSN Edit or Input screens.

These fields are not currently used in any Minder screens - reserved for future options.

These fields are not currently used in any Minder screens - reserved for future options.



GENERIC - (Type II)

The Master Data - **GENERIC** (often called 'Type II') screen is used to add, modify or delete the GENERIC Descriptions and Codes.

The **GENERIC** is the second highest Description level for Assets, Inventory and Objects stored in the MINDER database.

Select a Record to edit current details or

ADD to add a new GENERIC Record (please read ADD SSN_TYPE for instructions on how to add a new Record).

- Enter **CODE**.
- Enter **DESCRIPTION**.
- It is Mandatory to input a **valid SSN_TYPE Code** from SSN_TYPE Table.
- Optional **FIELD1-5** (max. 30 characters) - not currently supported in V5.0
- Optional **Legacy Code** (max. 4 chars.). B&DCS must configure first.

SAVE to add or update the GENERIC.

DELETE use to delete Records that have been selected as shown right...

The screenshot displays two windows for managing generic records:

SEARCH Screen:

- Header: **SEARCH**
- Section: **GENERIC SEARCH :**
- Fields: CODE, FIELD1, FIELD2, FIELD3, FIELD4, FIELD5, SSN_TYPE, DESCRIPTION, LEGACY_CODE.
- Buttons: **SEARCH**, **CLEAR**, **ADD**, **DELETE**.

ADD Screen:

- Header: **ADD**
- Fields: CODE (VARCHAR(40)), DESCRIPTION (VARCHAR(50)), FIELD1 (VARCHAR(30)), FIELD2 (VARCHAR(30)), FIELD3 (VARCHAR(30)), FIELD4 (VARCHAR(30)), FIELD5 (VARCHAR(30)), LEGACY_CODE (CHAR(4)), SSN_TYPE (VARCHAR(40)).
- Text Callout: A blue bracket groups the fields FIELD1 through FIELD5, with the note: "These fields are not currently used in any Minder screens - reserved for future options."
- Text Callout: Next to the SSN_TYPE field, it says "Mandatory input field."
- Buttons: **SAVE**, **CANCEL**, **FIRST**, **PREV.**, **NEXT**, **LAST**.



SSN_SUB_TYPE - (Type III)

The Master Data - SSN_SUB_TYPE (also known as Type III) is the 3rd level Description level for Objects stored in the MINDER database.

Select a Record to edit current details or

ADD to add a new SSN_SUB_TYPE

Record (please read ADD SSN_TYPE for instructions on how to add a record).

- Enter **CODE**.
- Enter **DESCRIPTION**.
- It is Mandatory to input a valid **SSN_TYPE Code** from SSN_TYPE Table plus
- It is Mandatory to input a valid **GENERIC Code** from GENERIC Table.

SAVE to add or update the **GENERIC**.

DELETE use to delete Records that have been selected.

SEARCH

SSN_SUB_TYPE

SEARCH :

SSN_TYPE GENERIC CODE DESCRIPTION **SEARCH****CLEAR****ADD****DELETE****Selected: 0**View By : Page :

<input type="checkbox"/>	*SSN_TYPE	*GENERIC	*CODE
<input type="checkbox"/>			
<input type="checkbox"/>	OTHER	BED	DAY
<input type="checkbox"/>	OTHER	BENCH	LARGE
<input type="checkbox"/>	OTHER	BENCH	SMALL
<input type="checkbox"/>	TABLE	SIDE	LARGE
<input type="checkbox"/>	TABLE	SIDE	SMALL

Total 6 records. Show from 1 to 6

REPORT: CSV**ADD**

SSN_TYPE

VARCHAR(40)

Mandatory input field.

GENERIC

VARCHAR(40)

Mandatory input field.

CODE

VARCHAR(40)

DESCRIPTION

VARCHAR(50)

SAVE**CANCEL****FIRST****PREV.****NEXT****LAST**



Legacy Codes

The ‘Legacy Code’ is an optional field that applies to a number of the following Master Data Tables:

- Type I (SSN_TYPE)
- Type II (GENERIC)
- Brand (BRAND)
- Model (MODEL)

They are used to enable automatic creation of Product Codes when concatenated with other Master Data Legacy Codes.

This enables the uploading of calculated Product ID’s to Legacy Financial Systems that only accepts and Reports on Inventory via Product ID’s.

The Legacy Code lengths vary according to each Master Data Table and must not exceed 30 characters when all Codes are added together. This is because the maximum length of a MINDER Product ID is 30 characters.

B&DCS must configure this facility during commissioning. In general, very few sites will require this facility and maybe deprecated in the near future.

Each Legacy Code must be unique within each Master Data Table.

CODE	VARCHAR(40)	
DESCRIPTION	VARCHAR(50)	
FIELD1	VARCHAR(30)	
FIELD2	VARCHAR(30)	
FIELD3	VARCHAR(30)	
FIELD4	VARCHAR(30)	
FIELD5	VARCHAR(30)	
LEGACY_CODE	CHAR(4)	
SSN_TYPE	VARCHAR(40)	



Master Data - Units of Measure (UOM)

Units of Measure (**UOM**) screen is used to add, modify or delete the Units of Measure used throughout the Minder System.

Select the **ADD** to add a new **UOM**

Details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 2 Characters.
- Enter **DESCRIPTION** (max. 50 characters)
- Enter **VOLUME** (Numeric)
- Enter **UOM_TYPE** (max. 2 char.) where these are defined in the **UOM_TYPE** table. e.g. 'UT' = Unit Type
- Enter **TO_STANDARD_CONV** (Numeric). Used to store the numerical conversion ratio relative to the Base UOM. See **UOM_TYPE**.

UOM
SEARCH :

CODE	DESCRIPTION
VOLUME	UOM_TYPE
TO_STANDARD_CONV	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 10 Page : 1

	*CODE	DESCRIPTION	VOLUME	UOM_TYPE	TO_STANDARD_CONV
<input type="checkbox"/>	BG	Bag		UT	1.000
<input type="checkbox"/>	BN	Bin		UT	
<input type="checkbox"/>	BX	Box		UT	1.000
<input type="checkbox"/>	CM	Centimetres		DT	1.000
<input type="checkbox"/>	CR	Crate		UT	1.000
<input type="checkbox"/>	EA	Each		UT	1.000
<input type="checkbox"/>	GM	Grams		WT	1.000
<input type="checkbox"/>	KG	Kilo-Grams		WT	1000.000
<input type="checkbox"/>	MM	Millimetres		DT	1.000
<input type="checkbox"/>	MR	Metres		DT	1.000

Total 16 records. Show from 1 to 10

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

CODE	CHAR(2)	EA
DESCRIPTION	VARCHAR(50)	Each
VOLUME	NUMERIC(9,3)(4)	
UOM_TYPE	CHAR(2)	UT
TO_STANDARD_CONV	NUMERIC(9,3)(4)	1.000

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Master Data - Units of Measure Types (UOM_TYPE)

Units of Measure Types (**UOM_TYPE**) screen is used to add, modify or delete the Types of Units of Measure used throughout the Minder System.

Select the **ADD** to add a new **UOM_TYPE**

Details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 2 Characters.
- Enter **DESCRIPTION** (max. 50 characters) - In practice keep this small for Reports.
- Enter **STANDARD_UOM** (max. 2 chars.) where this define the Base UOM measure by which all other UOM are measured against e.g. 'EA' Unit Type = 1 Unit of Measure

UOM_TYPE
SEARCH :

CODE	DESCRIPTION
STANDARD_UOM	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	*CODE	DESCRIPTION	STANDARD_UOM
<input type="checkbox"/>	DT	Length	CM
<input type="checkbox"/>	UT	Units	EA
<input type="checkbox"/>	WT	Weight	GM

Total 3 records. Show from 1 to 3

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

CODE	CHAR(2)	UT
DESCRIPTION	VARCHAR(50)	Units
STANDARD_UOM	CHAR(2)	EA

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Master Data - WARRANTY

The ‘WARRANTY’ screen is used to maintain the Warranty Codes and Descriptions that are displayed on the Sales Order Entry screens and Invoices.

As each ISSN is sold (only applies to 1 x SSN = 1 x ISSN based Sales and not Products) and Despatched its WARRANTY_EXPIRY_DATE is updated with a Date Time stamp which is based upon the adding the number of days defined in the Warranty Code to the Despatch Exit Date Time stamp.

‘WARRANTY_CODE’ - Use short but meaningful Warranty Code as these can be used on Sales Invoices and Reports (Max 50 characters).

‘DESCRIPTION’ - Description of Warranty Code (max. 50 characters.)

‘WARRANTY_DAYS’ - This is number of days that will be added to the Date the ISSN is Despatched from the Warehouse, add few days to allow for Frieghting to Customer’s premises.

WARRANTY

SEARCH :

WARRANTY_CODE	DESCRIPTION
WARRANTY_DAYS	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	*WARRANTY_CODE	DESCRIPTION	WARRANTY_DAYS
<input type="checkbox"/>	30RTB	30 Days Return to Depot	32
<input type="checkbox"/>	365RTB	365 Days Return to Depot	367

Total 2 records. Show from 1 to 2

REPORT: CSV



Master Data - ZONE

The '**ZONE**' screen is used to set up a Coding schema for grouping of Locations according to a common relationship.

A ZONE generally represents a group of Locations which share the same Materials Handling process e.g. a group of Locations immediately adjacent to a powered conveyor belt onto which Picked Orders are placed.

Minder is designed to decrement Picked Inventory from a Location inside a Zone on a FIFO basis whereby the actual Location ID does not need to be scanned as part of the Picking process. The resulting Picking Transaction will use the '**DEFAULT_DEVICE_ID**'.

The '**COMPANY_ID**' is used to ensure the correct ownership of consumed inventory is used where multiple **COMPANY_ID** exist.

'**ZONE_SEQ**' is used to ensure every Location inside a Zone has the same Pick/Replenishment Sequence value.

ZONE

SEARCH :

CODE	DESCRIPTION
DEFAULT_DEVICE_ID	COMPANY_ID
ZONE_SEQ	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 **Page :** 1

	CODE	DESCRIPTION	DEFAULT_DEVICE_ID	COMPANY_ID	ZONE_SEQ
<input type="checkbox"/>	AU	Conveyor 1 - Uggles Zone	C1	MM	
<input type="checkbox"/>	BU	Conveyor 2 - Uggles Zone	C2	BW	
<input type="checkbox"/>	MM	Conveyor 1 - Zone 1	C1		
<input type="checkbox"/>	PM	Conveyor 2 - Zone 1	C2		
<input type="checkbox"/>	Z1	Z1 - Zone 1	C1		

Total 5 records. Show from 1 to 5

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

CODE	CHAR(2)	AU
DESCRIPTION	VARCHAR(50)	Conveyor 1 - Uggles Zone
DEFAULT_DEVICE_ID	CHAR(2)	C1
COMPANY_ID	VARCHAR(20)	MM
ZONE_SEQ	NUMERIC(9,3)(4)	

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Master Data - REPLACE MASTER DATA

'REPLACE MASTER DATA' screen is designed to allow for replacing each and every occurrence in the SSN Table of a Master Data Code and related Description with another Master Data Code and related Description. After replacing SSN values the Code to Be Replaced is then deleted.

Step 1.

Select using the 'From Table' which MasterData Table a replacement is to be made.

Step 2.

Use the 'Select Code to Be Replaced' to locate which Description is to be replaced and deleted.

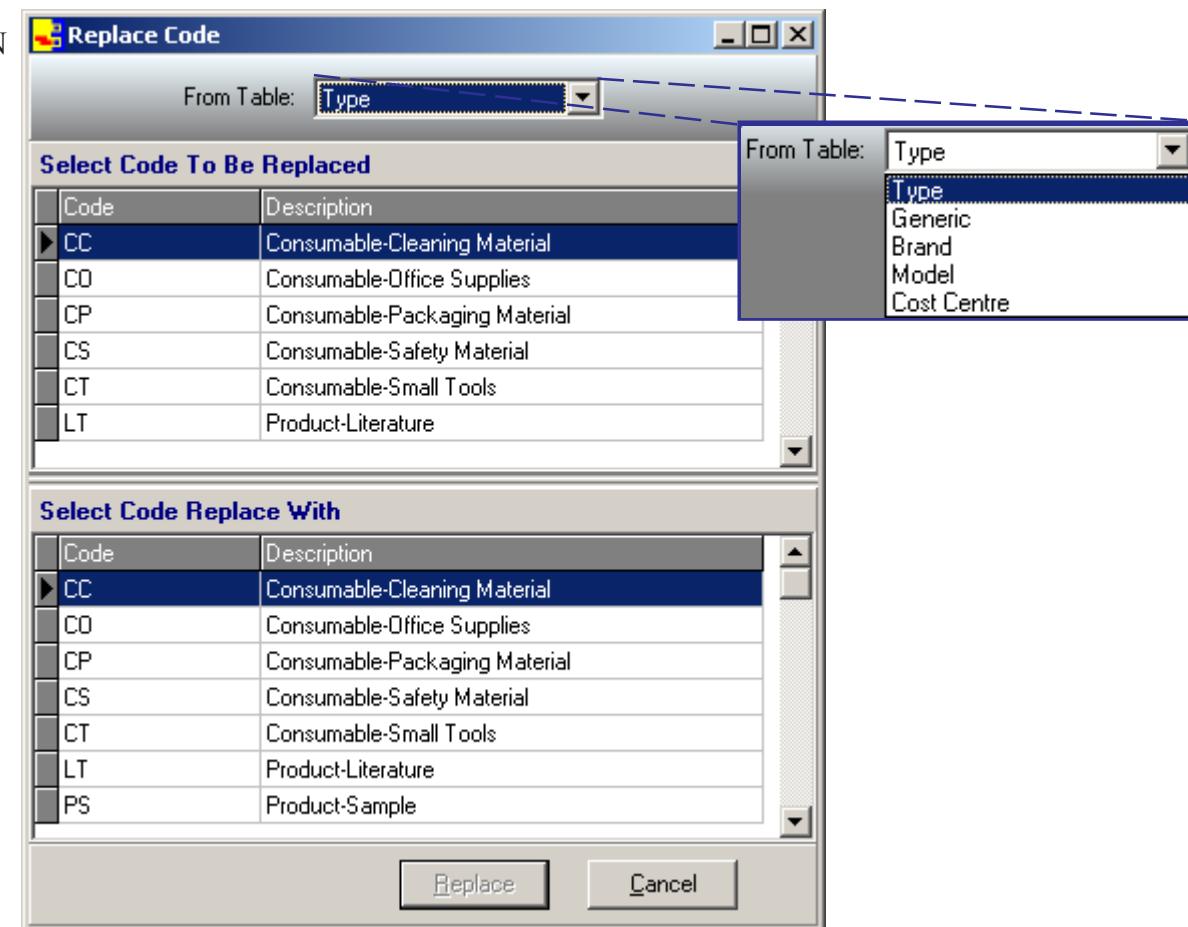
Step 3.

Use the 'Select Code Replace With' to locate which Description is to be substituted for the deleted Code from Step 2.

Step 4.

Select the 'Replace' button to perform the replacements.

Warning: Use with much care, there is no roll-back facility.



Screen shown above is from v4. V5 screen to be similar.

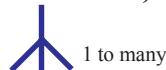


Orders

Orders are stored in 2 parts - Header + Lines

where:

PICK_ORDER
(Order Header)



An Order can consist of multiple Lines

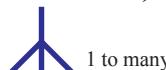
(Products + ISSNs):

PICK_ITEM
(Order Lines)



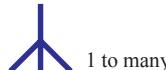
An Order Line can be Picked from multiple

ISSN's: **PICK_ITEM_DETAIL**
(Picked ISSN's)



An Order Line can be Despatched over multiple shipments and Carriers:

PICK_DESPATCH
(Carrier, Connote)



A Connote can be shipped with multiple Labelled Packages (Cartons, Satchels, Pallets):

PACK_ID
(Package Address Labels)

Orders
ORDER_TYPE
PAYMENT_METHOD
TERMS
PICK_ORDER
PICK_ITEM
PICK_ITEM_DETAIL
PICK_DESPATCH
PACK_ID
PURCHASE_ORDER
PURCHASE_ORDER_LINE
GRN

Purchase Orders are stored in 2 parts - Header + Lines where:

PURCHASE_ORDER
(Order Header)



A Purchase Order can consist of multiple Lines:

PURCHASE_ORDER_LINE
(Order Lines)



A Purchase Order can be received on 1 or more deliveries:

GRN
(Goods Received Notes)



Orders - ORDER_TYPE

The MINDER system supports a number of Order Types as shown right.

'ORDER_TYPE' - The Code value used in the PICK_ORDER Table to indicate type of Order

'DESCRIPTION' - The Description displayed on dropdown lists of Order Types.

'OUTWARDS' - Used to filter dropdown lists into two lists:

- 'T' = Outwards Object movements, and
- 'F' = Inwards Object movements.

It is not recommended that this Table is changed as many Minder modules rely upon these values.

ORDER_TYPE			
SEARCH :			
ORDER_TYPE	DESCRIPTION		OUTWARDS
<input type="text" value="IS"/>	<input type="text" value="Issue Order"/>		T
<input type="text" value="LD"/>	<input type="text" value="Load Assets"/>		F
<input type="text" value="LP"/>	<input type="text" value="Load Products"/>		F
<input type="text" value="PO"/>	<input type="text" value="Purchase Order"/>		F
<input type="text" value="PP"/>	<input type="text" value="Pre-Pack Order"/>		T
<input type="text" value="RA"/>	<input type="text" value="Return Order"/>		F
<input type="text" value="RO"/>	<input type="text" value="Replenish Order"/>		T
<input type="text" value="SO"/>	<input type="text" value="Sales Order"/>		T
<input type="text" value="TO"/>	<input type="text" value="Transfer Order"/>		T
<input type="text" value="TR"/>	<input type="text" value="Inter Branch Transfer"/>		F
<input type="text" value="WO"/>	<input type="text" value="Work Order"/>		F

Total 11 records. Show from 1 to 11

REPORT: CSV

SAVE CANCEL FIRST PREV NEXT LAST

ORDER_TYPE	CHAR(2)	<input type="text" value="IS"/>
DESCRIPTION	VARCHAR(50)	<input type="text" value="Issue Order"/>
OUTWARDS	CHAR(1)	<input type="text" value="T"/>



Orders - PAYMENT_METHODS

The **PAYMENT_METHODS** screen is only required for dropdowns on sites that use the Sales & Transfer Order Entry Screens.

Used to indicate Payments Options on any quotes or invoices created within Minder system.

Use the **ADD** button to add new entry.

PAYMENT_METHODS

SEARCH :

PAYMENT_METHOD

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

<input type="checkbox"/>	*PAYMENT_METHOD
<input type="checkbox"/>	AMEX
<input type="checkbox"/>	BANKCARD
<input type="checkbox"/>	Direct Deposit
<input type="checkbox"/>	MASTERCARD
<input type="checkbox"/>	Not Applicable
<input type="checkbox"/>	VISA

Total 6 records. Show from 1 to 6

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

PAYMENT_METHOD VARCHAR(20)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Orders - TERMS

TERMS Table is only required for dropdowns on sites that use the Sales & Transfer Order Entry Screens.

Used to indicate Payments Terms on any quotes or Invoices created within Minder system.

Use the **ADD** button to add new entry.

TERMS
SEARCH :

TERM

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	*TERM
<input type="checkbox"/>	30 Days
<input type="checkbox"/>	60 Days
<input type="checkbox"/>	7 Days
<input type="checkbox"/>	90 Days
<input type="checkbox"/>	C.O.D.

Total 7 records. Show from 1 to 5

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

TERM VARCHAR(20)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Orders - PICK_ORDER

PICK_ORDER table holds the Header records for Sales and Transfer Orders.

This screen should only be used to examine records that may not be displayed as part of the Order entry application screens.

PICK_ORDER

SEARCH :

PICK_ORDER	PICK_ORDER_TYPE
PERSON_ID	CONTACT_NAME
CUSTOMER_PO_WO	COST_CENTER
COMPANY_ID	DIVISION_ID
PICK_PRIORITY	DELIVERY_RUN_NO
PICK_DUE_DATE	SPECIAL_INSTRUCTIONS1
SPECIAL_INSTRUCTIONS2	INV_WITH_GOODS
SHIP_VIA	DESPATCH_LOCATION
CREATE_DATE	CREATED_BY

Selected: 0

View By : 5 Page : 1

	'PICK_ORDER	PICK_ORDER_TYPE	PERSON_ID	CONTACT_NAME	CUSTOMER_PO_WO
<input type="checkbox"/>	S000001866	SO	WOOL		
<input type="checkbox"/>	S000001867	SO	FRANKCAPOB		
<input type="checkbox"/>	S000001868	SO	FRANKCAPOB	Joe Bloggs	ABC123
<input type="checkbox"/>	S000865	SO	United Fre		
<input type="checkbox"/>	S000866	SO	R W Pascoe		

Total 4315 records. Show from 1 to 5

REPORT: CSV



Orders - PICK_ITEM

The **PICK_ITEM** table holds all the Lines for Sales and Transfer Orders.

This screen should only be used to examine records that may not be displayed as part of the Order Entry application screens.

PICK_ITEM

SEARCH :

PICK_LABEL_NO	PICK_ORDER
PICK_ORDER_LINE_NO	CONTACT_NAME
PROD_ID	SSN_ID
WARRANTY_TERM	PICK_LABEL_DATE
SPECIAL_INSTRUCTIONS1	SPECIAL_INSTRUCTIONS2
SHIP_VIA	PICK_ORDER_QTY
PICK_ALLOCATED_QTY	PICKED_QTY
PICK_LINE_DUE_DATE	PICK_STARTED
DESPATCH_TS	DESPATCH_LOCATION

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 20

	'PICK_LABEL_NO	PICK_ORDER	PICK_ORDER_LINE_NO	CONTACT_NAME	PROD_ID
<input type="checkbox"/>	D004062	SO00735	1	kiw111	
<input type="checkbox"/>	D004068	SO00698	1	mng102	
<input type="checkbox"/>	D004069	SO00698	2	kiw137	
<input type="checkbox"/>	D004070	SO00698	3	kiw110	
<input type="checkbox"/>	D004071	SO00799	1	mng107	

Total 6694 records. Show from 96 to 100

REPORT: CSV



Orders - PICK_ITEM_DETAIL

The **PICK_ITEM_DETAIL** table holds all the Picking Transactions performed to complete or part complete each Sales and Transfer Order Lines.

This screen should only be used to examine records that may not be displayed as part of the Despatch application screens.

PICK_ITEM_DETAIL

SEARCH :

PICK_DETAIL_ID	PICK_LABEL_NO
SSN_ID	DESPATCH_ID
PICK_DETAIL_STATUS	QTY_PICKED
DESPATCH_LOCATION	PACK_ID
EAN_SSCC	USER_ID
DEVICE_ID	CREATE_DATE
FROM_WH_ID	FROM_LOCN_ID
LAST_UPDATE_DATE	PID_LEGACY_TRY

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	*PICK_DETAIL_ID	PICK_LABEL_NO	SSN_ID	DESPATCH_ID	PICK_DETAIL_STATUS
<input type="checkbox"/>	6562	D004573	FI1006790109	2486	DX
<input type="checkbox"/>	6563	D004597	FI1008370101	2487	DI
<input type="checkbox"/>	6564	D004597	FI1008370102	2487	DI
<input type="checkbox"/>	6565	D004597	FI1008370105	2487	DI
<input type="checkbox"/>	6566	D004597	FI1008370103	2487	DI

Total 848 records. Show from 1 to 5

REPORT: CSV



Orders - PICK_DESPATCH

The **PICK_DESPATCH** table holds all the Despatch details and most often used to complete Carrier's Consignment Note. An Order can be Despatched complete or partly complete (if Customer allows).

This screen should only be used to examine records that may not be displayed as part of the Despatch application screens.

PICK_DESPATCH

SEARCH :

DESPATCH_ID	AWB_CONSIGNMENT_NO
PICKD_CARRIER_ID	PICKD_SERVICE_TYPE
PICKD_CHARGE_TO	SENDER_ACCOUNT
RECEIVER_ACCOUNT	PICKD_POST_CODE
PICKD_SUBURB	PICKD_PALLET_QTY
PICKD_CARTON_QTY	PICKD_SATCHEL_QTY
PICKD_WT_CALC	PICKD_WT_ACTUAL
PICKD_VOL_ACTUAL	PICKD_PALLET_OWNER
PICKD_ADDRESS_QTY	PICKD_LABEL_START

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

<input type="checkbox"/> *DESPATCH_ID	AWB_CONSIGNMENT_NO	PICKD_CARRIER_ID	PICKD_SERVICE_TYPE	PICKD_CHARGE_TO
<input type="checkbox"/> 2486	SO01264	FPGDELIVER	GEN	S
<input type="checkbox"/> 2487	SO01261	FPGDELIVER	GEN	S
<input type="checkbox"/> 2488	SO01274	FPGDELIVER	GEN	S
<input type="checkbox"/> 2489	SO01274	FPGDELIVER	GEN	S
<input type="checkbox"/> 2490	SO01275	FPGDELIVER	GEN	S

Total 466 records. Show from 1 to 5

REPORT: CSV



Orders - PACK_ID

The **PACK_ID** table holds all the Despatch Packaging details and most often used to label each Carton/Satchel/Pallet shipped on a PICK_DESPATCH (Connote).

An Order can be Despatched complete or partly complete (if Customer allows).

This screen should only be used to examine records that may not be displayed as part of the Despatch application screens.

PACK_ID
SEARCH :

PACK_ID	DESPATCH_ID
CREATE_DATE	LABEL_PRINTED_DATE
DESPATCH_LABEL_NO	LAST_UPDATE_DATE
PROD_ID	QTY
SSN_ID	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	'PACK_ID'	DESPATCH_ID	CREATE_DATE	LABEL_PRINTED_DATE	DESPATCH_LABEL_NO
<input type="checkbox"/>	3863	2091	2008-07-06 05:49:28	2008-07-06 05:49:28	004862
<input type="checkbox"/>	3864	2092	2008-07-06 05:56:20	2008-07-06 05:56:20	004863
<input type="checkbox"/>	3865	2093	2008-07-06 06:06:47	2008-07-06 06:06:51	004864
<input type="checkbox"/>	3866	2094	2008-07-06 06:12:36	2008-07-06 06:12:36	004865
<input type="checkbox"/>	3867	2095	2008-07-06 08:26:56	2008-07-06 08:26:56	004866

Total 1189 records. Show from 1 to 5

REPORT: CSV



Orders - PURCHASE_ORDER

The PURCHASE_ORDER table holds all the Header Record details for an incoming future receipt of Inventory.

A Purchase Order can be Received complete or partly complete (if Client allows).

This screen should only be used to examine records that may not be displayed as part of the RECEIVE application screens.

PURCHASE_ORDER

SEARCH :

PURCHASE_ORDER	PERSON_ID
REQUISITION_NO	PO_DATE
PO_REVISION_NO	COMPANY_ID
DIVISION_ID	PO_STATUS
COMMENTS	PO_PRINTED
USER_ID	ORDER_TYPE
PO_LEGACY_DATE	PO_CURRENCY
PO_DUE_DATE	PO_LEGACY_INTERNAL_ID
PO_RECEIVE_WH_ID	PO_LEGACY_MEMO

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	*PURCHASE_ORDER	PERSON_ID	REQUISITION_NO	PO_DATE	PO_REVISION_NO
<input type="checkbox"/>	PO00002	TEST - Chr		2008-06-26 22:39:07	
<input type="checkbox"/>	PO00003	Team Avoca		2008-06-26 09:21:31	
<input type="checkbox"/>	PO00004	Team Avoca		2008-06-26 09:21:33	
<input type="checkbox"/>	PO00005	A & A & I		2008-10-25 01:30:05	
<input type="checkbox"/>	PO00006	TEST X She		2008-06-27 01:00:07	

Total 1128 records. Show from 1 to 5

REPORT: CSV



Orders - PURCHASE_ORDER_LINE

The PURCHASE_ORDER_LINE table holds all the Line Record details for an incoming future receipt of Inventory.

A Purchase Order Line can be Received complete or partly complete (if Client allows).

This screen should only be used to examine records that may not be displayed as part of the RECEIVE application screens.

PURCHASE_ORDER_LINE

SEARCH :

PURCHASE_ORDER	PO_LINE
REQUISITION_NO	PROD_ID
PO_LINE_QTY	UNIT_PRICE
UOM_ORDER	PO_LINE_DUE_DATE
PO_LINE_STATUS	COMMENTS
GST_VALUE	GST_RATE
GST_CODE	ORIGINAL_QTY
PO_LINE_DESCRIPTION	PO_LINE_OPTIONS
PO_LINE_QTY_F	PO_LINE_LOTNO_LIST

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	'PURCHASE_ORDER'	'PO_LINE'	REQUISITION_NO	PROD_ID
<input type="checkbox"/>	PO00002	1		app101
<input type="checkbox"/>	PO00003	1		AV0001
<input type="checkbox"/>	PO00004	1		AV0001
<input type="checkbox"/>	PO00005	3		app102
<input type="checkbox"/>	PO00006	2		app101

Total 2080 records. Show from 1 to 5

REPORT: CSV



Orders - GRN

The GRN table holds details of how each delivery of Inventory was made.

This applies to all forms of Receipts - Purchase Order and non-Purchase Orders. (See Hand Held User Manual for Receive - Load SSN and Load PRODUCT).

This screen should only be used to examine records that may not be displayed as part of the RECEIVE application screens.

GRN
SEARCH :

GRN	GRN_TYPE
TOTAL_QTY_PACKS	PACK_EAN_SSCC
CARRIER	VEHICLE_ID
AWB_CONSIGNMENT_NO	GRN_PALLET_QTY
DELIVERY_DOCKET	PALLETS_YN
CONTAINER_NO	COMMENTS
GRN_PRINTED	USER_ID
DEVICE_ID	GRN_DATE
ORDER_NO	ORDER_LINE_NO

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	'GRN	GRN_TYPE	TOTAL_QTY_PACKS	PACK_EAN_SSCC	CARRIER
<input type="checkbox"/>	000053	PO	1		VISION
<input type="checkbox"/>	000217	PO	1		VISION
<input type="checkbox"/>	000502	PO	1		VISION
<input type="checkbox"/>	000507	PO	1		CTFREIGHT
<input type="checkbox"/>	000508	PO	1		CTFREIGHT

Total 2116 records. Show from 1 to 5

REPORT: CSV



Product Profiles

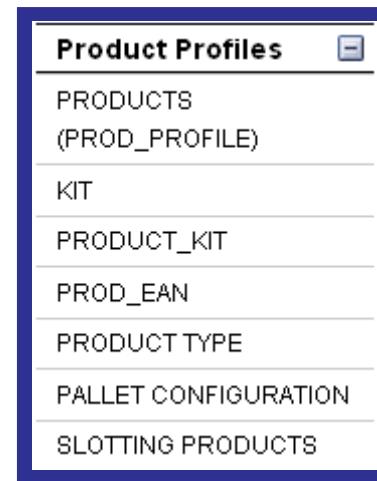
The **Product Profiles** Administration Menu is used to add, edit and delete Products handled by MINDER.

Minder generally defines Inventory Control of Products by the following key attributes:

- Tracking By ISSN can be non-visible to most Users. i.e. User Scans Product Code and Location ID and enters quantity. Minder then handles the ISSN's involved internally.
- Product Code (or Part or Catalogue No.) must not be Null,
- Quantity is > 1 (but can be 1) and
- Location ID.

Whereas Non Product key attributes are:

- Tracking By ISSN always visible to all Users. i.e. User must scan each ISSN as part of every Inventory Transaction which is processed by Minder
- No Product Code (must always be Null),
- Quantity is = 1 (but can be >1) and
- Location ID.



- Holds details about each Product
- Holds Details of Product sold/transferred as a Kit
- Holds Menu Details used to assemble a Kit
- Holds details of GS1 Barcode No. for a Product
- Classification of Products
- Pallet Stacking Patterns for Products
- Match Product's Turnover/Picking properties to Warehouse Storage Location Properties.



Product Profile - PROD_PROFILE

The **PROD_PROFILE** Table is used to hold the Description, Inventory Control and Order Entry characteristics needed to handle Products which are handled by Code + Qty.

Use the **SEARCH** button to locate required Product/s to be maintained.

PROD_PROFILE

SEARCH :

PROD_ID	SHORT_DESC
LONG_DESC	ALTERNATE_ID
PROD_TYPE	STOCK
SPECIAL_INSTR	PROD_IMAGE
HOME_LOCN_ID	SUPPLIER_NO1
SUPPLIER_NO2	SUPPLIER_NO3
SUPPLIER_NO1_PROD	SUPPLIER_NO2_PROD
SUPPLIER_NO3_PROD	SUPPLIER_PREFER
UOM	ISSUE_UOM

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

<input type="checkbox"/> *PROD_ID	SHORT_DESC	LONG_DESC	ALTERNATE_ID	PROD_TYPE
<input type="checkbox"/> 002120073694	SCOTCH TAPE 810 1 ROLL	SCOTCH MAGIC TAPE 810 1 ROLL 3M		CO
<input type="checkbox"/> 0021200435713	TAPE DISPENSER SCOTCH	TAPE DISPENSER SCOTCH C40 19MM X 33M		CO
<input type="checkbox"/> 021200434839	POST-IT	POST-IT POP-UP NOTES 100 SHEETS 3 IN X 3 IN		CO
<input type="checkbox"/> 2000000000008	Test Consumable Cleaning Rags 5 kg packs	Test consumable Cleaning Rags 5 kg packs		CC
<input type="checkbox"/> 93102277435315	BLUE PENS BALLPOINT	STAEDTLER BLUE PENS MEDIUM BALLPOINT 430 M-3		CO

Total 56 records. Show from 1 to 5

REPORT: CSV **REPORT: XLS** **CLEAR SLOTTING** **PRINT PRODUCT**



PROD_PROFILE - Add - Part 1

The **PROD_ID** is the Product Code/Part No/Catalogue No. used for Receiving, Selling and Inventory Reporting processes.

There are a number of MANDATORY input fields which are indicated in the User Manual by the Red input field border...

- **PROD_ID** - Unique Code for each Product,
 - **SHORT_DESC** - Description that will be used on Product labels and Reports,
 - **PROD_TYPE** - Used for Reporting and Costing (See Product Profile - PROD_TYPE),
 - **UOM** - Unit of Measure. Required for all Receiving and Picking processing,
 - **ISSUE_UOM** - Unit of Measure as used for Picking and Issues,
 - **ORDER_UOM** - Unit of Measure as used for Purchase order and Product Receipting processing.
 - **ISSUE_PER_ORDER_UNIT** - Normally = 1, Buy as EA and sell as EA.
 - **LAST_UPDATE_BY** - Not really Mandatory but makes for good practice.
 - **COMPANY_ID** -Mandatory if you operate Warehouse with multiple Companies or plan to.
 - **SSN_TYPE** - Mandatory if use other Description classifications e.g. Variety, Colour, Size.
- Continued....

PROD_ID	VARCHAR(30)	<input type="text"/>
SHORT_DESC	VARCHAR(50)	<input type="text"/>
LONG_DESC	VARCHAR(255)	<input type="text"/>
ALTERNATE_ID	VARCHAR(30)	<input type="text"/>
PROD_TYPE	CHAR(2)	<input type="text"/>
STOCK	CHAR(1)	<input type="text"/>
SPECIAL_INSTR	VARCHAR(50)	<input type="text"/>
 PROD_IMAGE BLOB(8) 		<input type="button" value="Browse..."/>
HOME_LOCN_ID	VARCHAR(10)	<input type="text"/>
SUPPLIER_NO1	VARCHAR(40)	<input type="text"/>
SUPPLIER_NO2	VARCHAR(40)	<input type="text"/>
SUPPLIER_NO3	VARCHAR(40)	<input type="text"/>
SUPPLIER_NO1_PROD	VARCHAR(20)	<input type="text"/>
SUPPLIER_NO2_PROD	VARCHAR(20)	<input type="text"/>
SUPPLIER_NO3_PROD	VARCHAR(20)	<input type="text"/>
SUPPLIER_PREFER	VARCHAR(3)	<input type="text"/>
UOM	CHAR(2)	<input type="text"/>
ISSUE_UOM	CHAR(2)	<input type="text"/>
ORDER_UOM	CHAR(2)	<input type="text"/>
ISSUE_PER_ORDER_UNIT	INTEGER(4)	<input type="text"/>
PALLET_CFG_C	CHAR(2)	<input type="text"/>
PERM_LEVEL	CHAR(1)	<input type="text"/>
SSN_TRACK	CHAR(1)	<input type="text"/>



PROD_PROFILE - Add - Part 2

If your Warehouse is operating Turnover Zones based upon say Fast, Medium and Slow Turnovers then the **TOG_C** must be entered.

The **MAX_QTY**, **MIN_QTY** and **REORDER_QTY** are required to be entered for Replenishment functions should your Warehouse require these.

The **STANDARD_COST** is often required where Sales persons operate on Commission, **SALE_PRICE** is required for preparation of Invoices.

COMPANY_ID must be populated if restricted viewing of **PROD_PROFILES** is required. Non Inventory Operators (non Warehouse Operators) User's must have **COMPANY** Access Limits to view the Products with **COMPANY_ID**.

Inputs fields surrounded by red border are mandatory input fields.

TOG_C	CHAR(2)	
DEFAULT_ISSUE_QTY	INTEGER(4)	
BACK_ORDER_QTY	INTEGER(4)	
RESERVED_QTY	INTEGER(4)	
MAX_QTY	INTEGER(4)	
MIN_QTY	INTEGER(4)	
REORDER_QTY	INTEGER(4)	
MAX_ISSUE_QTY	INTEGER(4)	
STANDARD_COST	NUMERIC(9,2)(4)	
LAST_UPDATE_DATE	TIMESTAMP(8)	
LAST_UPDATE_BY	VARCHAR(10)	
SALE_PRICE	NUMERIC(9,3)(4)	
PROD_RETRIEVE_STATUS	CHAR(1)	
COMPANY_ID	VARCHAR(20)	
ISSUE_PER_INNER_UNIT	INTEGER(4)	
ORDER_WEIGHT	INTEGER(4)	
NET_WEIGHT_UOM	CHAR(2)	
ORDER_WEIGHT_UOM	CHAR(2)	
ISSUE	INTEGER(4)	
INNER_UOM	CHAR(2)	
INNER_WEIGHT_UOM	CHAR(2)	
PALLET_CFG_INNER	CHAR(2)	
PALLET_CFG_ALTERNATE	CHAR(2)	
NET_WEIGHT	NUMERIC(9,2)(4)	
INNER_WEIGHT	NUMERIC(9,2)(4)	
ALTERNATE_COMPANY_ID	VARCHAR(20)	



PROD_PROFILE - Add - Part 3

The **DIMENSION_**'s are required for Freight calculations and if Slotting function used (directions as to where each Product should be stored inside warehouse).

The **MAX_WEIGHT_UNDER** and **MAX_WEIGHT_OVER** are used by Check Weighing screens (Optional Minder process).

The **EXPORT_CATEGORY** is used for flagging on Export documents e.g. NZ Customs - '*contains wooden materials*'.

TEMPERATURE_ZONE used to direct Putaway if Warehouse operates Coolrooms and Freezers.

TAX_APPLICABLE used for calculating GST on Invoices.

SSN_TYPE is **Mandatory** to enable handling of additional Description details particularly where size, colour, style or Variety parameters are used.

PP_MATERIAL_SAFETY_DATA flag used to advise Users of Dangerous Goods and need for Material Safety Data Sheets to accompany shipments.

VOLUME	NUMERIC(9,3)(4)	<input type="text"/>
UOM_SIZE	VARCHAR(10)	<input type="text"/>
MAX_WEIGHT_UNDER	SMALLINT(2)	<input type="text"/>
MAX_WEIGHT_OVER	SMALLINT(2)	<input type="text"/>
DIMENSION_X	NUMERIC(9,3)(4)	<input type="text"/>
DIMENSION_Y	NUMERIC(9,3)(4)	<input type="text"/>
DIMENSION_Z	NUMERIC(9,3)(4)	<input type="text"/>
DIMENSION_X_UOM	CHAR(2)	<input type="text"/>
DIMENSION_Y_UOM	CHAR(2)	<input type="text"/>
DIMENSION_Z_UOM	CHAR(2)	<input type="text"/>
EXPORT_CATEGORY	CHAR(1)	<input type="text"/>
PICK_IMPORT	CHAR(1)	<input type="text"/>
TEMPERATURE_ZONE	CHAR(2)	<input type="text"/>
TAX_APPLICABLE	CHAR(1)	<input type="text"/>
SSN_TYPE	VARCHAR(40)	<input type="text"/>
PP_PACKAGE_TYPE	CHAR(2)	<input type="text"/>
PP_MATERIAL_SAFETY_DATA	CHAR(1)	<input type="text"/>
PP_MATERIAL_SAFETY_DATA_NO	VARCHAR(40)	<input type="text"/>
PP_HAZARD_STATUS	VARCHAR(5)	<input type="text"/>
PP_HAZARD_WARNING	VARCHAR(128)	<input type="text"/>
PP_HAZARD_IMAGE1	INTEGER(4)	<input type="text"/>
PP_HAZARD_IMAGE2	INTEGER(4)	<input type="text"/>
PP_HAZARD_IMAGE3	INTEGER(4)	<input type="text"/>

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Product Profile - Importing New Products or Updating Importing New or Updating - Steps 1 - 3

The following columns are **Mandatory** if copying new PROD_PROFILEs from Excel Spreadsheet or importing from .CSV file:

- PROD_ID
- SHORT_DESC
- PROD_TYPE
- UOM
- ISSUE_UOM
- ORDER_UOM
- ISSUE_PER_ORDER_UNIT
- LAST_UPDATE_BY
- COMPANY_ID
- SSN_TYPE

If only updating existing PROD_PROFILE Records then only PROD_ID plus those columns requiring updating are required.

- Step 1. Select ‘Administration’ Menu
Step 2. Select ‘IMPORTING DATA’ option
Step 3. Select ‘PROD_PROFILE’ table from dropdown list.

The screenshot shows a software interface for importing data. At the top, a dropdown menu titled "Select table to import" is open, showing a list of tables. The table "ACCESS_COMPANY" is selected. Below the dropdown, there is a section titled "Data to Import" which contains a "CSV file to Import" input field and a "Browse..." button. A large blue arrow points from the text "Step 3. Select 'PROD_PROFILE' table from dropdown list." to the "Select table to import" dropdown menu.

Select table to import ACCESS_COMPANY

Unused fields 6 >>

*USER_ID
*COMPANY_ID
ACCESS_LEVEL
EDITABLE
CREATE_DATE
CREATED_BY

PRIVILIGES
PRODUCT_CONDITION
PRODUCT_COND_STATUS
PRODUCT_DESCRIPTION
PRODUCT_KIT
PRODUCT_LAYOUT
PROD_COUNT
PROD_COUNT_HIST
PROD_EAN
PROD_PROFILE
PROD_TYPE
PROJECT
PURCHASE_LINE_DETAIL
PURCHASE_LINE_REVISED
PURCHASE_ORDER
PURCHASE_ORDER_LINE
PURCHASE_ORDER_LINE_TEMP
QLI\$PROCEDURES
QTY_EAN
QUERY_LAYOUT

Data to Import

CSV file to Import Browse...
Import



Importing New or Updating - Steps 4 - 5

Step 4. Select the required columns (click on each left hand column name) in the order which your Excel Spreadsheet or .CSV files holds them.

The right hand side shows the selected columns.

If wrong just clear these using and start again.

But after the please remember re select in the order which matches your .csv columns reading from left to right.

Step 5. Use the Browse button to locate the .CSV file you are importing from.

The screenshot shows a software interface for importing data. At the top, a dropdown menu says "Select table to import PROD_PROFILE". Below it, a button says "Unused fields 80 >>". To its right, another button says "Used fields 10 <<". The main area is divided into two columns. The left column, titled "EXPORT_CATEGORY", lists the following items: PICK_IMPORT, TEMPERATURE_ZONE, TAX_APPLICABLE, PP_PACKAGE_TYPE, PP_MATERIAL_SAFETY_DAT, PP_MATERIAL_SAFETY_DAT, PP_HAZARD_STATUS, PP_HAZARD_WARNING, PP_HAZARD_IMAGE1, PP_HAZARD_IMAGE2, PP_HAZARD_IMAGE3, and VOLUME_UOM. The right column, titled "PROD_ID", lists the following items: *PROD_ID, SHORT_DESC, PROD_TYPE, UOM, ISSUE_UOM, ORDER_UOM, ISSUE_PER_ORDER_UNIT, LAST_UPDATE_BY, COMPANY_ID, and SSN_TYPE. A large yellow border surrounds the entire dialog box.

Select table to import PROD_PROFILE

Unused fields 80 >> Used fields 10 <<

EXPORT_CATEGORY	PROD_ID
PICK_IMPORT	SHORT_DESC
TEMPERATURE_ZONE	PROD_TYPE
TAX_APPLICABLE	UOM
PP_PACKAGE_TYPE	ISSUE_UOM
PP_MATERIAL_SAFETY_DAT	ORDER_UOM
PP_MATERIAL_SAFETY_DAT	ISSUE_PER_ORDER_UNIT
PP_HAZARD_STATUS	LAST_UPDATE_BY
PP_HAZARD_WARNING	COMPANY_ID
PP_HAZARD_IMAGE1	SSN_TYPE
PP_HAZARD_IMAGE2	
PP_HAZARD_IMAGE3	
VOLUME_UOM	

Data to Import

CSV file to Import E:\asset.rf\Book1.csv



Importing New or Updating - Step 6 - Save .CSV

Step 6. The Excel Spreadsheet that matches the Import column layout (but please remember to remove the 1st Field Titles rows before saving as .CSV (Comma Separated Values) Format file.

	A	B	C	D	E	F	G	H	I	J
1	PROD_ID	SHORT_DESC	PROD_TYPE	UOM	ISSUE_UOM	ORDER_UOM	ISSUE_PER_ORDER_UNIT	LAST_UPDATE_BY	COMPANY_ID	SSN_TYPE
2	JT604	Executive Leather Chair Contoured Seat High Back	ST	EA	EA	EA		1 glenn	JANTOM	CHAIR

Save As .CSV. Use NotePad to view details.

Watch for Date values or loss of leading zeros if your PROD_ID use these.

JT604,Executive Leather Chair Contoured Seat High Back,ST,EA,EA,EA,1,glenn,JANTOM,CHAIR



Importing New or Updating - Step 7 - Import .CSV

Select table to import **PROD_PROFILE**

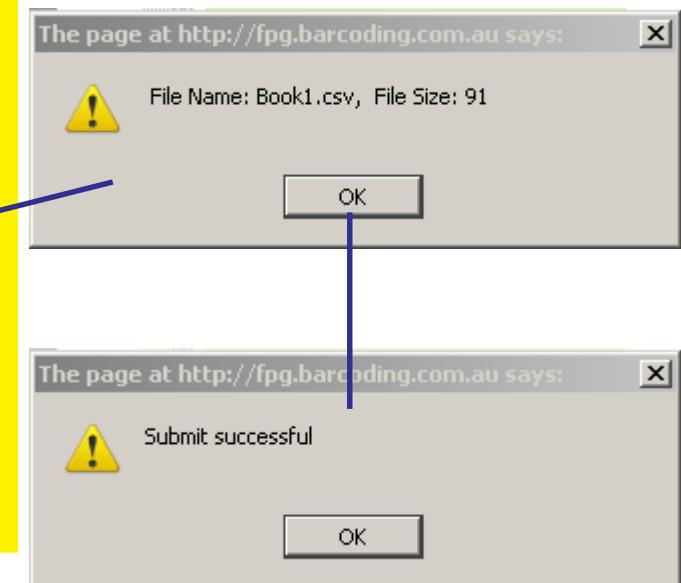
Unused fields **80** >> Used fields **10** <<

MAX_WEIGHT_OVER	*PROD_ID
DIMENSION_X	SHORT_DESC
DIMENSION_Y	PROD_TYPE
DIMENSION_Z	UOM
DIMENSION_X_UOM	ISSUE_UOM
DIMENSION_Y_UOM	ORDER_UOM
DIMENSION_Z_UOM	ISSUE_PER_ORDER_UNIT
EXPORT_CATEGORY	LAST_UPDATE_BY
PICK_IMPORT	COMPANY_ID
TEMPERATURE_ZONE	SSN_TYPE
TAX_APPLICABLE	
PP_PACKAGE_TYPE	
DD_MATERIAL_SAFETY_DAT	

Data to Import

CSV file to Import **E:\asset.rf\Book1.csv**

Step 7. Use the Browse button to locate the .CSV Import file then select the 'Import' button....





Importing New or Updating - Step 8 - Confirm Import

Select table to import **PROD_PROFILE**

Unused fields 80 >> Used fields 10 <<

EXPORT_CATEGORY	*
PICK_IMPORT	PROD_ID
TEMPERATURE_ZONE	SHORT_DESC
TAX_APPLICABLE	PROD_TYPE
PP_PACKAGE_TYPE	UOM
PP_MATERIAL_SAFETY_DAT	ISSUE_UOM
PP_MATERIAL_SAFETY_DAT	ORDER_UOM
PP_HAZARD_STATUS	ISSUE_PER_ORDER_UNIT
PP_HAZARD_WARNING	LAST_UPDATE_BY
PP_HAZARD_IMAGE1	COMPANY_ID
PP_HAZARD_IMAGE2	SSN_TYPE
PP_HAZARD_IMAGE3	
VOLUME_UOM	

Data to Import

CSV file to Import E:\asset.m\Book1.csv

PROD_ID	SHORT_DESC	PROD_TYPE	UOM	ISSUE_UOM	ORDER_UOM	ISSUE_PER_ORDER_UNIT	LAST_UPDATE_BY	COMPANY_ID	SSN_TYPE
JT604	Executive Leather Chair Contoured Seat High Back	ST	EA	EA	EA	1	glenn	JANTOM	CHAIR

Step 8. Select ‘Confirm Import’ if it is correct otherwise you can back out by selecting the ‘Clear Data’ button.



Select ‘OK’. Import is complete after this process has finished.



Product Profile - KIT

The **KIT** table is used, as the name suggests, for recording which Products are defined and handled as Kits (not as single units) plus their Kit Status where:

- ‘CU’ = Current,
- ‘OB’ = Obsolete.

KIT
SEARCH :

KIT_ID	DESCRIPTION
CREATED_BY	CREATED_DATE
UPDATE_ID	STATUS

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page :

<input type="checkbox"/>	*KIT_ID	DESCRIPTION	CREATED_BY	CREATED_DATE	UPDATE_ID
--------------------------	---------	-------------	------------	--------------	-----------

Total 0 records. Show from 1 to 0

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

KIT_ID	VARCHAR(30)
DESCRIPTION	VARCHAR(50)
CREATED_BY	VARCHAR(10)
CREATED_DATE	TIMESTAMP(8)
UPDATE_ID	VARCHAR(10)
STATUS	CHAR(2)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Product Profile - PRODUCT_KIT

The ‘PRODUCT_KIT’ screen is used to create and maintain the Recipes (or Menus) used to make up a Kit.

ADD to add a new PRODUCT_KIT Details.

A Product Profile may consist of a single Product or combination of Products and where the latter is called a **KIT**.

This screen is used to input each Product Code (PROD_ID) and its quantity required to make 1 Unit of a Finished Kit.

- **KIT_ID** - This is the ID of the finished Kit or combination of Products used to make up a **KIT**. See **KIT** screen to add Kit name. It must be a unique **KIT_ID** and is also listed in both the **PROD_PROFILE** and **KIT** Tables.
- **PROD_ID** - This is the ID of each component used to make a **KIT**.
- **PROD_QTY** - This records the quantity or amount of the **PROD_ID** needed to make one unit of a **KIT**.
- **CREATED_DATE** - Creation Date
- **CREATED_BY** - User_ID
- **STATUS** - Used to indicate the Status of the Kit component.

Repeat for each Component of the **KIT**.

PRODUCT_KIT

SEARCH :

KIT_ID	PROD_ID
CREATED_BY	CREATE_DATE
STATUS	PROD_QTY

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page :

<input type="checkbox"/>	*KIT_ID	*PROD_ID	CREATED_BY	CREATE_DATE
--------------------------	---------	----------	------------	-------------

Total 0 records. Show from 1 to 0

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

KIT_ID	VARCHAR(30)
PROD_ID	VARCHAR(30)
CREATED_BY	VARCHAR(10)
CREATE_DATE	TIMESTAMP(8)
STATUS	CHAR(2)
PROD_QTY	DOUBLE PRECISION(8)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Product Profile - PROD_EAN

The PROD_EAN table is used to convert the manufacturers GS1 13 or GS1 14 Barcode into a Minder Product Number (PROD_ID).

The table is also used to convert where Product has a GS1 Barcode with an extension added to the Barcode, such as with publications.

As an example, the extension may indicate which month of the year the publication has been released.

PROD_EAN

SEARCH :

PROD_EAN	PROD_EAN_EXTENSION
PROD_ID	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 100 Page : 1

	'PROD_EAN'	'PROD_EAN_EXTENSION'	PROD_ID
<input type="checkbox"/>	0021200073694		CL003
<input type="checkbox"/>	20000000000008		CL001
<input type="checkbox"/>	9300800404079		ST123

Total 3 records. Show from 1 to 3

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

PROD_EAN	VARCHAR(14)	9300800404079
PROD_EAN_EXTENSION	VARCHAR(6)	
PROD_ID	VARCHAR(30)	ST123

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Product Profile - PRODUCT TYPE (PROD_TYPE)

The **PROD_TYPE** is used to describe collections or groupings of Products for the purposes of Reporting and Costings.

It is used on the PROD_PROFILE screen.

ADD new PROD_TYPE details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 2 Characters. Must also be unique.
- Enter **DESCRIPTION** (max. 50 characters)

PROD_TYPE SEARCH :		
CODE	DESCRIPTION	
<input type="text"/>	<input type="text"/>	
SEARCH CLEAR ADD DELETE		
Selected: 0		
View By : 10 <input type="button"/> Page : 1 <input type="button"/>		
<input type="checkbox"/>	*CODE	DESCRIPTION
<input type="checkbox"/>	CB	Consumable - Pallet Board
<input type="checkbox"/>	CC	Consumable - Cleaning Material
<input type="checkbox"/>	CO	Consumable - Office Supplies
<input type="checkbox"/>	CP	Consumable - Packaging Material
<input type="checkbox"/>	CS	Consumable - Safety Material
<input type="checkbox"/>	CT	Consumable - Small Tool
<input type="checkbox"/>	LT	Product - Literature
<input type="checkbox"/>	PS	Product - Sample
<input type="checkbox"/>	SP	Product - Spare Part
<input type="checkbox"/>	ST	Product - Saleable Stock

Total 11 records. Show from 1 to 10

REPORT: CSV	
SAVE	CANCEL
FIRST	PREV.
NEXT	LAST

CODE	CHAR(2)
DESCRIPTION	VARCHAR(50)
<input type="text"/>	<input type="text"/>
SAVE	CANCEL
FIRST	PREV.
NEXT	LAST



Product Profile - PALLET CONFIGURATION (PALLET_CFG)

The Product Profile - **PALLET_CFG** screen is used to add, modify or delete the Pallet Configuration details which describe how to consistently stack Cartons of Product onto standard Storage Pallets.

(Australian Standard = 1165mm x 1165mm).

ADD new PALLET_CFG details:

- Enter a **PALLET_CFG_CODE** value which must be unique and use only UPPERCASE Characters. Maximum 2 Characters. Must also be unique.
- **PALLET_CFG_DESCRIPTION** (max. 50 characters). This Description should assist the Warehouse Receipts Operator as to the correct stacking method.
- **TOTAL_CARTONS_LAYER** is an integer field indicating how many Cartons per Layer,
- **TOTAL_LAYERS** is another integer field indicating how many Layers per Pallet, and
- **PATTERN_IMAGE** is a BLOB type field able to hold an image File (.jpeg, .bmp and other image formats). Currently not used.

PALLET_CFG

SEARCH :

PALLET_CFG_CODE	PALLET_CFG_DESCRIPTION
TOTAL_CARTONS_LAYER	TOTAL_LAYERS
PATTERN_IMAGE	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

*	PALLET_CFG_CODE	PALLET_CFG_DESCRIPTION	TOTAL_CARTONS_LAYER	TOTAL_LAYERS	PATTERN_IMAGE
<input type="checkbox"/>	P1	5C x 5H = 25 - Spiral Stack	25	5	

Total 1 records. Show from 1 to 1

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

PALLET_CFG_CODE	CHAR(2)
PALLET_CFG_DESCRIPTION	VARCHAR(50)
TOTAL_CARTONS_LAYER	INTEGER(4)
TOTAL_LAYERS	INTEGER(4)

PATTERN_IMAGE BLOB(8)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Product Profile - SLOTTING PRODUCTS

SLOTTING PRODUCTS is used to calculate where Products should be stored inside the warehouse based upon matching one or more Product characteristics (e.g. Dimensions, Sales Turnover, Total Picks/Hits per month, Minimum Storage period) with one or more Locations that have same characteristics.

The **PROD_PROFILE** Search is used to retrieve a set of Products which have similar characteristics.

Then the Operator uses the **LOCATION** Search to retrieve a set of Storage Locations which User wishes to Slot the selected Product/s into.

The **DIMENSIONS** (User may select 1, 2 or all 3 of the x, y & z axis) are selected if the Product's Dimensions are not to exceed the Locations dimensions.

The User selects **UPDATE+CSV** button to Slot the selected Products into the selected set of Locations. The System also creates a .csv ASCII file of the results which can be used to update other systems.

Please call B&DCS before attempting to use the Slotting Products system.

Requires every Location to be measured and details added to the Location Profile Table.

Similarly every Product must be measured and its details added to the Product Profile Table.

PROD_PROFILE SEARCH:

PROD_ID	SHORT_DESC
PROD_TYPE	ALT_PROD_TYPE
STORE_TYPE	TOG_C
LOCN_VISIT_PER_MTH-FROM	LOCN_VISIT_PER_MTH-TO
SALE_PER_MTH-FROM	SALE_PER_MTH-TO
NET_WEIGHT-FROM	NET_WEIGHT-TO
COMPANY_ID	ORIENTATION

LOCATION SEARCH:

WH_ID	LOCN_ID
ZONE_C	STORE_TYPE
TOG_C	STORE METH
STORE_AREA	LOCN_TYPE
LOCN_METRIC	

DIMENSIONS:

LOCN_INT_DIMENSION_X	<input checked="" type="checkbox"/>
LOCN_INT_DIMENSION_Y	<input checked="" type="checkbox"/>
LOCN_INT_DIMENSION_Z	<input checked="" type="checkbox"/>

SEARCH **CLEAR**

Selected: 0

View By : 5 Page : 1

PROD_ID	SHORT_DESC	Hits/Mth	Sales/Mth	DIM ↕	DIM ↕	DIM ↕	Store Type	Alt Type	LOCN ↕	DIM ↕	DIM ↕	DIM ↕
2000000000008	Test Consumable Cleaning Rags 5 kg packs	0.000	0.000	0.000	***	***	***	***	***	***	***	***
9311995002537	PAPER WHITE A3	0.000	0.000	0.000	***	***	***	***	***	***	***	***
9311995456620	PAPER A4 WHITE	0.000	0.000	0.000	***	***	***	***	***	***	***	***
0021200435713	TAPE DISPENSER SCOTCH	0.000	0.000	0.000	***	***	***	***	***	***	***	***
9312311393001	TAPE DISPENSER 66M ROLLS	0.000	0.000	0.000	***	***	***	***	***	***	***	***

Total 56 records. Show from 1 to 5

REPORT: CSV **REPORT: XLS** **UPDATE+CSV** **REFRESH**



Person Profiles

A 'PERSON' in Minder can be a Corporation or an Individual.

The PERSON_COMPANY allows Users to view a range of Companies and the Persons associated.

The ACCESS_USER allows Users to view a range of Warehouses which a non-Warehouse User can view Inventory details.

Person Profiles	
PERSON	
PERSON_ADDRESS	
PERSON_COMPANY	
ACCESS_COMPANY	
ACCESS_USER	
USERS (SYS_USER)	

A 'PERSON' may have more than one Address - Office, Warehouse/s, Postal.

Enables a range of Companies which a non-Warehouse User can view Inventory details.

The SYS_USER Table maintains details about each Minder User (which is not the same as a 'Person').



PERSON

The ‘PERSON’ Profile is a key lookup Table used throughout the MINDER Series whenever Contact details are required to be displayed or printed for an Individual, Company, Supplier, Customer, Carriers, Bankers or other Entities which Minder buys Inventory from, sells to or transfers to.

V5.0.1.0+ All Addresses were moved to new PERSON_ADDRESS Table to facilitate handling of multiple Warehouses operated by some Customers e.g. Woolworths, Coles.

See PERSON_ADDRESS Table.

Select the **ADD CONTACT** to create a new Person or the Search button to modify an existing Person entry.

The PERSON_ID must be a unique combination of upto alphanumeric characters.
See next page for details.

CONTACTS

SEARCH

Person ID	Name/First	Name/Last
Contact First	Contact Last	Name
Name		Contact Type
Company ID		

SEARCH **CLEAR** **ADD CONTACT** **DELETE CONTACT**

RESULTS LIST View By : 5 Page : 1

Selected: 0

Person ID	Name/First	Name/Last	Company ID	Contact/First	Contact/Last	Type
1400	WOOLWORTHS LTD	(1400)		C	Carter	CO
1400ADEL	WWW Adelaide RDC		1400	C	Carter	CU
1400BRIS	WWW Brisbane RDC		1400			CU
1400DEVONP	WWW Devonport RDC			C	Carter	CU
1125	Sam Theocharous					CU

Total 226 records. Show from 1 to 5



PERSON - Fields

PERSON_ID - Used throughout most inventory transactions - must be unique max 10 chars.

COMPANY_ID - Used to restrict access of non-Admin Users and Users who are not INVENTORY_OPERATORS = 'T' to those with ACCESS_COMPANY listings. i.e external Suppliers and Customers who maybe given Internet access to Minder System.

All COMPANY_ID's must be listed in the COMPANY Table as they are always the Owners of inventory.

CONTACT_TYPE - Select from drop down list (see PERSON_TYPE tabel for details). Includes 'CO' = Company, 'CU' = Company Customer, 'CS' = Company Supplier, 'IN' = Individual, 'RP' = Repository Contact.

TITLE - Used if Individual.

FIRST_NAME - Company Name or Individual First Name.

LAST_NAME - Company Division or Individual Last Name. Screens should concatenate First and Last Names if Individual.

STATUS - Use 'CU' = Current and 'OB' = Obsolete

CONTACT_FIRST_NAME &

CONTACT_LAST_NAME - Use if Delivery Address details require and not provided on Purchase Orders

SECOND_CONTACT_LAST_NAME - as above.

SAVE & RETURN		CANCEL CHANGES	
PERSON ID:	<input type="text"/>	Contact First Name:	<input type="text"/>
Company ID:	<input type="text"/> FPGIMPORTS	Contact Last Name:	<input type="text"/>
Contact Type:	<input type="text"/>	Contact Address 1:	<input type="text"/>
Title:	<input type="text"/>	Contact Address 2:	<input type="text"/>
First Name:	<input type="text"/>	Contact City:	<input type="text"/>
Last Name:	<input type="text"/>	Contact State:	<input type="text"/>
Contact City:	<input type="text"/>	Contact Post Code:	<input type="text"/>
Contact State:	<input type="text"/>	Contact Phone No:	<input type="text"/>
Post Code:	<input type="text"/>	Contact Country:	<input type="text"/>
Country:	<input type="text"/>	2nd Contact First Name:	<input type="text"/>
Fax No:	<input type="text"/>	2nd Contact Last Name:	<input type="text"/>
Telephone No:	<input type="text"/>	2nd Phone No:	<input type="text"/>
Mobile No:	<input type="text"/>	2nd Mobile No:	<input type="text"/>
Email Address:	<input type="text"/>	2nd Fax No:	<input type="text"/>
Web Site:	<input type="text"/>	2nd Email:	<input type="text"/>
Contact Status:	<input type="text"/> Current (CU)	Created By:	<input type="text"/>
		Created Date:	<input type="text"/>



PERSON - PERSON_TYPE

The **PERSON_TYPE** is generally completed during commissioning by B&DCS.

It holds a range of PERSON's that Minder system may interact with.

Always use the letter = 'I' as the first letter of any Individual (this ensures that their First and Last names are concatenated with a space character) and for Corporations the first letter must be = 'C'.

There are some exceptions, see below.

The following are reserved PERSON_TYPES:

'IN' = Individual

'CA' = Carrier

'CO' = Company/Corporation/Owner

'LE' = Leasee (= Company Type)

'CR' = Repository Contact (= Company Type)

'RP' = Repository Contact (= Individual Type)

'MO' = Mail Out Indicates that no Person

Contact details are being stored in
Minder system.

PERSON_TYPE
SEARCH :

CODE DESCRIPTION

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	*CODE	DESCRIPTION
<input type="checkbox"/>	CA	Carrier
<input type="checkbox"/>	CO	Company
<input type="checkbox"/>	CR	Company Respository Contact
<input type="checkbox"/>	CS	Company - Supplier
<input type="checkbox"/>	CU	Company - Customer
<input type="checkbox"/>	CV	Company - Vendor
<input type="checkbox"/>	IN	Individual
<input type="checkbox"/>	LE	Leasee
<input type="checkbox"/>	RP	Repository Contact

Total 9 records. Show from 1 to 9

REPORT: CSV



PERSON - PERSON_ADDRESS

Minder v5.0.1.0+ added the **PERSON_ADDRESS** table to allow for multiple Addresses per PERSON plus multiple Address Types.

User must first create a **PERSON** then select one row of the **PERSON** table to display all the Addresses associated with the selected **PERSON**. Example screen on right shows many Woolworths Distribution Centres which deliveries maybe made to from one Minder operated Warehouse.

Use **ADD ADDRESS** to add new Address for current **PERSON**.

Use **EDIT CONTACT** to return to current Person record (see previous page).

Address Types include:

‘DT’ = Deliver To

‘MT’ = Mail To

‘OF’ = Office Address

‘SF’ = Sold From Address - Sales Orders

‘ST’ = Sold To Address - Sales Orders

‘SB’ = Supplied By - Sales Orders.

ADDRESSES: 1991WW								
Name/First		1991 Imports Woolworths		Name>Last				
Contact First Name				Contact Last Name				
Company ID				Contact Type		CU		
ADD ADDRESS DELETE ADDRESS EDIT CONTACT RETURN								
RESULTS LIST		View By : 10		Page : 1				
Selected: 0								
<input type="checkbox"/>	Addr#	Address Type	Address Line 1	Address Line 2	Suburb	City	State	Country
<input type="checkbox"/>	212	DT	Safeway - Mulgrave DC	522 Wellington Road	Mulgrave	Melbourne	VIC	
<input type="checkbox"/>	213	MT	Woolworths Ltd	1 Bligh Street	Rosny	Hobart	TAS	
<input type="checkbox"/>	214	DT	Woolworths Adelaide RDC	599 Main North Road	Gepps Cross	Adelaide	SA	
<input type="checkbox"/>	215	DT	Woolworths Brisbane RDC	Distribution Street	Larapinta	Brisbane	QLD	
<input type="checkbox"/>	216	DT	Woolworths Sydney RDC	69 Sargents Road,	Michinbury	Sydney	NSW	
<input type="checkbox"/>	217	DT	Woolworths Melbourne NDC	522 Wellington Road	Mulgrave	Melbourne	VIC	
<input type="checkbox"/>	218	DT	Woolworths Perth RDC	20-60 Colquhoun Road	Perth Airport	Perth	WA	
<input type="checkbox"/>	219	DT	Woolworths Townsville RDC	Jay Street	Bohle	Townsville	QLD	
<input type="checkbox"/>	220	DT	Woolworths Wodonga RDC	28 Bilton Drive	Barnawartha North	Wodonga	VIC	
<input type="checkbox"/>	221	DT	Woolworths Wyong RDC	Warren Road	Warrenvale	Wyong	NSW	
Total 11 records. Show from 1 to 10								



PERSON - PERSON_COMPANY

The **PERSON_COMPANY** table is used to allow '**PERSONS**' to access PERSON and PERSON_ADDRESS details that belong COMPANY other than that which they belong to.

Ask B&DCS for assistance on how best to use this screen.

By default if a PERSON record has COMPANY_ID = Null then they can view all other PERSON and PERSON_ADDRESS records.

PERSON_COMPANY

SEARCH :

RECORD_ID	PERSON_ID
COMPANY_ID	PC_STATUS
PC_CREATE_DATE	PC_CREATED_BY
PC_LAST_UPDATE_DATE	PC_LAST_UPDATE_BY

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 **Page :**

<input type="checkbox"/> 'RECORD_ID'	PERSON_ID	COMPANY_ID	PC_STATUS	PC_CREATE_DATE
--------------------------------------	-----------	------------	-----------	----------------

Total 0 records. Show from 1 to 0

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

RECORD_ID	INTEGER(4)
PERSON_ID	VARCHAR(10)
COMPANY_ID	VARCHAR(20)
PC_STATUS	CHAR(2)
PC_CREATE_DATE	TIMESTAMP(8)
PC_CREATED_BY	VARCHAR(10)
PC_LAST_UPDATE_DATE	TIMESTAMP(8)
PC_LAST_UPDATE_BY	VARCHAR(10)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



PERSON - ACCESS_COMPANY

If a non-Admin User requires screen access to view Inventory other than that owned by the in the Users's COMPANY_ID field then a record must be added for each additional Company in the 'ACCESS_COMPANY' Table as shown right.

Currently the EDITABLE and ACCESS_LEVEL fields are not used at each additional Warehouse. Only the SYS_USER values are applied across all Warehouses.

This will be expanded in a future release.

**ACCESS_COMPANY
SEARCH:**

USER_ID	COMPANY_ID
ACCESS_LEVEL	EDITABLE
CREATE_DATE	CREATED_BY

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 10

	*USER_ID	*COMPANY_ID	ACCESS_LEVEL	EDITABLE
<input type="checkbox"/>	a	FPGIMPORTS	4	
<input type="checkbox"/>	adaml	FPGIMPORTS	4	F
<input type="checkbox"/>	ashleyl	FPGIMPORTS	4	F
<input type="checkbox"/>	carlosg	FPGIMPORTS	4	F
<input type="checkbox"/>	chrissw	FPGIMPORTS	4	F
<input type="checkbox"/>	davida	FPGIMPORTS	4	F
<input type="checkbox"/>	glenn	FPGEXPORTS	1	T
<input type="checkbox"/>	glenn	FPGIMPORTS	1	T
<input type="checkbox"/>	grahamc	FPGIMPORTS	4	F
<input type="checkbox"/>	lindat	FPGIMPORTS	4	F

Total 17 records. Show from 1 to 10

REPORT: CSV



PERSON - ACCESS_USER

If a non-Admin User (**INVENTORY_OPERATOR = 'F'**) requires screen access to view Warehouse Inventory other than that assigned in the **DEFAULT_WH_ID** they require a record to be added for each additional Warehouse in the '**ACCESS_USER**' Table as shown right.

Currently the **EDITABLE** and **ACCESS_LEVEL** fields are not used at each additional Warehouse. Only the **SYS_USER** values are applied across all Warehouses.

This will be expanded in a future release.

ACCESS_USER
SEARCH:

USER_ID	WH_ID
ACCESS_LEVEL	EDITABLE
CREATE_DATE	CREATED_BY

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	*USER_ID	*WH_ID	ACCESS_LEVEL	EDITABLE
<input type="checkbox"/>	USERA	FX	2	
<input type="checkbox"/>	USERB	FX	2	
<input type="checkbox"/>	a	FX	1	
<input type="checkbox"/>	glenn	FX	1	T
<input type="checkbox"/>	imbr	FX	2	
<input type="checkbox"/>	lindat	FX	4	T
<input type="checkbox"/>	nigeld	FX	1	T
<input type="checkbox"/>	renato	FX	4	T
<input type="checkbox"/>	robertn	FX	1	F
<input type="checkbox"/>	thar	FX	2	

Total 10 records. Show from 1 to 10

REPORT: CSV



PERSON - SYS_USER

All MINDER Series Users must be registered in the System User Profile (**SYS_USER**) regardless of the type of Device they are using.

USER_ID - Max 10 Alphanumeric (we recommend all lowercase for easier Hand Held Terminal input).

PASS_WORD - Max 10 Alphanumeric (we recommend all lowercase for easier Hand Held input). Only Admin Users can view PASS_WORD.

USER_TYPE - Enter either 'PR' = 'Production' or 'TR' = 'Test' Database.

DEFAULT_WH_ID - Enter required Warehouse Code.

SYS_ADMIN - Enter 'T' if User has full access to the System and the Administration Menus

EDITABLE - If 'T' allows the User to Edit GRN and other screens with Notes and Comment fields. 'T' if **SYS_ADMIN** ='T'.

SALE_MANAGER - If 'T' allows User to change the status of Sales/Transfer Orders to 'Approved for Picking'.

CREDIT_MANAGER - If 'T' allows User to change the status of Sales/Transfer Orders to 'Approved for Despatch'.

SYS_USER

SEARCH :

USER_ID	PERSON_ID
COMPANY_ID	DIVISION_ID
DEVICE_ID	LOC_PERM_LEVEL
PROD_PERM_LEVEL	TASK_PERM_LEVEL
LOGIN_DATE	PASS_WORD
PASS_WORD_DATE	PW_EXPIRY_DATE
LAST_UPDATE_DATE	UPDATE_USER_ID
SYS_ADMIN	ZONE_C
EDITABLE	USER_TYPE
SALE_MANAGER	CREDIT_MANAGER

SEARCH **CLEAR** **ADD** **DELETE**

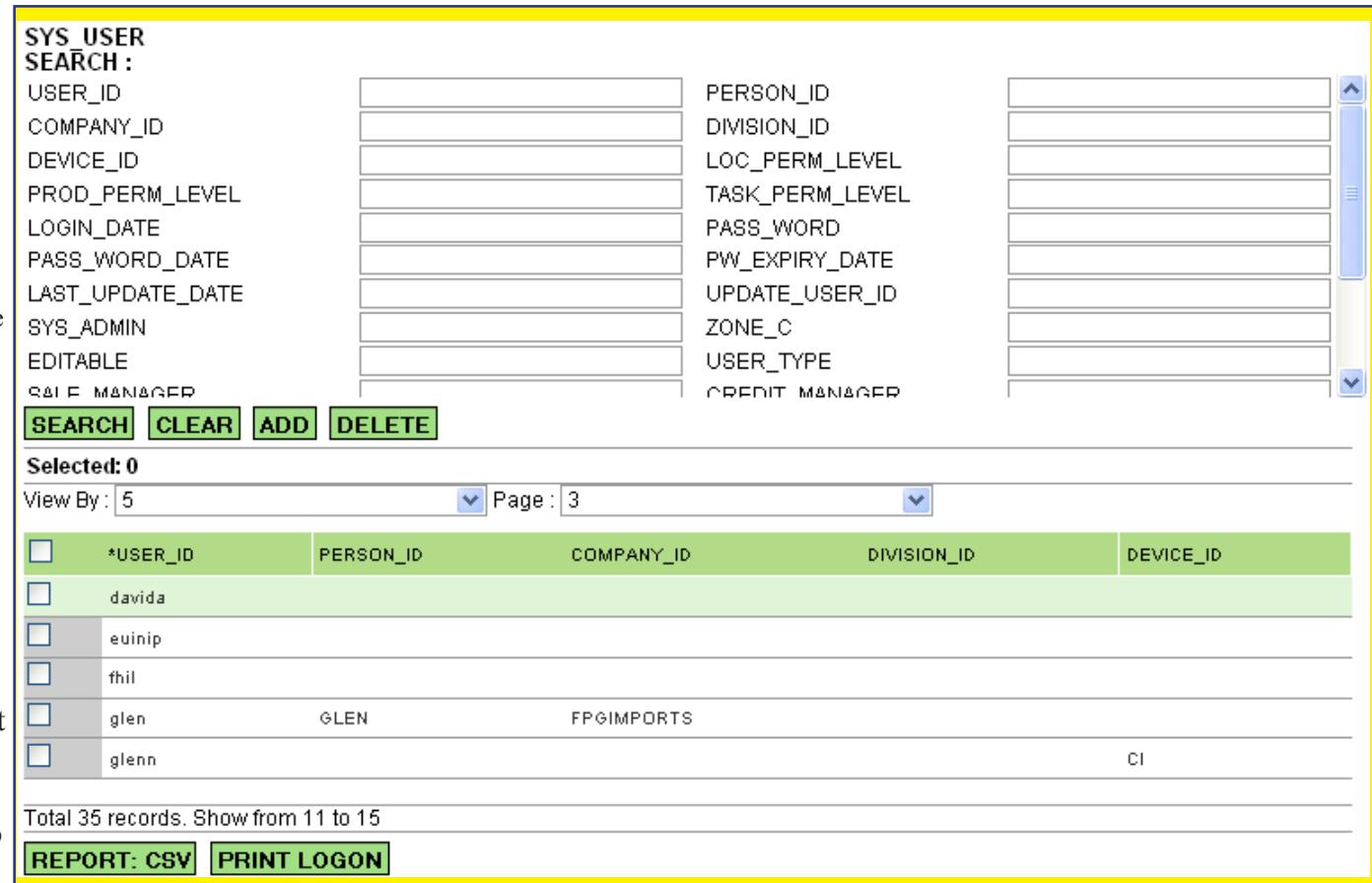
Selected: 0

View By : 5 Page : 3

	*USER_ID	PERSON_ID	COMPANY_ID	DIVISION_ID	DEVICE_ID
<input type="checkbox"/>	davida				
<input type="checkbox"/>	euinip				
<input type="checkbox"/>	fhil				
<input type="checkbox"/>	glen	GLEN	FPGIMPORTS		
<input type="checkbox"/>	glenn				CI

Total 35 records. Show from 11 to 15

REPORT: CSV **PRINT LOGON**



INVENTORY_OPERATOR - ignored if **SYS_ADMIN** = 'T'

STOCK_ADJUST - If 'T' allows User to make Stock Adjustments. 'T' if **SYS_ADMIN** = 'T'.

PRINT LOGON

This button is used to Print a LogOn Label. Used by OTC Users to Log On and directly open the OTC Issues>Returns screen.



SYS_USER - Non Administration

Non-Admin Users care those where SYS_ADMIN = 'F'. They cannot use the Administration Menu or Edit Reports.

Select the **ADD** to add a new User:

The following are minimum Mandatory fields to be completed for a Non-Admin User:

USER_ID - Max 10 Alphanumeric (we recommend all lowercase for easier Hand Held input)

PASS_WORD - Max 10 Alphanumeric (can only be viewed by USER = 'Admin')

USER_TYPE - Enter either 'PR' = 'Production' or 'TR' = 'Test' Database..

Note: Do not use the same USER ID for both Production and Test databases.

DEFAULT_WH_ID - Enter Warehouse Code.

INVENTORY_OPERATOR - If 'T' allows User to view all Inventory located inside allowed Warehouses, regardless of Owners.

COMPANY_ID - Enter a COMPANY_ID which User can view Inventory owned by this Company.

Mandatory if INVENTORY_OPERATOR = 'F'

Note: To allow User Minder screen access to view other Warehouses please add these using the Administration -> Access Tables -> ACCESS_USER Menu. See Access Tables Menu.

SAVE	CANCEL	FIRST	PREV.	NEXT	LAST
USER_ID	VARCHAR(10)	glen			
PERSON_ID	VARCHAR(10)	GLEN			
COMPANY_ID	VARCHAR(20)	FPGIMPORTS			
DIVISION_ID	VARCHAR(20)				
DEVICE_ID	CHAR(2)				
LOC_PERM_LEVEL	CHAR(1)				
PROD_PERM_LEVEL	CHAR(1)				
TASK_PERM_LEVEL	CHAR(1)				
LOGIN_DATE	TIMESTAMP(8)	1970-01-01 10:00:00			
PASS_WORD	VARCHAR(10)	*****			
PASS_WORD_DATE	TIMESTAMP(8)	1970-01-01 10:00:00			
PW_EXPIRY_DATE	TIMESTAMP(8)	2010-01-01 00:00:00			
LAST_UPDATE_DATE	TIMESTAMP(8)	2009-03-17 00:00:00			
UPDATE_USER_ID	VARCHAR(10)	glenn			
SYS_ADMIN	CHAR(1)	T			
ZONE_C	CHAR(2)				
EDITABLE	CHAR(1)	T			
USER_TYPE	CHAR(2)	PR			
SALE_MANAGER	CHAR(1)	F			
CREDIT_MANAGER	CHAR(1)	F			
DEFAULT_WH_ID	CHAR(2)	FX			
INVENTORY_OPERATOR	CHAR(1)	T			
PICK_SEQUENCE	CHAR(2)				
PICK_DIRECTION	CHAR(1)				
DEFAULT_ORDER SOLD FROM	VARCHAR(20)				
DEFAULT_ORDER SOLD TO	VARCHAR(20)				
STOCK_ADJUST	CHAR(1)	F			
SAVE	CANCEL	FIRST	PREV.	NEXT	LAST



The MINDER Series™ for Barcode Inventory Control.

Employee Profiles

Employee Profile consists of a set of Minder Tables used by TIME*MINDER Module and is not used by any other Minder Module.

EMPLOYEE_ISSUE holds KIT numbers which are common to WAREHOUSE*MINDER.

This Module is needed for internal Employee ID Card Printing and Issue, Time & Attendance, Access Control as well as for Work Order/Job Number Data Collection.

Employee Profiles	[grid icon]
EMPLOYEE	
EMPLOYEE_IMAGE	
EMPLOYEE_ISSUE	
OCCUPATION	
SKILL	



EMPLOYEE

EMPLOYEE

SEARCH :

EMPLOYEE_ID	PROJECT_ID
STATUS	INDUCTION_DATE
TITLE	FIRST_NAME
LAST_NAME	DOB
PREFERRED_LANGUAGE	COMPANY_ID
EMPLOYEE_TYPE	LOCATION
OCCUPATION	DRIVER_LIC_NO
DRIVER_LIC_CLASS	DRIVER_LIC_STATE
DRIVER_LIC_EXPIRY_DATE	ADDRESS_LINE1

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 **Page :**

<input type="checkbox"/>	'EMPLOYEE_ID	PROJECT_ID	STATUS	INDUCTION_DATE	TITLE
--------------------------	--------------	------------	--------	----------------	-------

Total 0 records. Show from 1 to 0

REPORT: CSV



EMPLOYEE - Fields

EMPLOYEE_ID	VARCHAR(10)	<input type="text"/>
PROJECT_ID	VARCHAR(10)	<input type="text"/>
STATUS	CHAR(2)	<input type="text"/>
INDUCTION_DATE	TIMESTAMP(8)	<input type="text"/>
TITLE	VARCHAR(5)	<input type="text"/>
FIRST_NAME	VARCHAR(25)	<input type="text"/>
LAST_NAME	VARCHAR(25)	<input type="text"/>
DOB	TIMESTAMP(8)	<input type="text"/>
PREFERRED_LANGUAGE	VARCHAR(20)	<input type="text"/>
COMPANY_ID	VARCHAR(10)	<input type="text"/>
EMPLOYEE_TYPE	CHAR(2)	<input type="text"/>
LOCATION	VARCHAR(40)	<input type="text"/>
OCCUPATION	VARCHAR(30)	<input type="text"/>
DRIVER_LIC_NO	VARCHAR(20)	<input type="text"/>
DRIVER_LIC_CLASS	VARCHAR(10)	<input type="text"/>
DRIVER_LIC_STATE	VARCHAR(3)	<input type="text"/>
DRIVER_LIC_EXPIRY_DATE	TIMESTAMP(8)	<input type="text"/>
ADDRESS_LINE1	VARCHAR(50)	<input type="text"/>
ADDRESS_LINE2	VARCHAR(50)	<input type="text"/>
CITY	VARCHAR(25)	<input type="text"/>
STATE	VARCHAR(15)	<input type="text"/>
POST_CODE	VARCHAR(10)	<input type="text"/>
COUNTRY	VARCHAR(25)	<input type="text"/>
PHONE_NO	VARCHAR(30)	<input type="text"/>
FAX_NO	VARCHAR(30)	<input type="text"/>
MOBILE_NO	VARCHAR(15)	<input type="text"/>
EMAIL	VARCHAR(50)	<input type="text"/>
MAIL_ADDRESS1	VARCHAR(50)	<input type="text"/>
MAIL_ADDRESS2	VARCHAR(50)	<input type="text"/>
MAIL_CITY	VARCHAR(25)	<input type="text"/>
MAIL_STATE	VARCHAR(15)	<input type="text"/>
MAIL_POST_CODE	VARCHAR(10)	<input type="text"/>

MAIL_COUNTRY	VARCHAR(25)	<input type="text"/>
MAIL_PHONE	VARCHAR(30)	<input type="text"/>
CONTACT_FIRST_NAME	VARCHAR(25)	<input type="text"/>
CONTACT_LAST_NAME	VARCHAR(25)	<input type="text"/>
CONTACT_ADDRESS1	VARCHAR(50)	<input type="text"/>
CONTACT_ADDRESS2	VARCHAR(50)	<input type="text"/>
CONTACT_CITY	VARCHAR(25)	<input type="text"/>
CONTACT_STATE	VARCHAR(15)	<input type="text"/>
CONTACT_POST_CODE	VARCHAR(10)	<input type="text"/>
CONTACT_COUNTRY	VARCHAR(25)	<input type="text"/>
CONTACT_PHONE	VARCHAR(30)	<input type="text"/>
EMP_UDF1	VARCHAR(50)	<input type="text"/>
EMP_UDF2	VARCHAR(50)	<input type="text"/>
EMP_UDF3	VARCHAR(50)	<input type="text"/>
EMP_UDF4	VARCHAR(50)	<input type="text"/>
EMP_UDF5	VARCHAR(50)	<input type="text"/>
EMP_UDF6	VARCHAR(50)	<input type="text"/>
EMP_UDF7	VARCHAR(50)	<input type="text"/>
EMP_UDF8	TIMESTAMP(8)	<input type="text"/>
EMP_UDF9	VARCHAR(50)	<input type="text"/>
EMP_UDF10	TIMESTAMP(8)	<input type="text"/>
SUPER_FUND_NO	VARCHAR(20)	<input type="text"/>
SUPER_FUND_NAME	VARCHAR(50)	<input type="text"/>
CREATE_DATE	TIMESTAMP(8)	<input type="text"/>
CREATE_BY	VARCHAR(10)	<input type="text"/>
INDUCTION_FORM_NO	VARCHAR(8)	<input type="text"/>
KIT_ID	VARCHAR(30)	<input type="text"/>
UPDATE_DATE	TIMESTAMP(8)	<input type="text"/>
UPDATE_BY	VARCHAR(10)	<input type="text"/>
GENDER	CHAR(1)	<input type="text"/>
COMPULSORY_SKILL	CHAR(1)	<input type="text"/>
UNION_MEMBERSHIP	VARCHAR(40)	<input type="text"/>
UNION_MEMBERSHIP_NO	VARCHAR(20)	<input type="text"/>
NOTES	VARCHAR(255)	<input type="text"/>

SAVE**CANCEL****FIRST****PREV.****NEXT****LAST**



Employee - EMPLOYEE_IMAGE

The **EMPLOYEE_IMAGE** table stores images of Employees for purposes of printing Identification Badges or displaying at Security Control for validation purposes.

Used with TIME*MINDER module only.

EMPLOYEE_IMAGE

SEARCH :

IMAGE_ID	IMAGE_CAPTURED
IMAGE_TYPE	PERSON_ID
IMAGE_FORMAT	IMAGE_SOURCE
IMAGE_TITLE	CREATE_DATE
CREATE_BY	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page :

<input type="checkbox"/>	'IMAGE_ID'	IMAGE_CAPTURED	IMAGE_TYPE	PERSON_ID	IMAGE_FORMAT
--------------------------	------------	----------------	------------	-----------	--------------

Total 0 records. Show from 1 to 0

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

IMAGE_ID	INTEGER(4)
IMAGE_CAPTURED	BLOB(8)
IMAGE_TYPE	CHAR(2)
PERSON_ID	VARCHAR(10)
IMAGE_FORMAT	VARCHAR(4)
IMAGE_SOURCE	VARCHAR(50)
IMAGE_TITLE	VARCHAR(50)
CREATE_DATE	TIMESTAMP(8)
CREATE_BY	VARCHAR(10)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Employee - EMPLOYEE_ISSUE

The ‘EMPLOYEE_ISSUE’ Table is used to setup and maintain Employee entitlements with regards to Personal Protection Equipment (PPE) e.g. Clothing, Tools and Safety items which are supplied as Kits.

These Employee Issue Kits are only available for following ‘Employee Types’:

- ‘EW’ - Employee - Wage
- ‘ES’ - Employee - Salary, and
- ‘CT’ - Contractor.

The EMPLOYEE_ISSUE Master Data table is generally used for TIME*MINDER variant of the v4 MINDER System and must be configured by B&DCS.

Select the **ADD** to add a new Employee Issue details:

- Enter a valid **EMPLOYEE_TYPE** CODE (max. 2 chars) using either ‘EW’, ‘ES’, or ‘CT’.
- Enter a Valid **KIT_ID** for the required Kit. (See ‘KIT’ in the PRODUCT PROFILE Menu).

EMPLOYEE_ISSUE
SEARCH :

EMPLOYEE_TYPE	KIT_ID		
SEARCH	CLEAR	ADD	DELETE

Selected: 0

View By : 15 Page :

	*EMPLOYEE_TYPE	*KIT_ID
Total 0 records. Show from 1 to 0		

REPORT: CSV

SAVE	CANCEL	FIRST	PREV	NEXT	LAST
EMPLOYEE_TYPE		CHAR(2)			
KIT_ID		VARCHAR(30)			
SAVE	CANCEL	FIRST	PREV	NEXT	LAST



Employee - OCCUPATION

The Master Data - **OCCUPATION** screen is used to add, modify or delete the Employee and Contractor Occupation Description and Codes.

The Occupation Master Data table is generally used for TIME*MINDER variant of the v4 MINDER System.

This Module must be configured by B&DCS.

Select the **ADD** to add a new **OCCUPATION** Details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 30 Characters.
- Enter **DESCRIPTION** (max. 50 characters)
- CREATED_BY** (max 10 must be from PERSON Table). Note: this field is only completed from Import File
- Enter **CREATED_DATE** (Uses a popup Date Picker.)

OCCUPATION
SEARCH :

OCCUPATION_ID	DESCRIPTION
CREATED_BY	CREATED_DATE

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	*OCCUPATION_ID	DESCRIPTION	CREATED_BY	CREATED_DATE
<input type="checkbox"/>	4WD Instructor	4WD Instructor		
<input type="checkbox"/>	Accountant	Accountant		
<input type="checkbox"/>	Accounts	Accounts		
<input type="checkbox"/>	Acoustic Consultant	Acoustic Consultant		
<input type="checkbox"/>	Acoustic Engineer	Acoustic Engineer		

Total 662 records. Show from 1 to 5

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

OCCUPATION_ID	VARCHAR(30)
DESCRIPTION	VARCHAR(50)
CREATED_BY	VARCHAR(10)
CREATED_DATE	TIMESTAMP(8)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



Employee - SKILL

The Master Data - **SKILL** screen is used to add, modify or delete the Employee and Contractor Skill Descriptions and Codes.

The Skills Master Data table is generally used for TIME*MINDER variant of the v4 MINDER System.

This Module must be configured by B&DCS.

Select the **ADD** to add a new **SKILL**

Details:

- Enter a **CODE** value which must be unique and use only UPPERCASE Characters. Maximum 10 Characters.
- Enter **DESCRIPTION** (max. 50 characters)
- Enter **SKILL_TYPE** (max. 2 chars.)
- Enter **PUBLISH** (max. 1 char.)
- Enter **CREATED_DATE** (Uses a popup Date Picker.)
- Enter **CREATED_BY** (User_id.)
- Enter **COMPULSORY_SKILL** (Max. 1 char. 'T' or 'F'.)

SKILL SEARCH :

CODE	DESCRIPTION
SKILL_TYPE	PUBLISH
CREATED_DATE	CREATED_BY
COMPULSORY_SKILL	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page :

<input type="checkbox"/>	*CODE	DESCRIPTION	SKILL_TYPE	PUBLISH	CREATED_DATE
Total 0 records. Show from 1 to 0					

REPORT: CSV

SAVE	CANCEL	FIRST	PREV.	NEXT	LAST
CODE	VARCHAR(10)				
DESCRIPTION	VARCHAR(50)				
SKILL_TYPE	CHAR(2)				
PUBLISH	CHAR(1)				
CREATED_DATE	TIMESTAMP(8)				
CREATED_BY	VARCHAR(10)				
COMPULSORY_SKILL	CHAR(1)				

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



System Tables

The System Tables are generally setup by B&DCS during installation.

Any changes made to the following Tables are not covered by B&DCS Minder System Maintenance & Support Contract in the event that the Minder System is reported as not performing correctly and any rectification by B&DCS will be charged to the Minder User:

- ARCHIVE_LAYOUT
- CONTROL
- PARAM
- SYS_MOVES
- USER_ENV.

The remainder still need to be handled carefully.

System Tables	
ARCHIVING (ARCHIVE_LAYOUT)	Controls which Tables and their Archiving frequency
CONTROL	Holds Site wide Settings and Methods
DATA IDENTIFIERS (PARAM)	Defines Data Identifiers with Barcode Scanning.
GLOBAL_CONDITIONS	Defines Condition Descriptions
OPTIONS	Defines most Drop-down Lists
SSN OTHER TITLES (SSN_GROUP)	Defines SSN Description Field Titles (except 6 to 10).
SSN DESCRIPTION (DESCRIPTION_LAYOUT)	Defines SSN_DESCRIPTION construction
SYS_EQUIP	Defines Equipment details e.g. Type, IP Address, etc.
SYS_HH	Configures FTP paths for Hand Holds with Batch Files
SYS_MOVES	Defines Transfer Processes - allowed and not allowed
SYS_LABEL	Defines Native Label Printer and Format Commands
SYS_LABEL_VAR	Defines Placeholders & expressions of these
PRINT_REQUESTS	Details of Label Print Requests - can use for Reprinting
PRINT_REQUESTS_ARCHIVE	Archived Label Print Requests
LOCATION	Profile of all Locations inside Warehouses
LOCATION_RANGE	Used to create or update series of Location Profiles
WAREHOUSE	Profile of all System Warehouses - (Repositories)

- Controls which Tables and their Archiving frequency
- Holds Site wide Settings and Methods
- Defines Data Identifiers with Barcode Scanning.
- Defines Condition Descriptions
- Defines most Drop-down Lists
- Defines SSN Description Field Titles (except 6 to 10).
- Defines SSN_DESCRIPTION construction
- Defines Equipment details e.g. Type, IP Address, etc.
- Configures FTP paths for Hand Holds with Batch Files
- Defines Transfer Processes - allowed and not allowed
- Defines Native Label Printer and Format Commands
- Defines Placeholders & expressions of these
- Details of Label Print Requests - can use for Reprinting
- Archived Label Print Requests
- Profile of all Locations inside Warehouses
- Used to create or update series of Location Profiles
- Profile of all System Warehouses - (Repositories)



System - ARCHIVE_LAYOUT

The **ARCHIVE_LAYOUT** screen is used to set up which Tables will be archived, the archive method and number of days before data is archived.

Archiving is performed by a Python script (not a PHP screen) - ‘archivetrans.py’

This table should only be changed by B&DCS or after discussions with B&DCS.

'AR' = Take All records,
'DT' = Date based Archiving,
'DQ' = Uses Date Field plus SQL
ARCHIVE QUERY (see below).

'AR' = Perform Archiving of records,
'RM' = Remove old data records,
'CM' = Commented out from current-

'IN' = Perform removal of records during an installation of new system where
ARCHIVE_METHOD = '**DT**' or '**DQ**',
'TS' = Used for testing of records but no updated occur.

Diagram illustrating the relationship between the 'ARCHIVE_TABLE' row (highlighted in green) and the 'TRANSACTIONS_ARCHIVE' table (highlighted in yellow).

The 'ARCHIVE_TABLE' row contains the following data:

	'SEQUENCE'	'ARCHIVE_TABLE'	'ARCHIVE_FIELD'	'ARCHIVE_METHOD'	'ARCHIVE_STATUS'	'ARCHIVE_QUERY'	'ARCHIVE_DAYS'
1	LOG			AR	RM		
2	PICK_ORDER_ITEM_TEMP			AR	RM		
3	PURCHASE_ORDER_LINE_TEMP			AR	RM		
4	PICK_QUEUE			AR	CM		
10	PICK_FORM	CREATE_DATE		DT	CM		720
12	PACK_ID	CREATE_DATE		DT	IN		720
14	PICK_DESPATCH	CREATE_DATE		DT	IN		720
16	PICK_ITEM_CANCEL	CREATE_DATE		DT	IN		720
18	PICK_ITEM_DETAIL	CREATE_DATE		DT	IN		720
20	PICK_ITEM	CREATE_DATE		DT	IN		720
22	PICK_ORDER	APPROVED_DESP_DATE		DT	IN		720
24	PICK_ITEM_LINE_NO	LAST_UPDATE_DATE		DT	IN		720
28	TRANSACTIONS_ARCHIVE	TRN_DATE		DT	CM		720
100	ISSN	LAST_UPDATE_DATE		DQ	CM	wh_id starting 'X'	720
110	SSN	LAST_UPDATE_DATE		DQ	CM	(not exists (select issn.ssn_id from issn where issn.original_ssn = ssn.ssn_id)) and ssn.wh_id starting 'X'	720
112	TRANSACTIONS_ARCHIVE						

The 'TRANSACTIONS_ARCHIVE' table structure is as follows:

SEQUENCE	INTEGER(4)	28	Archive Processing Sequence Number
ARCHIVE_TABLE	VARCHAR(40)	TRANSACTIONS_ARCHIVE	Table Name to be Archived
ARCHIVE_FIELD	VARCHAR(40)	TRN_DATE	Field Name used for Age Calculation
ARCHIVE_METHOD	CHAR(2)	DT	
ARCHIVE_STATUS	CHAR(2)	CM	
ARCHIVE_QUERY	VARCHAR(1024)		Optional SQL Query used for Archiving
ARCHIVE_DAYS	INTEGER(4)	720	Age (days) before Archiving

Buttons at the bottom:

- SAVE
- CANCEL
- FIRST
- PREV.
- NEXT
- LAST



System - CONTROL

The **CONTROL** table holds important System wide Configuration and Default settings.

This Table should not be altered without first discussing with B&DCS.

Any changes made without prior discussion and agreement may render incorrect operation of your Minder System.

There are currently 137 fields in the CONTROL table but this may change with any future Minder Release.

The '**DB_VERSION**' holds the Date (DDMMYY) of the Database version your system is running.

CONTROL SEARCH :	LAST_BC_NUMBER	COMPANY_NAME2
RECORD_ID		
COMPANY_NAME1		
SYSTEM_DATE		WORK_DATE
EOY_DATE		WORK_YEAR
ACCOUNTING_PERIODS		LAST_PURCHASE_ORDER
LAST_SSN_ID		AUTO_ALOC_PURCHASE_ORDER
AUTO_ALOC_SSN		SSN_REC_ID
OBJECT_REC_ID		DB_VERSION
LAST_LOAD_NO		DEFAULT_TRANS_REFERENCE

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	RECORD_ID	LAST_BC_NUMBER	COMPANY_NAME1	COMPANY_NAME2	SYSTEM_DATE
<input type="checkbox"/>	1		Alstom Power		1970-01-01 10:00:00

Total 1 records. Show from 1 to 1

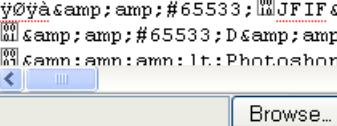
REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

RECORD_ID	INTEGER(4)	1
LAST_BC_NUMBER	INTEGER(4)	
COMPANY_NAME1	VARCHAR(50)	Alstom Power
COMPANY_NAME2	VARCHAR(50)	
SYSTEM_DATE	TIMESTAMP(8)	1970-01-01 10:00:00
WORK_DATE	TIMESTAMP(8)	2008-03-31 00:00:00
EOY_DATE	TIMESTAMP(8)	2008-06-30 00:00:00
WORK_YEAR	INTEGER(4)	
ACCOUNTING_PERIODS	INTEGER(4)	12
LAST_PURCHASE_ORDER	INTEGER(4)	
LAST_SSN_ID	INTEGER(4)	
AUTO_ALOC_PURCHASE_ORDER	CHAR(1)	
AUTO_ALOC_SSN	CHAR(1)	
SSN_REC_ID	INTEGER(4)	
OBJECT_REC_ID	INTEGER(4)	
DB_VERSION	CHAR(10)	190209



SYSTEM - CONTROL - Fields 1

LAST_LOAD_NO	INTEGER(4)	3	
DEFAULT_TRANS_REFERENCE	VARCHAR(40)		
MAN_TYPE	CHAR(1)		
MAN_GENERIC	CHAR(1)		
MAN_BRAND	CHAR(1)	T	
MAN_MODEL	CHAR(1)	T	
MAN_COST_CENTER	CHAR(1)	T	
MAN_SERIAL_NUMBER	CHAR(1)	T	
COMPANY_LOGO	BLOB(8)	 Browse...	
HANDHELD_GENERIC_CODE	VARCHAR(40)	HANDHELD	
USER_DEFINED_1_LEGACY_CODE	CHAR(2)		
USER_DEFINED_2_LEGACY_CODE	CHAR(2)		
USER_DEFINED_3_LEGACY_CODE	CHAR(2)		
PRINTER_GENERIC_CODE	VARCHAR(40)		
PICK_ALLOCATE_QTY	INTEGER(4)	1	
FTP_DIRECTORY	VARCHAR(75)	/sysdata/iis/default/ftproot/	
LOAD_PREFIX	CHAR(3)	FPG	
PICK_IMPORT_SSN_STATUS	VARCHAR(40)	.PAST.	
FORM_NO_PREFIX	VARCHAR(8)	IF	
EMPLOYEE_FTP_DIRECTORY	VARCHAR(80)	/sysdata/iis/default/ftproot/export_e	
LOAN_PERIOD_NO_1	INTEGER(4)	5	
LOAN_PERIOD_NO_2	INTEGER(4)	7	
NEW_SSN_STATUS	CHAR(2)	ST	
DEFAULT_WARRANTY	VARCHAR(50)		
PICK_RESERVED_SSN_STATUS	VARCHAR(40)	.RS,AL,OP,PG,PL,DS,DC,DL,DI,DI,	
DEFAULT_DESPATCH_PRINTER	CHAR(2)	PA	
PICK_WIP_ORDER_METHOD	CHAR(4)	ADP	
DEFAULT_PICK_PRIORITY	SMALLINT(2)	9	
PICK_WIP_ITEM_PRELOCN_METHOD	CHAR(4)		
PICK_WIP_ITEM_POSTLOCN_METHOD	CHAR(4)	TYPE	
ALLOW_SSN_SUBSTITUTE_DEFAULT	CHAR(1)		
COMPANY_ID	VARCHAR(20)	FPGIMPORTS	
DEFAULT_WH_ID	CHAR(2)	FX	
DEFAULT_PRICE	FLOAT(4)		
LICENSE_NO	VARCHAR(40)	BDCS 20 User License	
NEW_PROD_STATUS	CHAR(2)	ST	
DEFAULT_CONNOTE_PACK	CHAR(1)	P	
ASSEMBLE_DESPATCH	CHAR(1)	T	
ORDER_UPDATE	VARCHAR(255)	ISO=FITO=FPO=F	
DEFAULT_CONNOTE_WEIGHT	INTEGER(4)	1	
DEFAULT_CONNOTE_QTY_LABELS	INTEGER(4)	0	
MAX_PICK_ORDERS	INTEGER(4)	20	
MAX_PICK_PRODUCTS	INTEGER(4)	40	
DEFAULT_DESPATCH_LOCATION	VARCHAR(10)	FXDDFS0000	
DEFAULT_PICK_PRINTER	CHAR(2)	PA	
DEFAULT_TERM	VARCHAR(20)	NetSuite	
DEFAULT_PAYMENT_METHOD	VARCHAR(20)	NetSuite	
DEFAULT_CARRIER_ID	VARCHAR(10)	FPGDELIVER	
MOVEMENT_TRANS	VARCHAR(255)	,GRNV,ISIL,ISIZ,PKOL,TROL,TRIL,]	
DEFAULT_PROD_TYPE	VARCHAR(50)	Product-Saleable Stock	
DEFAULT_RECEIVE_WEIGHTS	CHAR(1)	F	
DEFAULT_AUTO_DSDX	CHAR(1)	F	
DEFAULT_DESPATCH_LOC_ORD	CHAR(1)		
LEGACY_NAME	VARCHAR(40)	WIZARD	
LEGACY_NAME2	VARCHAR(40)		
PICK_METHOD	VARCHAR(40)	.PO4.....	
DEFAULT_CONNOTE_PACK_QTY	INTEGER(4)	1	
TEST_FAIL_STATUS	CHAR(2)	TS	
PUTAWAY_METHOD	VARCHAR(40)	.ISSN,	



SYSTEM - CONTROL - Fields 2

TEST_FROM_ALLOWED_SSN_STATUS	VARCHAR(40)	TS,IN,PA,ST,RC,
PICK_UNPICKED_ITEM_STATUS	VARCHAR(40)	OP,CF,AL
SEND_UCIS_V4	CHAR(1)	F
SEND_UASL_V4	CHAR(1)	T
NEW_LABEL_LOCN_ID	VARCHAR(10)	NEWLABEL
LEGACY_URL	VARCHAR(100)	
LEGACY_URL2	VARCHAR(100)	
SEND_DSDX	CHAR(1)	F
ACTIVITY_TRANS	VARCHAR(255)	DSDX,GRNV,TROL,TRIL,TRLI,TRI
DEFAULT_ISSUE_FROM_LOCATION	VARCHAR(10)	FXRC000001
PICK_CANCEL_SSN_STATUS	CHAR(2)	ST
IMPORT_SSN_AUTO_UPDATE	CHAR(1)	T
EXPORT_TRIL_W	CHAR(1)	T
EXPORT_PUTAWAY_PRINTER	CHAR(2)	PG
ARCHIVE_WH_ID	CHAR(2)	ZA
LAST_MIRROR_DATE	TIMESTAMP(8)	1970-01-01 10:00:00
ALLOW_UNPICK_IN_PICK_CANCEL	CHAR(1)	T
WARN_PICK_PRIORITY	INTEGER(4)	10
DEFAULT_WEIGHT_UNDER	SMALLINT(2)	5
DEFAULT_WEIGHT_OVER	SMALLINT(2)	6
DEFAULT_PROD_STOCK	CHAR(1)	2
PROD_STOCK_OK	VARCHAR(40)	J,
DEFAULT_GST_RATE	DOUBLE PRECISION(8)	10
MAX_PICK_LINES	INTEGER(4)	50
PALLET_BASE_PROD_TYPE	CHAR(2)	CB
PICK_ORDER_MAX_WEIGHT	NUMERIC(9,2)(4)	15.00
PICK_IMPORT_CALC_ZONE_LOCN	CHAR(1)	T
SEND_SO_CANCEL	CHAR(1)	F
EXPORT_SO_HELD_PRINTER	CHAR(2)	PI
EXPORT_SO_CANCEL_PRINTER	CHAR(2)	PJ

ALLOW_HANDHELD_SSN_NOTES	CHAR(1)	T
EXPORT_DESPATCH	CHAR(1)	F
EXPORT_DESPATCH_PRINTER	CHAR(2)	PG
CHECK_APPROVED_LINES	CHAR(1)	
SEND_PKUA	CHAR(1)	F
TRANSFER_PROD_TO_METHOD	VARCHAR(40)	PRODLOCN
REPLENISH_METHOD	VARCHAR(40)	...
PICK_ORDER_WEIGHT_CALC	CHAR(1)	F
SSN_ID_BY_LOT_LINE	CHAR(1)	T
OLD_PICK_METHOD	VARCHAR(40)	,PO4.....
GENERATE_SSN_METHOD	VARCHAR(25)	CMP=2 GRN=6 LINE=2 SFX=2
IMPORTED_ORDERS	VARCHAR(40)	
DEFAULT_RECEIVE_PRINTER	CHAR(2)	PA
GENERATE_LABEL_TEXT	CHAR(1)	F
DEFAULT_GRN_LABELS	INTEGER(4)	0
SEND_AUOB	CHAR(1)	F
STOCK_ADJUST_CONFIRM	CHAR(1)	T
RETURN_GENERATES_CREDIT	CHAR(1)	T
ADD_ISSN_PREFIX	CHAR(1)	F
RECEIVE_METHOD	VARCHAR(50)	,po,wo,tr,ra,LP,Id,Id-del,Id-ver,LP-TF
DEFAULT_PURCHASE_STATUS	VARCHAR(40)	OP
PICK_DETAIL_DSDX_STATUS	VARCHAR(40)	DL
DEFAULT_PURCHASE_TYPE	VARCHAR(40)	PO
STOCKTAKE_METHOD	VARCHAR(75)	,ssn,prod,adjprod,adjssn,addkit,exp
LEGACY_DB_ACCOUNT	VARCHAR(40)	
SSN_EQ_ISSN_NO	CHAR(1)	
CONFIRM_WITH_NO_PROD	CHAR(1)	F
LEGACY_TRYS	INTEGER(4)	20
PICK_ORDER_METHOD	VARCHAR(40)	
PICK_CANCEL_PK_STATUS	VARCHAR(40)	,PG,PL,
PO_RECEIVE_BY_1_USER	CHAR(1)	F
LABEL_FIELD_WRAPPER	CHAR(1)	%

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



System - DATA IDENTIFIERS (PARAM)

The Data Identifier Profiles (**PARAM** Table) are used by the MINDER Series data capture devices to determine whether the Barcoded input is valid or to determine what is the Type of input data.

If your Minder System operates the Over-the-Counter for Tools and Consumables issues then this Table must be setup to match the attached Keyboard Wedge Barcode Scanner Symbology Prefixes.

It is strongly recommend leaving this Profile to B&DCS to setup during commissioning.

B&DCS uses the AIM Standard for Barcode Symbology Identifiers (Prefixes). This consists of the format:] c m
where

-]- Symbology Identifier Indicator
- c - Symbology Identification
- m - Modifier characters.

Examples used by Minder System include:

]A0 - Code 39, no check character

]C0 - Code 128, standard

]C1 - Code 128, Function Code 1st character

]C2 - Code 128, Function Code 2nd character

]G0 - Code 93

]E0 - EAN/UPC

PARAM
SEARCH :

DATA_ID	MAX_LENGTH
DATA_TYPE	FIXED_LENGTH
SYMBOLITY_PREFIX	DATA_EXPRESSION
MENU_NAME	TABLE_NAME
FIELD_NAME	MENU_URL
GLOBAL_SEARCH	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 10 Page : 1

	*DATA_ID	MAX_LENGTH	DATA_TYPE	FIXED_LENGTH	SYMBOLITY_PREFIX
<input type="checkbox"/>	ALT_BARCODE	8	1	T]C0;;
<input type="checkbox"/>	ALT_PROD_INTERNAL	5	1	F	::
<input type="checkbox"/>	BADGE_CODE	8	7	F]A[04];
<input type="checkbox"/>	BARCODE	12	1	T]C0;;
<input type="checkbox"/>	BARCODE_SSCC	18	1	T	00;
<input type="checkbox"/>	COST_CENTRE_CODE	10	5	F]C0;/5
<input type="checkbox"/>	DESCRIPTION	40	4	F	
<input type="checkbox"/>	DESPATCHADDRESS	6	1	T]C0;;
<input type="checkbox"/>	DEVICE	2	2	T]A0#/#;
<input type="checkbox"/>	GRN	4	1	T	:

Total 33 records. Show from 1 to 10

REPORT: CSV



DATA IDENTIFIERS - Add/Edit

Add/Edit PARAM.

DATA_ID - Data Input Name - max 20 Alphanumeric characters.

These Names are part of the software coded into Minder screens and must be correct.

MAX_LENGTH - Maximum number of characters in Barcode for the particular DATA_ID.

DATA_TYPE - Defines allowed character types- Numeric, Alpha, or Alphanumeric.

FIXED_LENGTH - If = 'T' means Input Data has fixed length.

SYMBOLITY_PREFIX - Uses AIM Barcode Symbology Prefix which is transmitted by Barcode Scanners configured to transmit these. e.g. the following are often used by Minder Series:

'J A0' = Code 39 AIM Symbology.

'J E0' = EAN13 AIM Symbology.

'J C0' = Code 128 AIM Symbology.

'J G0' = Code 93 AIM Symbology.

'J I0' = Interleaved 2 of 5 AIM Symbology.

Note: Some Symbology Prefixes are added and used where the Scanners cannot send a Symbology Prefix. e.g. '/T' which is used by the MINDER Product ID Barcode when printed on Menu Sheets.

All Prefixes once validated by the PARAM table will be discarded and not used by the applications.

Welcome glenn Connected to minder CI Logout About	
Input: J C0[glenn]gn	
SAVE	CANCEL
FIRST	PREV.
NEXT	LAST
DATA_ID	VARCHAR(20)
MAX_LENGTH	INTEGER(4)
DATA_TYPE	CHAR(1)
FIXED_LENGTH	CHAR(1)
SYMBOLITY_PREFIX	VARCHAR(20)
DATA_EXPRESSION	VARCHAR(20)
MENU_NAME	VARCHAR(40)
TABLE_NAME	VARCHAR(40)
FIELD_NAME	VARCHAR(40)
MENU_URL	VARCHAR(255)
GLOBAL_SEARCH	CHAR(1)

DATA_EXPRESSION - Uses Regular Expressions (REGEX) to validate the Data portion (after Prefix removed).

MENU_NAME - Used to direct which screen to open once input Data has been validated.

TABLE_NAME

FIELD_NAME

Not yet implemented

MENU_URL

GLOBAL_SEARCH



System - GLOBAL USER DEFINED FIELDS (GLOBAL_CONDITIONS)

Each SSN has 'OTHERx' fields where x = '1' to '22'.

The first four 'OTHERx' fields ('OTHER1' to 'OTHER4') are generally reserved for the following uses and it is strongly recommend retaining these:

- **SSN.OTHER1** - Used to describe an Object's 'Appearance' Condition.
- **SSN.OTHER2** - Used to describe an Object's 'Operating' Condition.
- **SSN.OTHER3** - Used to describe an Object's 'Completeness' Condition.
- **SSN.OTHER4** - Used to describe an Object's 'Servicing' Needs/Condition.
- **SSN.OTHER5** - This field is not normally used as a Condition but is available if required.

The **GLOBAL_CONDITIONS** Table provides the dropdown options for the above OTHERx.

'**OTHER_NO**' - used to match with SSN.OTHERx Field.

'**DESCRIPTION**' - Dropdown list display **WHERE RESULT IN {P, F}**. Screens should not display other RESULTS.

'**RESULT**' - If SSN has been Testing and passes then the '**DESCRIPTION**' is updated into **SSN.OTHERx** where '**RESULT**' = 'P'.

If the Object fails Testing the '**DESCRIPTION**' is updated into **SSN.OTHERx** where '**RESULT**' = 'F'.

GLOBAL_CONDITIONS				
SEARCH :				
OTHER_NO			DESCRIPTION	
RESULT			MATCH_OPERATOR	
LEGACY_CODE				
SEARCH CLEAR ADD DELETE				
Selected: 0				
View By : 15 Page : 1				
<input type="checkbox"/> 'OTHER_NO'	'DESCRIPTION'	RESULT	MATCH_OPERATOR	
<input type="checkbox"/> 1	NEAR NEW CONDITION	P		
<input type="checkbox"/> 1	NOT NEW CONDITION	F		
<input type="checkbox"/> 2	DAMAGE	C	ANY	
<input type="checkbox"/> 2	FAULTY	C	START	
<input type="checkbox"/> 2	NOT-TESTED	C	EQUAL	
<input type="checkbox"/> 2	TESTED - FAULTY	F		
<input type="checkbox"/> 2	TESTED - OK	P		
<input type="checkbox"/> 2	TESTED FAULTY	C	EQUAL	
<input type="checkbox"/> 2	TESTED-FAULTY	C	EQUAL	
<input type="checkbox"/> 3	COMPLETE	P		
<input type="checkbox"/> 3	DAMAGED	C	START	
<input type="checkbox"/> 3	INCOMPLETE	F		
<input type="checkbox"/> 3	MISSING	C	START	
<input type="checkbox"/> 4	NO SERVICE	P		
<input type="checkbox"/> 4	SERVICE PROVIDED	F		

Total 22 records. Show from 1 to 15

REPORT: CSV



GLOBAL USER DEFINED FIELDS - Add/Edit

Select or enter '**OTHER_NO**' to match the SSN's '**OTHERx**' field where 'x' ranges from '1' to '4' (but can be '5').

Enter the '**DESCRIPTION**' you require on Reports including the '**SSN_DESCRIPTION**' (see **SSN DESCRIPTION**) should the **DESCRIPTION_LAYOUT** be configured to use these fields.

The '**RESULT**' must be either:
'P' to match Testing Result = Pass,
'F' to match Testing Result = Fail,
'C' to match/compare imported Test Result Descriptions.

'**MATCH_OPERATOR**' is used by the scripting tools (usually written in Python by B&DCS) when importing external Object Test Results.

'**MATCH_OPERATOR**' = '**START**' means Imported Description Starts with the **DESCRIPTION** value e.g. 'MISSING'.

Ignore '**LEGACY_CODE**' - not supported in Version 5+.

It is strongly recommended that these records are only changed by B&DCS.

SAVE	CANCEL	FIRST	PREV.	NEXT	LAST															
		OTHER_NO	INTEGER(4)	1																
		DESCRIPTION	VARCHAR(30)	NEAR NEW CONDITION																
		RESULT	CHAR(1)	P																
		MATCH_OPERATOR	VARCHAR(5)																	
		LEGACY_CODE	CHAR(4)	N																
SAVE	CANCEL	FIRST	PREV.	NEXT	LAST															
<table border="1"><tr><td><input type="checkbox"/></td><td>3</td><td>MISSING</td><td>C</td><td>START</td></tr><tr><td><input type="checkbox"/></td><td>4</td><td>NO SERVICE</td><td>P</td><td></td></tr><tr><td><input type="checkbox"/></td><td>4</td><td>SERVICE PROVIDED</td><td>F</td><td></td></tr></table>						<input type="checkbox"/>	3	MISSING	C	START	<input type="checkbox"/>	4	NO SERVICE	P		<input type="checkbox"/>	4	SERVICE PROVIDED	F	
<input type="checkbox"/>	3	MISSING	C	START																
<input type="checkbox"/>	4	NO SERVICE	P																	
<input type="checkbox"/>	4	SERVICE PROVIDED	F																	
Total 22 records. Show from 1 to 15																				
REPORT: CSV																				
SAVE	CANCEL	FIRST	PREV.	NEXT	LAST															
		OTHER_NO	INTEGER(4)	3																
		DESCRIPTION	VARCHAR(30)	MISSING																
		RESULT	CHAR(1)	C																
		MATCH_OPERATOR	VARCHAR(5)	START																
		LEGACY_CODE	CHAR(4)																	
SAVE	CANCEL	FIRST	PREV.	NEXT	LAST															



System - OPTIONS

The **OPTIONS** Table is used mostly to populate Drop down Lists throughout Minder screens.

- ‘**GROUP_CODE**’ is used by the Minder screens to search for all **OPTIONS** Records with same value and use to present in a dropdown list. Max 10 characters.
- ‘**CODE**’ is generally the value to be stored in a database table after the User makes their selection.
- ‘**DESCRIPTION**’ is generally used as the dropdown list display details.

Using example from screen shown right:

GROUP_CODE = ‘ADDR_STATU’,
 CODE = ‘CU’, DESCRIPTION = ‘Current Address’
 CODE = ‘OB’, DESCRIPTION = ‘Obsolete/Old Address’.

Here is part of the Contact Address Edit screen with the Address Status dropdown list showing available options from the

OPTIONS Table:

Address Status:	Current Address (CU)
Created Date:	Current Address (CU)
Create By:	Obsolete/Old Address (OB)

The following example from the OPTIONS table is not used for dropdown lists but shows how Label Print Filenames are constructed every time a new Label is printed:

LABEL_FILE	DEFAULT	%PRNTYPE%_%PRNMESSEGEID%.prn
LABEL_FILE	ISSN	%ISSN%_%PRNTYPE%_%PRNMESSEGEID%.prn

OPTIONS SEARCH :			
GROUP_CODE	CODE		
DESCRIPTION			
<input type="button" value="SEARCH"/> <input type="button" value="CLEAR"/> <input type="button" value="ADD"/> <input type="button" value="DELETE"/>			
Selected: 0			
View By : 15		Page : 1	
	'GROUP_CODE'	'CODE'	DESCRIPTION
<input type="checkbox"/>	ADDR_STATU	CU	Current Address
<input type="checkbox"/>	ADDR_STATU	OB	Obsolete/Old Address
<input type="checkbox"/>	ADDR_TYPE	DT	Deliver To Address
<input type="checkbox"/>	ADDR_TYPE	MT	Mail To Address
<input type="checkbox"/>	ADDR_TYPE	OF	Office Address
<input type="checkbox"/>	AUDIT_ISSN	F	Found during Audit
<input type="checkbox"/>	AUDIT_ISSN	M	Missing Object
<input type="checkbox"/>	AUDIT_ISSN	N	Found in New Location during Audit
<input type="checkbox"/>	AUD_ACTION	AV	Apply Variance Pending
<input type="checkbox"/>	AUD_ACTION	IG	Ignore Result, No Pending Action
<input type="checkbox"/>	AUD_ACTION	IR	Ignore Result, Recounted, No Pending Action
<input type="checkbox"/>	AUD_ACTION	PA	Pending Archive
<input type="checkbox"/>	AUD_ACTION	RC	Recount Required
<input type="checkbox"/>	AUD_STATUS	CC	Correct Count, Correct Location
<input type="checkbox"/>	AUD_STATUS	CL	Correct Count, New Location

Total 308 records. Show from 1 to 15

REPORT: CSV					
<input type="button" value="SAVE"/>	<input type="button" value="CANCEL"/>	<input type="button" value="FIRST"/>	<input type="button" value="PREV."/>	<input type="button" value="NEXT"/>	<input type="button" value="LAST"/>
GROUP_CODE		VARCHAR(10)	ADDR_STATU		
CODE		VARCHAR(40)	CU		
DESCRIPTION		VARCHAR(50)	Current Address		



System - SSN OTHER Field Titles (SSN_GROUP)

The 'SSN_GROUP' Table is used to enable User Defined handling of the SSN.OTHERx fields.

Field Titles can be added and displayed in the SSN Edit and other screens.

SSN OTHERx fields can be made to appear as dropdown lists.

Currently B&DCS only recommends using one SSN_GROUP record but a future release is planned to support multiple SSN personnas.

'SSN_GROUP' = 'DEFAULT' - Mandatory - do not change.

'DESCRIPTION' - 'User Defined' - Mandatory - do not change.

'FIELD1' to 'FIELD5' - reserved for SSN Condition Field Titles.

These can be changed but be very careful.

SSN_GROUP		SEARCH :	DESCRIPTION	
SSN_GROUP				
FIELD1			FIELD2	
FIELD3			FIELD4	
FIELD5			FIELD6	
FIELD7			FIELD8	
FIELD9			FIELD10	
FIELD11			FIELD12	
FIELD13			FIELD14	
FIELD15			FIELD16	
DD_OTHER1			DD_OTHER2	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	'SSN_GROUP'	DESCRIPTION	FIELD1	FIELD2	FIELD3
<input type="checkbox"/>	DEFAULT	User Defined	Appearance-External	Composition-Internal	Packaging

Total 1 records. Show from 1 to 1

REPORT: CSV

SSN_GROUP	VARCHAR(20)	DEFAULT
DESCRIPTION	VARCHAR(50)	User Defined
FIELD1	VARCHAR(30)	Appearance-External
FIELD2	VARCHAR(30)	Composition-Internal
FIELD3	VARCHAR(30)	Packaging
FIELD4	VARCHAR(30)	Services Provided
FIELD5	VARCHAR(30)	Other-5



SSN_GROUP - Add/Edit 1

'FIELD6' to 'FIELD10' - These are ignored as they apply to SSN.OTHER6 to SSN.OTHER10 Field Titles and these Field Titles are determined by each SSN_TYPE values. See SSN_TYPE (Type I) for details.

The fields 'DD_OTHER1' to 'DD_OTHER20' are used to indicate if the displayed = Dropdown List then

DD_OTHERx = 'TRUE' or

If required input to be a single value User input field then

DD_OTHERx = 'FALSE'.

FIELD5	VARCHAR(30)	Other-5
FIELD6	VARCHAR(30)	Other 6
FIELD7	VARCHAR(30)	Other 7
FIELD8	VARCHAR(30)	Other 8
FIELD9	VARCHAR(30)	Other 9
FIELD10	VARCHAR(30)	Other 10
FIELD11	VARCHAR(30)	Other 11
FIELD12	VARCHAR(30)	Other 12 Title
FIELD13	VARCHAR(30)	Other 13 Title
FIELD14	VARCHAR(30)	Other 14 Title
FIELD15	VARCHAR(30)	Other 15 Title
FIELD16	VARCHAR(30)	Other 16 Title
DD_OTHER1	VARCHAR(6)	TRUE
DD_OTHER2	VARCHAR(6)	TRUE
DD_OTHER3	VARCHAR(6)	TRUE
DD_OTHER4	VARCHAR(6)	TRUE
DD_OTHER5	VARCHAR(6)	FALSE
DD_OTHER6	VARCHAR(6)	TRUE
DD_OTHER7	VARCHAR(6)	TRUE
DD_OTHER8	VARCHAR(6)	TRUE
DD_OTHER9	VARCHAR(6)	TRUE
DD_OTHER10	VARCHAR(6)	TRUE
DD_OTHER11	VARCHAR(6)	TRUE
DD_OTHER12	VARCHAR(6)	TRUE
DD_OTHER13	VARCHAR(6)	TRUE
DD_OTHER14	VARCHAR(6)	TRUE
DD_OTHER15	VARCHAR(6)	
DD_OTHER16	VARCHAR(6)	
DD_OTHER17	VARCHAR(6)	
DD_OTHER18	VARCHAR(6)	
DD_OTHER19	VARCHAR(6)	TRUE
DD_OTHER20	VARCHAR(6)	TRUE



SSN_GROUP - Add/Edit 2

The SSN_GROUP Fields 'RM_OTHER1' to 'RM_OTHER20' are used for Version 4 - MS DOS Batch Mode Hand Held Data Entry fields.

This option is not available with Version 5 as the Remote Batch Mode Hand Held Data Entry applications are now designed with MCL to suit MS Mobile Operating Systems and which operate completely differently.

'FIELD17' to 'FIELD22' hold the Titles for the equivalent SSN.OTHERx fields.

'FIELD_SSN_TYPE',
'FIELD_GENERIC',
'FIELD_BRAND',
'FIELD_MODEL', and

'FIELD_SUB_TYPE' are being used for titles of these SSN Fields.

Please note these Field Titles are not yet used throughout all Minder screens but are being progressively added as these screens are updated.

RM_OTHER1	VARCHAR(6)	
RM_OTHER2	VARCHAR(6)	
RM_OTHER3	VARCHAR(6)	
RM_OTHER4	VARCHAR(6)	
RM_OTHER5	VARCHAR(6)	
RM_OTHER6	VARCHAR(6)	TRUE
RM_OTHER7	VARCHAR(6)	TRUE
RM_OTHER8	VARCHAR(6)	TRUE
RM_OTHER9	VARCHAR(6)	TRUE
RM_OTHER10	VARCHAR(6)	TRUE
RM_OTHER11	VARCHAR(6)	TRUE
RM_OTHER12	VARCHAR(6)	TRUE
RM_OTHER13	VARCHAR(6)	TRUE
RM_OTHER14	VARCHAR(6)	TRUE
RM_OTHER15	VARCHAR(6)	
RM_OTHER16	VARCHAR(6)	
RM_OTHER17	VARCHAR(6)	
RM_OTHER18	VARCHAR(6)	
RM_OTHER19	VARCHAR(6)	TRUE
RM_OTHER20	VARCHAR(6)	TRUE
FIELD17	VARCHAR(30)	
FIELD18	VARCHAR(30)	
FIELD19	VARCHAR(30)	
FIELD20	VARCHAR(30)	
FIELD21	VARCHAR(30)	Pallet No. (Ext.)
FIELD22	VARCHAR(30)	Split From
DD_OTHER21	VARCHAR(6)	
DD_OTHER22	VARCHAR(6)	
RM_OTHER21	VARCHAR(6)	
RM_OTHER22	VARCHAR(6)	
FIELD_SSN_TYPE	VARCHAR(30)	Type I Description
FIELD_GENERIC	VARCHAR(30)	Type II - Variety
FIELD_BRAND	VARCHAR(30)	Brand
FIELD_MODEL	VARCHAR(30)	Not Used
FIELD_SUB_TYPE	VARCHAR(30)	Type III - Grade



System - SSN Description (DESCRIPTION_LAYOUT)

The **SSN.SSN_DESCRIPTION** field is comprised of a concatenation one or more of the SSN's Master Data Codes and/or Description fields and/or Condition fields and which can be configured to suit each Minder site. Each component used is separated by a space character.

As example is perhaps best way to explain. The following is used to describe some imported Mexican Mangos at Fresh Produce Group:

*Mango (Mexico) count 12 Tommy Atkins
Diazteca*

Sequence 1. Product Description from the PROD_PROFILE Table using the its PROD_ID
Mango (Mexico) count 12

Sequence 2. Mango Variety obtained from the GENERIC.DESCRIPTION Table
= *Tommy Atkins*

Sequence 3. Brand of Mango obtained from the BRAND.DESCRIPTION Table
= *Diazteca*

DESCRIPTION_LAYOUT			
SEARCH :			
CODE	DESCRIPTION		
SEQUENCE			
SEARCH		CLEAR	ADD
DELETE			
Selected: 0			
View By : 15		Page : 1	
<input type="checkbox"/> 'CODE	DESCRIPTION	SEQUENCE	
<input type="checkbox"/> BRAND.DESCRIPTION	BRANDS DESCRIPTION	3	
<input type="checkbox"/> GENERIC.DESCRIPTION	GENERIC DESCRIPTION	2	
<input type="checkbox"/> PROD_ID.SHORT_DESC	PRODUCTS DESCRIPTION	1	
<input type="checkbox"/> WBRAND	BRAND	3	
<input type="checkbox"/> WGENERIC	GENERIC	2	
<input type="checkbox"/> WMODEL	MODEL	4	
<input type="checkbox"/> WOTHER1	OTHER1	6	
<input type="checkbox"/> WOTHER2	OTHER2	7	
<input type="checkbox"/> WOTHER3	OTHER3	8	
<input type="checkbox"/> WSERIAL_NUMBER	SERIAL_NUMBER	5	
<input type="checkbox"/> WSSN_TYPE	SSN_TYPE	1	
Total 11 records. Show from 1 to 11			
REPORT: CSV			
SAVE	CANCEL	FIRST	PREV.
NEXT	LAST		
CODE	VARCHAR(40)	WSSN_TYPE	
DESCRIPTION	VARCHAR(50)	SSN_TYPE	
SEQUENCE	INTEGER(4)	1	
SAVE	CANCEL	FIRST	PREV.
NEXT	LAST		



System - EQUIPMENT (SYS_EQUIP)

The 'SYS_EQUIP' Profile is not a toolset that most MINDER Administrators need to make use of. B&DCS suggests using this screen for the purposes of checking how many devices are still logged on where they have reached their Licence Limits.

To release User Licences the CURRENT_LOGGED_ON field must be cleared from those Devices not being used.

Select the Device to be cleared then edit to remove the logged on Timestamp. See next page.

SYS_EQUIP

SEARCH :

DEVICE_ID	SSN_ID
OPERATING_ZONE	CURRENT_PERSON
CURRENT_LOGGED_ON	CREATE_DATE
CREATED_BY	LAST_UPDATE_DATE
UPDATE_USER_ID	WORKING_DIRECTORY
DEVICE_TYPE	EQUIPMENT_DESCRIPTION_CODE
COMPUTER_NAME	PARAM_CLASS_ID
IP_ADDRESS	LAST_PERSON
WH_ID	COMPANY_ID

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 4

<input type="checkbox"/> *DEVICE_ID	SSN_ID	OPERATING_ZONE	CURRENT_PERSON	CURRENT_LOGGED_ON
<input type="checkbox"/> CI				
<input type="checkbox"/> CJ				
<input type="checkbox"/> DA			Admin	2009-03-26 01:48:48
<input type="checkbox"/> MA	00000050			
<input type="checkbox"/> MB	00000051			

Total 55 records. Show from 16 to 20

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



EQUIPMENT - Add/Edit

The Edit screen can be used to Add/Edit MINDER System Equipment details.

The following are Mandatory fields:

- **DEVICE_ID** - **Mandatory** - 2 Alphanumeric characters (unique). By convention, but not mandatory, we use for Printers 'P*'.
• **DEVICE_TYPE** - **Mandatory** - 2 Alphanumeric characters where:
 - 'PR' - Printer. Note all Printer Devices must also have a Working Directory. This is used for storage of Label Printing Data files and Formats (for BarTender Systems). e.g. /data/asset.rf/PA/
 - 'PC' - Fixed Desktop PC
 - 'HH' - Hand Held Terminal
 - 'CS' - Fixed Conveyor Line Scanner. Requires OPERATING_ZONE to be populated.
 - 'TR' - Trolley with Moveable Pickable Locations.
- **IP_ADDRESS** - **Mandatory** - holds either the Static IP Address assigned to the equipment (Mandatory for Printers) or 'DHCP' for non-static Devices.

DEVICE_ID	CHAR(2)	DA
SSN_ID	VARCHAR(20)	
OPERATING_ZONE	CHAR(2)	
CURRENT_PERSON	VARCHAR(10)	Admin
CURRENT_LOGGED_ON	TIMESTAMP(8)	2009-03-28 01:48:48
CREATE_DATE	TIMESTAMP(8)	
CREATED_BY	VARCHAR(10)	
LAST_UPDATE_DATE	TIMESTAMP(8)	
UPDATE_USER_ID	VARCHAR(10)	
WORKING_DIRECTORY	VARCHAR(75)	
DEVICE_TYPE	CHAR(2)	PC
EQUIPMENT_DESCRIPTION_CODE	VARCHAR(40)	DESKTOP COMPUTER
COMPUTER_NAME	VARCHAR(50)	
PARAM_CLASS_ID	VARCHAR(40)	
IP_ADDRESS	VARCHAR(40)	DHCP
LAST_PERSON	VARCHAR(10)	Admin
WH_ID	CHAR(2)	
COMPANY_ID	VARCHAR(20)	

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

- **COMPUTER_NAME** - Alternate to IP_ADDRESS.



System - HAND HELD SETTINGS (SYS_HH)

The ‘SYS_HH’ is used to configure FTP settings for Terminals that support Client/Server Applications. This includes both RF and Batch type devices but not Browser Type devices or MCL Batch Type Devices.

The FTP process is used to download Master Data Tables from the Host Server Database to each Hand Held at the time of their first User Log On each day. The MINDER Applications running on these types of Hand Held Terminals use these Tables to enable off-line operation.

B&DCS will configure for Hand Held FTP as part of commissioning.

‘User Type’ - Select either ‘Production’ or ‘Test’ database.

‘IP Address’ - Location of the Host FTP Server.

‘FTP User’ - Enter the ftp User ID.

‘FTP Password’ - Enter the FTP Password.

‘FTP Export’ - Enter the Host Folder Location (relative to FTP Root Location) used for locating datafiles to be exported to Client devices.

‘FTP Import’ - Enter the Host Folder (relative to FTP Root Location) used for the datafiles from Client devices to be imported into.

‘Root Path’ - This is the Folder used for Browser

SYS_HH											
SEARCH :											
USER_TYPE				FTP_USER				FTP_EXPORT			
FTP_PASSWORD				ROOT_PATH				FTP_IMPORT			
FTP_IMPORT				FTP_EMPLOYEE_EXPORT				FTP_LOG			
FTP_LOG				BATCH_MODULES				USER_MODULES			
USER_MODULES				IP_ADDRESS				IP_ADDRESS			
SEARCH CLEAR ADD DELETE											
Selected: 0											
View By : 15					Page : 1						
'USER_TYPE'	'FTP_USER'	'FTP_PASSWORD'	'FTP_EXPORT'	'FTP_IMPORT'	'ROOT_PATH'	'FTP_LOG'	'FTP_EMPLOYEE_EXPORT'	'IP_ADDRESS'	'BATCH_MODULES'		
PR	ftp	bdcbs@freshproduce.net.au	/export	/import	/dbq	/log					
TR	ftp	bdcbs@freshproduce.net.au	/test_export	/test_import	/test_dbq	/log					
Total 2 records. Show from 1 to 2											
REPORT: CSV											
SAVE CANCEL FIRST PREV. NEXT LAST											
USER_TYPE	CHAR(2) PR										
FTP_USER	VARCHAR(40) ftp										
FTP_PASSWORD	VARCHAR(40) bdcbs@freshproduce.net.au										
FTP_EXPORT	VARCHAR(40) /export										
FTP_IMPORT	VARCHAR(40) /import										
ROOT_PATH	VARCHAR(40) /dbq										
FTP_LOG	VARCHAR(40) /log										
FTP_EMPLOYEE_EXPORT	VARCHAR(40)										
USER_MODULES	VARCHAR(40) :PI:RC:PT:DS:TR:ST:DE:TE:QI:QL:										
BATCH_MODULES	VARCHAR(40) :TE:TR:ST:DE:QI:QL:										
IP_ADDRESS	VARCHAR(40) 192.168.61.164										
SAVE CANCEL FIRST PREV. NEXT LAST											



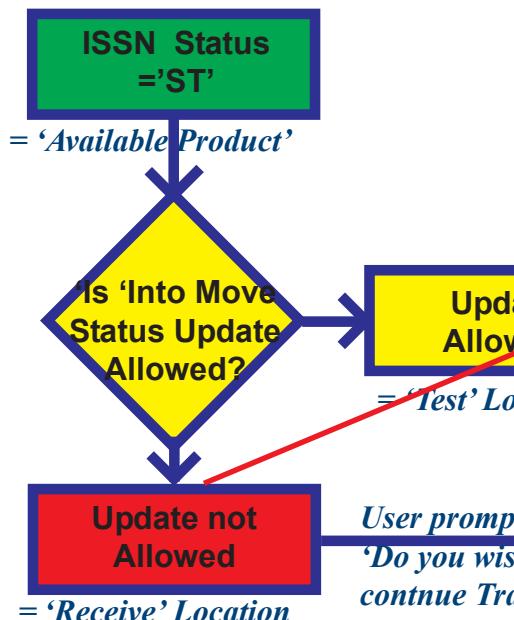
System - INVENTORY MOVEMENTS (SYS_MOVES)

The 'SYS_MOVES' Table is used to automate the process of updating each and every ISSN movement (Transfer from one Location to another).

The 'FROM_STATUS' dropdown lists all the potential ISSN Status values

(See **Drop Down Descriptions** for list of these in the OPTIONS screen search with GROUP_CODE = 'ISSN_STATUS') and the 'INTO_STATUS' scrolling screen lists all the potential Location Move Status values (see '**Location Profile**').

The following flowchart example uses the settings shown right....



SYS_MOVES

SEARCH :

FROM_STATUS	INTO_STATUS
UPDATE_FLAG	MOVE_ALLOWED
MOVE_QUESTION_ID	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 14

	*FROM_STATUS	*INTO_STATUS	UPDATE_FLAG	MOVE_ALLOWED
1	ST	RC	F	T
2	ST	ST	T	T
3	ST	TS	T	T
4	ST	WP	T	T
5	TS	DS	F	

Total 61 records. Show from 66 to 70

REPORT: CSV

The 'Move Allowed' check box either allows user to complete move (Transfer) or prohibits the Movement.

Strongly recommend discussing with B&DCS before making any changes to this Table.



System - LABELS (SYS_LABEL)

The **SYS_LABEL** (and **SYS_LABEL_VAR**) Tables are required if your MINDER System does not use BarTender™ to print Labels.

The **SYS_LABEL** Table holds every Native Printer Command used to Print MINDER System Labels.

B&DCS endeavours to encourage their clients to standardise on one Brand and Model of Barcode Label Printer so as to keep the cost down for setting up MINDER Label Formats.

If there is a mix of Make and Model Label Printers as well as label sizes and materials then the Client should also consider the purchase a copy of BarTender and use this to output the Native Printer Commands to an ASCII file.

Your system must also have installed and running a Python Service called '**bdesprint**' which performs the Label Printing process whereby a serialised collection of Native Printer

LABELS Search:

Label Name: DESPATCH% Printer Brand:
Printer Model: Printer Firmware:
Label Format:

SEARCH **CLEAR**

Selected: 0

Select All Rows on all pages View By : 10 Page : 4

<input type="checkbox"/>	Label Name	Seq #	Command	Brand	Model	Firmware	#Rec
<input type="checkbox"/>	DESPATCH FPG V1.6	30	DIR4				195
<input type="checkbox"/>	DESPATCH FPG V1.6	31	BARSET "CODE128B",2,1,8,187				196
<input type="checkbox"/>	DESPATCH FPG V1.6	32	PB "%issnlabelprefix%%fmtseperator%%issnlabelsuffix%"				197
<input type="checkbox"/>	DESPATCH FPG V1.6	33	PP545,1175:AN1				198
<input type="checkbox"/>	DESPATCH FPG V1.6	34	DIR2				199
<input type="checkbox"/>	DESPATCH FPG V1.6	35	PL1159,2				200
<input type="checkbox"/>	DESPATCH FPG V1.6	36	PP760,24:AN7				201
<input type="checkbox"/>	DESPATCH FPG V1.6	37	DIR4				202
<input type="checkbox"/>	DESPATCH FPG V1.6	38	NASC 1252				203
<input type="checkbox"/>	DESPATCH FPG V1.6	39	FT "Futura Light BT"				204

Total 146 records. Show from 31 to 40

ADD **COPY** **DELETE** **REFRESH** **IMPORT** **TEST PRINT** **REPORT: CSV** **EXIT**

Commands (called a Label Format) is then merged at run time with variable data and sent to the Label Printer.



LABELS - Import Label Format

Importing a Label Format requires using a third party Software toolset such as Bartender™ from Seagull Scientific, USA to create the required Format and making sure it is using the same Printer Driver (also from Seagull Scientific) as the same Make, Model and Printer Language for your Minder Printer. Then output the Print to File. e.g.

'LOCATION_100X35_V1.fmt'.

Select the **IMPORT** button and complete the following input screen. Make sure the Import File is that which was created by the system above....

Import Printer Commands File

Label Name:	LOCATION_100X35_V1
Brand:	INTERMEC
Model:	PD41/42
Firmware:	FINGERPRINT V2.2
Requires Printer to use Polypropylene labels and Ribbon	
Notes:	
Sequence start:	10
Sequence step:	5
File:	L:\CLIENTS\SEHELL\Lab\Browse...
Import Close	

The Minder screen should report result...

Import file successfully

See following pages for more detailed instructions...

LABELS Search:

Label Name:	LOCATION%	Printer Brand:																																																																																																																																																																																																																																																												
Printer Model:		Printer Firmware:																																																																																																																																																																																																																																																												
Label Format:																																																																																																																																																																																																																																																														
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Select All Rows on all pages <input type="checkbox"/> View By : 50 Page : 1																																																																																																																																																																																																																																																														
<table border="1"> <thead> <tr> <th>Label Name</th> <th>Seq#</th> <th>Command</th> <th>Brand</th> <th>Model</th> </tr> </thead> <tbody> <tr><td>LOCATION_100X35_V1</td><td>10</td><td>'Seagull:2.1:DP Tool Label</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>15</td><td>INPUT ON</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>20</td><td>SYSVAR(48)=0</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>25</td><td>ERROR 15,"FONT</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>30</td><td>ERROR 18,"DISK</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>35</td><td>ERROR 26,"PARA</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>40</td><td>ERROR 27,"PARA</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>45</td><td>ERROR 37,"CUTT</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>50</td><td>ERROR 1003,"FIE</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>55</td><td>SYSVAR(35)=1</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>60</td><td>OPEN "tmp:setup</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>65</td><td>PRINT#1,"MEDIA,J</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>70</td><td>PRINT#1,"MEDIA,J</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>75</td><td>PRINT#1,"MEDIA,J</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>80</td><td>PRINT#1,"MEDIA,J</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>85</td><td>PRINT#1,"MEDIA,J</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>90</td><td>PRINT#1,"MEDIA,J</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>95</td><td>PRINT#1,"FEEDAD</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>100</td><td>PRINT#1,"FEEDAD</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>105</td><td>PRINT#1,"MEDIA,MEDIA SIZE,WIDTH,1281"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>110</td><td>PRINT#1,"MEDIA,MEDIA SIZE,LENGTH,122"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>115</td><td>PRINT#1,"MEDIA,CONTRAST,+10%"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>120</td><td>PRINT#1,"PRINT DEFS,PRINT SPEED,100"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>125</td><td>CLOSE #1</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>130</td><td>SETUP "tmp:setup.sys"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>135</td><td>KILL "tmp:setup.sys"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>140</td><td>LTS& OFF</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>145</td><td>CUT OFF</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>150</td><td>CLIP ON</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>155</td><td>CLIP BARCODE ON</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>160</td><td>LBLCOND 3,0</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>165</td><td>CLL</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>170</td><td>PP212,111:AN7</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>175</td><td>BARSET "CODE128",2,1,5,61</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>180</td><td>PB "%ssn_id%"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>185</td><td>PP28,86:NASC 1252</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>190</td><td>FT "Swiss 721 BT"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>195</td><td>FONTSIZE 8</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>200</td><td>FONTSLANT 0</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>205</td><td>PT "%ssn_id%"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>210</td><td>PP27,47:PT "%generic%"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>215</td><td>PP23,43:AN1</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>220</td><td>PLS81,3</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>225</td><td>PP27,114:AN7</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>230</td><td>FONTSIZE 6</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>235</td><td>PT "Shell Tool"</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>240</td><td>LAYOUT RUN ""</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>245</td><td>PF</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> <tr><td>LOCATION_100X35_V1</td><td>250</td><td>PRINT KEY OFF</td><td>INTERMEC</td><td>PD41/42 FINGERPRINT V2.2</td></tr> </tbody> </table>					Label Name	Seq#	Command	Brand	Model	LOCATION_100X35_V1	10	'Seagull:2.1:DP Tool Label	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	15	INPUT ON	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	20	SYSVAR(48)=0	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	25	ERROR 15,"FONT	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	30	ERROR 18,"DISK	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	35	ERROR 26,"PARA	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	40	ERROR 27,"PARA	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	45	ERROR 37,"CUTT	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	50	ERROR 1003,"FIE	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	55	SYSVAR(35)=1	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	60	OPEN "tmp:setup	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	65	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	70	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	75	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	80	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	85	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	90	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	95	PRINT#1,"FEEDAD	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	100	PRINT#1,"FEEDAD	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	105	PRINT#1,"MEDIA,MEDIA SIZE,WIDTH,1281"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	110	PRINT#1,"MEDIA,MEDIA SIZE,LENGTH,122"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	115	PRINT#1,"MEDIA,CONTRAST,+10%"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	120	PRINT#1,"PRINT DEFS,PRINT SPEED,100"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	125	CLOSE #1	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	130	SETUP "tmp:setup.sys"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	135	KILL "tmp:setup.sys"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	140	LTS& OFF	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	145	CUT OFF	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	150	CLIP ON	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	155	CLIP BARCODE ON	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	160	LBLCOND 3,0	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	165	CLL	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	170	PP212,111:AN7	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	175	BARSET "CODE128",2,1,5,61	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	180	PB "%ssn_id%"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	185	PP28,86:NASC 1252	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	190	FT "Swiss 721 BT"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	195	FONTSIZE 8	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	200	FONTSLANT 0	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	205	PT "%ssn_id%"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	210	PP27,47:PT "%generic%"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	215	PP23,43:AN1	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	220	PLS81,3	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	225	PP27,114:AN7	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	230	FONTSIZE 6	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	235	PT "Shell Tool"	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	240	LAYOUT RUN ""	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	245	PF	INTERMEC	PD41/42 FINGERPRINT V2.2	LOCATION_100X35_V1	250	PRINT KEY OFF	INTERMEC	PD41/42 FINGERPRINT V2.2
Label Name	Seq#	Command	Brand	Model																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	10	'Seagull:2.1:DP Tool Label	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	15	INPUT ON	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	20	SYSVAR(48)=0	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	25	ERROR 15,"FONT	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	30	ERROR 18,"DISK	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	35	ERROR 26,"PARA	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	40	ERROR 27,"PARA	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	45	ERROR 37,"CUTT	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	50	ERROR 1003,"FIE	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	55	SYSVAR(35)=1	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	60	OPEN "tmp:setup	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	65	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	70	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	75	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	80	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	85	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	90	PRINT#1,"MEDIA,J	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	95	PRINT#1,"FEEDAD	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	100	PRINT#1,"FEEDAD	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	105	PRINT#1,"MEDIA,MEDIA SIZE,WIDTH,1281"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	110	PRINT#1,"MEDIA,MEDIA SIZE,LENGTH,122"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	115	PRINT#1,"MEDIA,CONTRAST,+10%"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	120	PRINT#1,"PRINT DEFS,PRINT SPEED,100"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	125	CLOSE #1	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	130	SETUP "tmp:setup.sys"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	135	KILL "tmp:setup.sys"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	140	LTS& OFF	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	145	CUT OFF	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	150	CLIP ON	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	155	CLIP BARCODE ON	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	160	LBLCOND 3,0	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	165	CLL	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	170	PP212,111:AN7	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	175	BARSET "CODE128",2,1,5,61	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	180	PB "%ssn_id%"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	185	PP28,86:NASC 1252	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	190	FT "Swiss 721 BT"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	195	FONTSIZE 8	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	200	FONTSLANT 0	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	205	PT "%ssn_id%"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	210	PP27,47:PT "%generic%"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	215	PP23,43:AN1	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	220	PLS81,3	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	225	PP27,114:AN7	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	230	FONTSIZE 6	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	235	PT "Shell Tool"	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	240	LAYOUT RUN ""	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	245	PF	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
LOCATION_100X35_V1	250	PRINT KEY OFF	INTERMEC	PD41/42 FINGERPRINT V2.2																																																																																																																																																																																																																																																										
Total 49 records. Show from 1 to 49																																																																																																																																																																																																																																																														



Step 1. Prepare Label Format Source .CSV File

Access: (MS Windows PC) Start -> Accessories -> Wordpad -> open existing .CSV Label format created by third party Label Printing Template toolset e.g. BarTender.

Check that all the Placeholders are correctly named (e.g. %PROD_PROFILE.PROD_ID% - These are parts of label format commands which will be updated at run-time with data from MINDER Database - B&DCS can advise).

WARNING - If you use MS Excel to edit then any Commas, Double or Single Quote characters maybe surrounded by additional Double Quote “ ” characters when the file is saved as a .csv and which then will cause Label Printer errors.

Valid “ ” (double quote characters) used by Intermec's FPL Native Printer Language commands.

Note for Product Labels only:
The ‘/T’ is a MINDER DATA_ID
Prefix used during scanning to identify a Product Barcode.

```
'Location Label 10mmx50mm -Shell Intermec PD42 -gsn 7/5/09
INPUT ON
SYSVAR(48) = 0
SYSVAR(35)=1
OPEN "tmp:setup.sys" FOR OUTPUT AS #1
PRINT#1,"MEDIA, MEDIA SIZE, XSTART,0"
PRINT#1,"MEDIA, PAPER TYPE, TRANSFER"
PRINT#1,"MEDIA, PAPER TYPE, TRANSFER, RIBBON CONSTANT, 110"
PRINT#1,"MEDIA, PAPER TYPE, TRANSFER, RIBBON FACTOR, 45"
PRINT#1,"MEDIA, PAPER TYPE, TRANSFER, LABEL OFFSET,0"
PRINT#1,"MEDIA, MEDIA TYPE, LABEL (w GAPS)"
PRINT#1,"FEEDADJ, STARTADJ, -100"
PRINT#1,"FEEDADJ, STOPADJ,0"
PRINT#1,"MEDIA, MEDIA SIZE, WIDTH,831"
PRINT#1,"MEDIA, MEDIA SIZE, LENGTH,81"
PRINT#1,"MEDIA, CONTRAST, +10%"
PRINT#1,"PRINT DEFS, PRINT SPEED,100"
CLOSE #1
SETUP "tmp:setup.sys"
KILL "tmp:setup.sys"
LTS& OFF
CUT OFF
CLIP ON
CLIP BARCODE ON
LBLCOND 3,0
CLL
OPTIMIZE "BATCH" ON
PR16,74:AN7
BARSET "CODE128B",2,1,2,41
PB "/T%PROD_PROFILE.PROD_ID%"
PP9,29:NASC 1252
FT "Swiss 721 BT"
FONTSIZE 8
FONTSLANT 0
PT "%PROD_PROFILE.PROD_ID%"
PP152,29:PT "%PROD_PROFILE.SHORT_DESC%"
PPO,28:AN1
PL376,2"
LAYOUT RUN ""
PF
PRINT KEY OFF
```



Step 2. Complete Import details

Access: Administration -> System Tables -> SYS_LABEL -> Import...

Selecting the **IMPORT** button pops-up the input details required for each SYS_LABEL record as shown right...

'Label Name:' - This is the Label Formats name that is listed in the OPTIONS Table where GROUP_CODE = 'Px_FORMAT' (where x = 'A', 'B', ..., 'Z' and represents which Printer Device this Format will be printed by).

'Brand:' - Helps identify which Printer Brand the Format will be printed with.

'Model:' - Helps identify which Printer Model the Format will be printed with.

'Firmware:' - Helps identify which Printer Firmware the Format will be printed with.

'Notes:' - Do not enter any details here as this will be added to every record.

'Sequence start:' - It is important that each

The screenshot shows a Windows-style dialog box titled "Import Printer Commands File". Inside, there are several input fields and buttons. At the top, the "Label Name" is set to "PRODUCT_10X50", "Brand" is "INTERMEC", "Model" is "PD42", and "Firmware" is "FPL". Below these, a large text area labeled "Notes" is empty. Underneath, "Sequence start" is set to "5" and "Sequence step" is also "5". A "File" field contains the path "C:\Clients\Shell\Produ" with a "Browse..." button next to it. At the bottom right are two buttons: "Import" and "Close".

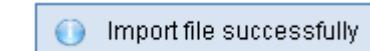
SYS_LABEL record is transmitted to the Printer in the correct sequence, hence we must add a unique sequence number to each record. This field is the starting number we suggest = 5

'Sequence step:' - each imported Record is given sequence which is + Sequence step value from previous record. We suggest 5 to allow for inserting records later if required.

'File:' - Use the Browse button to pop-up File selection window and then select required import file name. Note: Must be .csv ASCII.

Import **Close** Once the above is complete the User may start importing or cancel import.

If Import successful then following appears..





Step 3. Check Imported details

Access: Administration -> System Tables -> SYS_LABEL -> Import File -> 'Processed successfully...'

Please check all Placeholders are using
MINDER Formats =
%TABLENAME.FIELDNAME% unless they
are Expressions listed in SYS_LABEL_VAR.

Double-click to correct any non-conforming
Placeholders (see next page).

EDIT RECORD: 262

SAVE **DISCARD**

Label Name:	PRODUCT_10X50
Sequence:	145
Line:	PB "/T%PROD_PROFILE.PROD_ID%"
Notes:	
Brand:	INTERMEC
Model:	PD42
Image:	No image
Firmware:	FPL

SAVE **DISCARD**

LABELS

Search:

Label	PRODUCT%	Printer	
Name:		Brand:	
Printer		Printer	
Model:		Firmware:	
Label			
Format:			

SEARCH **CLEAR**

Selected: 0

Select All Rows on all pages View By : 20

	Label Name	Seq #	Command	Brand	Model	Firmware	#Recs
	PRODUCT_10X50	105	CUT OFF	INTERMEC	PD42	FPL	254
	PRODUCT_10X50	110	CLIP ON	INTERMEC	PD42	FPL	255
	PRODUCT_10X50	115	CLIP BARCODE ON	INTERMEC	PD42	FPL	256
	PRODUCT_10X50	120	LBLCOND 3,0	INTERMEC	PD42	FPL	257
	PRODUCT_10X50	125	CLL	INTERMEC	PD42	FPL	258
	PRODUCT_10X50	130	OPTIMIZE "BATCH" ON	INTERMEC	PD42	FPL	259
	PRODUCT_10X50	135	PP16,74:AN7	INTERMEC	PD42	FPL	260
	PRODUCT_10X50	140	BARSET "CODE128B",2,1,,41	INTERMEC	PD42	FPL	261
	PRODUCT_10X50	145	PB "VT%PROD_PROFILE.PROD_ID%"	INTERMEC	PD42	FPL	262
	PRODUCT_10X50	150	PP9,29:NASC 1252	INTERMEC	PD42	FPL	263
	PRODUCT_10X50	155	FT "Swiss 721 BT"	INTERMEC	PD42	FPL	264
	PRODUCT_10X50	160	FONTSIZE 8	INTERMEC	PD42	FPL	265
	PRODUCT_10X50	165	FONTSLANT 0	INTERMEC	PD42	FPL	266
	PRODUCT_10X50	170	PT "%PROD_PROFILE.PROD_ID%"	INTERMEC	PD42	FPL	267
	PRODUCT_10X50	175	PP152,29:PT "%PROD_PROFILE.SHORT_DESC%"	INTERMEC	PD42	FPL	268
	PRODUCT_10X50	180	PP0,28:AN1	INTERMEC	PD42	FPL	269
	PRODUCT_10X50	185	PL376,2"	INTERMEC	PD42	FPL	270
	PRODUCT_10X50	190	LAYOUT RUN !!!	INTERMEC	PD42	FPL	271
	PRODUCT_10X50	195	PF	INTERMEC	PD42	FPL	272
	PRODUCT_10X50	200	PRINT KEY OFF	INTERMEC	PD42	FPL	273

Total 40 records. Show from 21 to 40

ADD **COPY** **DELETE** **REFRESH** **IMPORT** **TEST PRINT** **REPORT: CSV** **EXIT**



Step 4a. Example - Edit of Product ID Placeholder

Edit all the Placeholders required in the Label Formats, e.g. the Product Barcode Label comprises minimum of two Placeholders = Product Id and Product Description.

Minder has been designed to use following format for all Placeholders:

%TABLE_NAME.FIELD_NAME%.

Therefore edit in our example the ‘PB’ (Print Barcode) Command to read:

PB “/T%PROD_PROFILE.PROD_ID%”

Note: The ‘/T’ is used to signal to Barcode Scanner that a Product ID is encoded...

(Note: the Placeholder Wrapper character = '%' is configurable.
See **CONTROL.LABEL_FIELD_WRAPPER**)

EDIT RECORD: 262

SAVE	DISCARD
Label Name:	PRODUCT_10X50
Sequence:	145
Line:	PB “/T%PROD_PROFILE.PROD_ID%”
Notes:	
Brand:	INTERMEC
Model:	PD42
Image:	No image
Firmware:	FPL
SAVE	DISCARD

After editing and saving each of the required Placeholders then add these to SYS_LABEL_VAR table.

Every required Placeholder must be listed in the SYS_LABEL_VAR Table.



Step 4b. Example - Edit of Location ID Placeholders

Edit all the Placeholders required in the Label Formats, e.g. the Location Barcode Label comprises two parts = Warehouse ID + Location ID.

Minder has been designed to use following format for all Placeholders:

%TABLE_NAME.FIELD_NAME%.

Therefore edit in our example the ‘PB’ (Print Barcode) Command to read:

PB "%LOCATION.WH_ID% %LOCATION.LOCN_ID%"

so as to concatenate these 2 fields after being merged with actual data and sent to Printer by
bdcspint...

(Note: the Placeholder Wrapper character = '%' is configurable.
See **CONTROL.LABEL_FIELD_WRAPPER**)

EDIT RECORD: 423

SAVE	DISCARD
Label Name:	LOCATION_100X35_V1
Sequence:	180
Line:	PB "%LOCATION.WH_ID% %LOCATION.LOCN_ID%"
Notes:	All Barcoded Location ID's comprise Warehouse ID (WH_ID) plus Location ID (LOCN_ID). These must be concatenated together and printed as one Barcode (PB)
Brand:	INTERMEC
Model:	PD41/42
Image:	No image
Firmware:	FINGERPRINT V2.2
SAVE	DISCARD

After editing and saving each of the required Placeholders then add these to SYS_LABEL_VAR table.

Every required Placeholder must be listed in the SYS_LABEL_VAR Table.



Step 5. Add SYS_LABEL_VAR

Access: Administration -> System Tables -> SYS_LABEL_VAR

Every defined Placeholder in a Label Format (**SYS_LABEL**) must also be defined in the **SYS_LABEL_VAR** Table.

These **SYS_LABEL_VAR** records also provide a default value which is used with printing a Test Label.

They also allow a Database value to be modified before it is sent to the Label Printer.

An example could be that we require the Database value to be broken up into multiple parts such as with Location ID's e.g. Aisle-Bay-Level-Position.

The **SYS_LABEL_VAR.SLV_EXPRESSION** supports data expressions such as

Substr(%Placeholder%,1,2) where

the returned result is the 1st 2 characters.

Contact B&DCS for further details on available Expressions.

SYS_LABEL_VAR

SEARCH :

RECORD_ID	SLV_NAME
SLV_EXPRESSION	SLV_DEFAULT
SLV_SEQUENCE	SLV_NAME
LAST_UPDATE_DATE	PRODUCT%
LAST_UPDATE_BY	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	SL_NAME	SLV_SEQUENCE	SLV_NAME	SLV_EXPRESSION	SLV_DEFAULT	*RECORD_ID
<input type="checkbox"/>	PRODUCT_10X50	0	%PROD_PROFILE.PROD_ID%		20000000000008	8
<input type="checkbox"/>	PRODUCT_10X50	0	%PROD_PROFILE.SHORT_DESC%		Product Short Description	9

Total 2 records. Show from 1 to 2

REPORT: CSV



Step 6. Example - Substr(%Placeholder%)

Access: Administration -> System Tables -> SYS_LABEL_VAR

An example is the requirement for some types of Code 128 to have a Delimiter added inside the Variable after the last alpha character which is to be printed as a Barcode.

We need the original placeholder = '%ISSN.SSN_ID%' to be split into 2 parts:

- '%issnlabelprefix%' and
- '%issnlabelsuffix%' and then
- %separator% = '«C' inserted in between.

We need to define a set of **SLV_EXPRESSION** records which creates each of these component values so that the **SYS_LABEL** Placeholder is modified at runtime to read: = '%issnlabelprefix% %separator% %issnlabelsuffix%'.

Hence the original %ISSN.SSN_ID% passed from the application is then changed according to the processes defined by **SYS_LABEL_VAR** and the new

Placeholders = %issnlabelprefix% %separator%
%issnlabelsuffix% will be merged with data and sent to the Printer.

Syntax

= substr(%Placeholder%,Start Position, End Position)

We also need to add a default values to each of the **SYS-LABEL_VAR** records which we need for Printing Test labels. e.g. For %ISSN.SSN_ID% we could define its **SLV_DEFAULT** ='AB1234567890' this would be subject to the substr(%ISSN.SSN_ID%,1,2) shown right and placeholder '%issnlabelprefix%' = 'AB'.

LOCATION_100X35_V1	180	PB "%LOCATION\WH_ID%\LOCATION.LOCN_ID%"	INTERMEC PD4142 FINGERPRINT V2.2 423
LOCATION_100X35_V1	185	PP28,86:NASC 1252	INTERMEC PD4142 FINGERPRINT V2.2 424
LOCATION_100X35_V1	190	FT "Swiss 721 BT"	INTERMEC PD4142 FINGERPRINT V2.2 425
LOCATION_100X35_V1	195	FONTSIZE 8	INTERMEC PD4142 FINGERPRINT V2.2 426
LOCATION_100X35_V1	200	FONTSLANT 0	INTERMEC PD4142 FINGERPRINT V2.2 427
LOCATION_100X35_V1	205	PT "%ssn_id%"	INTERMEC PD4142 FINGERPRINT V2.2 428
LOCATION_100X35_V1	210	PP27,47:PT "%generic%"	INTERMEC PD4142 FINGERPRINT V2.2 429
LOCATION_100X35_V1	215	PP23,43:AN1	INTERMEC PD4142 FINGERPRINT V2.2 430
LOCATION_100X35_V1	220	PL581,3	INTERMEC PD4142 FINGERPRINT V2.2 431
LOCATION_100X35_V1	225	PP27,114:AN7	INTERMEC PD4142 FINGERPRINT V2.2 432
LOCATION_100X35_V1	230	FONTSIZE 6	INTERMEC PD4142 FINGERPRINT V2.2 433
LOCATION_100X35_V1	235	PT "Shell Tool"	INTERMEC PD4142 FINGERPRINT V2.2 434
LOCATION_100X35_V1	240	LAYOUT RUN ""	INTERMEC PD4142 FINGERPRINT V2.2 435
LOCATION_100X35_V1	245	PF	INTERMEC PD4142 FINGERPRINT V2.2 436
LOCATION_100X35_V1	250	PRINT KEY OFF	INTERMEC PD4142 FINGERPRINT V2.2 437

Total 49 records. Show from 1 to 49

Buttons: ADD COPY DELETE REFRESH IMPORT TEST PRINT REPORT: CSV EXIT

Selected: 0

SLV_NAME SLV_NAME SLV_SEQUENCE SLV_EXPRESSION SLV_DEFAULT LAST_UPDATE_DATE LAST_UPDATE_BY RECORD_ID

Total 0 records

Buttons: REPORT: CSV ADD

RECORD_ID	INTEGER(4)	5
SLV_NAME	VARCHAR(75)	%issnlabelprefix%
SLV_EXPRESSION	VARCHAR(255)	substr(%ISSN.SSN_ID%,1,2)
SLV_DEFAULT	VARCHAR(255)	
SLV_SEQUENCE	INTEGER(4)	2
SL_NAME	VARCHAR(40)	ISSN
LAST_UPDATE_DATE	TIMESTAMP(8)	2009/04/01
LAST_UPDATE_BY	VARCHAR(10)	glenn

Buttons: SAVE CANCEL FIRST PREV. NEXT LAST

See next page for example of output



Step 7. OPTIONS Table - Register Label Formats

Access: Administration -> System Tables -> OPTIONS.

Use wildcard '%' for list all registered Label formats: '%_FORMAT'.

These records are required for each Label Type required by your MINDER System where:

***GROUP_CODE** = 'PA_FORMAT' Indicates a format which is printed on Device = 'PA'. Change to 'PB_FORMAT' if format designed to be printed on Device = 'PB'.

***CODE** - Must use one of the System Label Identifiers:
ISSN - Print ISSN labels,
DESPATCH - Print Despatch Address labels,
LOCATION - Print Storage Location ID labels,
LOGON - Print User Barcode Logon labels (used for Tool Loans and OTC screen),
PRODUCT - Print Product labels.
Others maybe added with future releases.

DESCRIPTION - Format Name (= SL_NAME). Different Formats maybe needed for different label media (e.g. size, material), different Printer Brand and Model.

OPTIONS
SEARCH :

GROUP_CODE %_FORMAT CODE _____

DESCRIPTION _____

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page : 1

	*GROUP_CODE	*CODE	DESCRIPTION
<input type="checkbox"/>	PA_FORMAT	DESPATCH	DESPATCH FPG V1.6
<input type="checkbox"/>	PA_FORMAT	ISSN	ISSN
<input type="checkbox"/>	PA_FORMAT	LOCATION	LOCATION
<input type="checkbox"/>	PA_FORMAT	LOGON	LOGON
<input type="checkbox"/>	PA_FORMAT	PRODUCT	PRODUCT_10X50
<input type="checkbox"/>	PB_FORMAT	LOCATION	BORROWER_PB

Total 6 records. Show from 1 to 6

REPORT: CSV

Hence it is possible to have one LOCATION Format for Printer = 'PA' which uses say 100mm x 35mm media and Code 93 Barcode Symbology and another to be printed on 'PB' which uses say 80mm x 10mm media and has a Code 39 Barcode Symbology which the system would then recognise as a Tool Loan Borrower.



Step 8. Print Test Label

Access: Administration -> System Tables -> SYS_LABEL -> Select Label Format -> **TEST PRINT**

Once all the required lines for a Label Format has been entered or imported into SYS_LABEL and all it's Placeholders entered into SYS_LABEL_VAR and the Label Name is registered in the OPTIONS table then check by printing one or more Test labels.

Select Label Format from drop down...

LABELS					
Search:					
Label Name:			Printer Brand:		
Printer Model:			Printer Firmware:		
Label Format:	<input type="text" value="DESPATCH"/>				
SEARCH	C	DESPATCH			
Selected: 0					
ISSN					
LOCATION					
LOGON					
PRODUCT					
<input type="checkbox"/>	Label Name	Seq #	Command	Brand	Model
<input type="checkbox"/>	PRODUCT_10X50	5	INPUT ON	INTERMEC	PD42
<input type="checkbox"/>	PRODUCT_10X50	10	SYSVAR(48)=0	INTERMEC	PD42
<input type="checkbox"/>	PRODUCT_10X50	15	SYSVAR(35)=1	INTERMEC	PD42
<input type="checkbox"/>	PRODUCT_10X50	20	OPEN "top:setup.sys" FOR OUTPUT AS #1	INTERMEC	PD42
<input type="checkbox"/>	PRODUCT_10X50	25	PRINT#1,"MEDIA,MEDIA SIZE,XSTART,0"	INTERMEC	PD42

Total 40 records. Show from 1 to 5

ADD COPY DELETE REFRESH IMPORT TEST PRINT REPORT: CSV EXIT

After Test Print check the PRINT_REQUESTS (see next page) table for following record which indicates a label request was successfully created...

15	PA	PRODUCT	XP	%DEFAULT%={ }
----	----	---------	----	---------------



System - PRINT_REQUESTS

The PRINT_REQUESTS Table holds the merged SYS_LABEL + SYS_LABEL_VAR + variable data to be Printed.

'MESSAGE_ID' - Each Label Request is issued a unique number.

'DEVICE_ID' - This is the Label Printer ID used to print the label.

'PRN_TYPE' - This is the Label Type but it is not the Label Format. This is used by Minder application to source the variable data for the Placeholders.

'REQUEST_STATUS' - this indicates the result of the Print Request where

- **'NP'** - New Print Request not yet completed,
- **'CP'** - Created a Print File (.prn),
- **'XP'** - Completed Printing the Label. Now waiting to be archived.

The **REPRINT** simply changes the REQUEST_STATUS => **'NP'** and label is reprinted.

Requires Python **bdcspint** to be installed and running.

PRINT_REQUESTS

SEARCH :

MESSAGE_ID	DEVICE_ID
PRN_TYPE	REQUEST_STATUS
PRN_DATA	PRN_COPY
BASE_FILE_NAME	PRN_DATE
PERSON_ID	ERROR_TEXT
FROM_DEVICE_ID	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	MESSAGE_ID	DEVICE_ID	PRN_TYPE	REQUEST_STATUS	PRN_DATA
<input type="checkbox"/>	75541	PA	DESPATCH	XP	%userid%=<Admin>%now%=<02/04/09 11:54:01>%orderno%=<SO00866>%prodUnit%uom%=<Each>%contact%=<%customerpowo%=<%specialinstructions1%Markets, Sherwood Rd>%delivertoline3%=<Rocklea, Brisbane>%delivertoline5%=<%suppliedby%=<%suppliedbyline1%=<%suppliedbyline2%=<%suppliedbyJ08>%qty%=<29>%labelqty%=<1>%despatchlabel%=<006043>%issnlabel%=<FI100>=<%other2%=<%ofqty%=<%>%>
<input type="checkbox"/>	75540	PA	ISSN	XP	%ownerid%=<FPGIMPORTS>%issn%=<FI0033770103>%issnlabelprefix%=<FI>%is%=<%other3%=<%pickorder%=<%userid%=<Admin>%description%=<Onion (White) 11:40:21>%tempzone%=<1>%prodtype%=<ST>%ssn_desc%=<Onion (White) 10%=<%serial%=<%title_1%=<%version%=<%>%>
<input type="checkbox"/>	75539	PA	ISSN	XP	%ownerid%=<FPGIMPORTS>%issn%=<FI0033770102>%issnlabelprefix%=<FI>%is%=<%other3%=<%pickorder%=<%userid%=<Admin>%description%=<Onion (White) 11:40:21>%tempzone%=<1>%prodtype%=<ST>%ssn_desc%=<Onion (White) 10%=<%serial%=<%title_1%=<%version%=<%>%>

Total 11 records. Show from 1 to 5

REPORT: CSV **REPRINT**

See example of **SYS_LABEL_VAR** has split original Placeholder **%issn%** => **%issnlabelprefix%=<FI>%is.....**



System - PRINT_REQUESTS_ARCHIVE

The PRINT_REQUESTS_ARCHIVE

Table stores previously created and printed PRINT_REQUESTS.

See Archiving Data to clear this table.

PRINT_REQUESTS_ARCHIVE

SEARCH :

MESSAGE_ID	DEVICE_ID
PRN_TYPE	PRN_COPY
BASE_FILE_NAME	PRN_DATE
PERSON_ID	REQUEST_STATUS
ERROR_TEXT	PRN_DATA

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page :

'MESSAGE_ID' 'DEVICE_ID' 'PRN_TYPE' 'PRN_COPY' 'BASE_FILE_NAME' 'PRN_DATE' 'PERSON_ID' 'REQUEST_STATUS' 'ER

Total 0 records. Show from 1 to 0

REPORT: CSV

Please note that all Minder Systems have a separate Folder for each Printer e.g

'PA', 'PB', 'PC'.....and then separate sub-folders - one per day.

The transmitted print files (.prn) is saved by Printer ID + Date Folder.

If your System uses Bartender then the Data File only is saved.

These folders will be periodically removed.



System - LOCATION

The 'LOCATION' is the second highest level of Inventory Location Reporting. (WAREHOUSE is the highest).

To ensure highest inventory accuracy, 100% of each Warehouse's Inventory Locations must be listed in the Locations Profile and a Barcoded Label attached.

At no time does any item of Minder Inventory exist without a WH_ID + Location ID (this even includes 'In-Transit' to another Repository or Location, Hand Held's that are being used for Picking Orders).

NOTE: Some Hand Held Data Collection applications may create Location Profiles that do not exist when they are scanned. Their LOCN_NAME always starts with 'CREATED....'

These need to be corrected before any Reports are run.

LOCATION SEARCH :

WH_ID	LOCN_ID
LOCN_NAME	LOCN_METRIC
LOCN_HGHT	PARENT_LOCN_ID
ZONE_C	CC_C
TOG_C	LOCN_STAT
MOVE_STAT	REPLENISH
PACK_T	STORE_TYPE
STORE_AREA	STORE METH
PERM_LEVEL	LABEL_DATE
LAST ALIENATED DATE	
PROD_ID	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	*WH_ID	*LOCN_ID	LOCN_NAME	INT_X	INT_Y	INT_Z
<input type="checkbox"/>	CF	00000000	Container Forwarding Services (CFS) VIC			
<input type="checkbox"/>	FE	00000000	FPG Exports - Despatched To			
<input type="checkbox"/>	FX	C1000000	[FX-C1-00-00-00] Central Aisle (not Racked) 00 -Co			
<input type="checkbox"/>	FX	C1010102	[FX-C1-01-01-02] Bay 01-Level 01 -Position 02 -Coo			
<input type="checkbox"/>	FX	C1010103	[FX-C1-01-01-03] Bay 01-Level 01 -Position 03 -Coo			

Total 2207 records. Show from 1 to 5

REPORT: CSV **PRINT LOCATION**



LOCATION - Search/Edit

To edit an existing Location:

- Enter the **WH_ID** e.g. 'FX', This will confine the Search to one Warehouse, then
- Enter another search criteria such as all Despatch Locations - LIKE '%Despatch%'

**LOCATION
SEARCH :**

WH_ID	FX		
LOCN_NAME	LIKE '%Despatch%'		
LOCN_HGHT			
ZONE_C			
TOG_C			
MOVE_STAT			
PACK_T			
STORE_AREA			
PERM_LEVEL			
LAST AUDITED DATE			
SEARCH	CLEAR	ADD	DELETE
Selected: 0			
View By : 5		▼	Page : 1
<input type="checkbox"/> *WH_ID	*LOCN_ID	LOCN_NAME	
<input type="checkbox"/> FX	DD000002	[FX-DD-00-00-02] - Despatch Dock #02	
<input type="checkbox"/> FX	DD000003	[FX-DD-00-00-03] - Despatch Dock #03	
<input type="checkbox"/> FX	DD000004	[FX-DD-00-00-04] - Despatch Dock #04	
<input type="checkbox"/> FX	DD000005	[FX-DD-00-00-05] - Dock #05 - Despat	
<input type="checkbox"/> FX	DD000006	[FX-DD-00-00-06] - Dock #06 - Despat	
Total 20 records. Show from 1 to 5			
REPORT: CSV		PRINT LOCATION	

into the LOCN_NAME input then select

SEARCH

All Despatch Locations will then be listed (at WH_ID = 'FX').

The User then only needs to select the required row and the Location's Profile will be displayed lower down the screen

The following is a partial Editing screen....

SAVE	CANCEL	FIRST	PREV.	NEXT	LAST
WH_ID	CHAR(2)	FX			
LOCN_ID	VARCHAR(10)	DD000002			
LOCN_NAME	VARCHAR(50)	[FX-DD-00-00-02] - Despatch Do			
LOCN_METRIC	CHAR(2)				
LOCN_HGHT	NUMERIC(4,3)(2)	0.000			
PARENT_LOCN_ID	VARCHAR(10)				
ZONE_C	CHAR(2)				
CC_C	VARCHAR(10)				
TOG_C	CHAR(2)	A			
LOCN_STAT	CHAR(2)	OK			
MOVE_STAT	CHAR(2)	DS			
REPLENISH	CHAR(1)	F			
PACK_T	CHAR(1)				
STORE_TYPE	CHAR(2)	DS			
STORE_AREA	CHAR(2)	DS			
STORE_METH	CHAR(2)	FL			
PERM_LEVEL	CHAR(1)				
LABEL_DATE	TIMESTAMP(8)				
LAST_AUDITED_DATE	TIMESTAMP(8)				
PROD_ID	VARCHAR(30)				
INSTANCE_ID	CHAR(10)	MASTER			



LOCATION - ADD

which can now be edited and saved.

To a **ADD** new ‘LOCATION’ the same edit screen is displayed but with empty data fields
- Enter a **Warehouse Code (WH_ID)** that has been previously set up in the Warehouse Profile.
- Enter **Location Code (LOCN_ID)** for each new Storage Location within the Warehouse.

These should be or must be 8 AlphaNumeric characters and UPPERCASE (for Barcoding purposes). (See PARAM LOCATION for required Length).

Use of fixed length = 8 characters assists with distinguishing from SSN/ISSN Inventory and other Barcoded numbers.

For Warehouses we recommend adopting the following schema (each ID = 2 characters):

- Aisle = Segregates Warehouse Floor space,
 - Bay = Horizontal segregation of Aisles,
 - Level = Vertical segregation of each Bay,
 - Position = Horizontal segregation of Level (from left to right).
- Enter **Location Name (LOCN_NAME)** that best suits your Reports. We recommend adding the Warehouse/Repository ID and Location ID

The following are Mandatory Location fields with examples:

WH_ID, - ‘FX’

LOCN_ID, - ‘01020304’

LOCN_NAME, - [FX-01-02-03-04]
Aisle 01, Bay 02, Level 03 Position 04’

LOCN_STAT, - ‘OK’

MOVE_STAT, - ‘ST’

STORE_TYPE, - ‘ST’

INSTANCE_ID = ‘MASTER’

Not Mandatory but we also recommend entering:

LAST_UPDATE_BY - ‘glenn’

Red box indicates mandatory Location fields:

		SAVE	CANCEL	FIRST	PREV.	NEXT	LAST
	WH_ID	CHAR(2)					
	LOCN_ID	VARCHAR(10)					
	LOCN_NAME	VARCHAR(50)					
	LOCN_TYPE	CHAR(2)					
	LOCN_METRIC	CHAR(2)					
	LOCN_HGHT	NUMERIC(4,3)(2)					
	PARENT_LOCN_ID	VARCHAR(10)					
	ZONE_C	CHAR(2)					
	CC_C	VARCHAR(10)					
	TOG_C	CHAR(2)					
	LOCN_STAT	CHAR(2)					
	MOVE_STAT	CHAR(2)					
	REPLENISH	CHAR(1)					
	PACK_T	CHAR(1)					
	STORE_TYPE	CHAR(2)					
	STORE_AREA	CHAR(2)					
	STORE METH	CHAR(2)					
	PERM_LEVEL	CHAR(1)					
	LABEL_DATE	TIMESTAMP(8)					
	LAST_AUDITED_DATE	TIMESTAMP(8)					
	PROD_ID	VARCHAR(30)					
	INSTANCE_ID	CHAR(10)	MASTER				
	MAX_QTY	INTEGER(4)					
	MIN_QTY	INTEGER(4)					
	REORDER_QTY	INTEGER(4)					
	AISLE_SEQ	CHAR(2)					
	BAY_SEQ	CHAR(2)					
	SHELF_SEQ	CHAR(2)					
	COMPARTMENT_SEQ	CHAR(2)					
	LAST_UPDATE_DATE	TIMESTAMP(8)					
	LAST_UPDATE_BY	VARCHAR(10)					
	PUTAWAY_QTY	INTEGER(4)					
	LOCN_OWNER	VARCHAR(10)					
	CURRENT_WH_ID	CHAR(2)					
	MOVEABLE_LOCN	CHAR(1)					
	SSN_TRACK	CHAR(1)					
	LOCN_SEQ	NUMERIC(9,3)(4)					
	TEMPERATURE_ZONE	CHAR(2)					
	LOCN_TARE_WEIGHT	NUMERIC(9,3)(4)					
	LOCN_TARE_WEIGHT_UOM	CHAR(2)					
	LOCN_INT_DIMENSION_X	NUMERIC(9,3)(4)					
	LOCN_INT_DIMENSION_Y	NUMERIC(9,3)(4)					
	LOCN_INT_DIMENSION_Z	NUMERIC(9,3)(4)					
	LOCN_DIMENSION_UOM	CHAR(2)					
	LOCN_OUT_DIMENSION_X	NUMERIC(9,3)(4)					
	LOCN_OUT_DIMENSION_Y	NUMERIC(9,3)(4)					
	LOCN_OUT_DIMENSION_Z	NUMERIC(9,3)(4)					



LOCATION - Field Descriptions 1

in the Name so Users can see this on Reports and screens where only the Name is displayed.

- **Location Type (LOCN_TYPE)** - a code to indicate storage construction type eg 'PR' = Pallet racking, 'MS' = Metals Shelves,
- **Location Metric (LOCN_METRIC)** - similar to LOCN_TYPE.
- **Location Height (LOCN_HGHT)** - often used for max. useable Storage Height which is not necessary the same as actual internal height dimensions.
- **Parent Location (PARENT_LOCN_ID)** - used if this is a Moveable Location - updated by stored procedure to hold last recorded Fixed Location.
- **Zone Code (ZONE_C)** - Locations can be grouped into Zones for purposes of handling Putaway or Picking e.g. Moving Conveyor Picking Zone.
- **Cost Centre Code (CC_C)** - Can be used for charging whilst Inventory is being stored inside Location.
- **Turnover Group (TOG_C)** - Used by sites that require Inventory Put Away to be directed by its frequency of Turn-over.
Note: Requires maintenance of every Product Profile's TOG field).
- **Status (LOCN_STAT)** - Used to indicate

a Location's Storage availability. **Mandatory**. If Location = Borrower and LOCN_STAT = 'OD' then this indicates they have Overdue Loans.

If Location is subject to Stocktake then LOCN_STAT = 'ST'. No other transfers may take place whilst under Stocktake.

If Picking Trolleys are used in Despatch Assembly then any Moveable Locations with LOCN_STAT = 'CL' (Closed) will be 'greyed out' on Assembly Screen.

- **Movement Status (MOVE_STAT)** - Used to control Inventory Transfer and whether transferred Inventory own Status is updated to the Location's MOVE_STAT. e.g if Location holds Quarantined inventory and its MOVE_STAT = 'QR' then any Inventory (ISSN) that is transferred into the Location will be updated as 'QR'.

- **Replenish (REPLENISH)** - Applicable on sites that maintain min. and max. storage levels for Replenishment (requires configuration from B&DCS to utilise) and = 'T'.

- **Pack Type (PACK_T)** - not currently used by Minder Systems.

- **Store Type (STORE_TYPE)** - Code to indicate type of Storage function. e.g. 'RC' =

Receive Dock, 'DS' = Despatch Dock, 'ST' = Saleable Inventory Storage. **Mandatory**.

- **Store Area (STORE_AREA)** - Similar to Store Type (not Mandatory).
- **Store Method (STORE_METH)** - Code indicates Materials Handling Method required to transfer inventory. e.g 'FL' = Forklift, 'PD' = Pedestrian.
- **Permission Level (PERM_LEVEL)** - Used to control User access if required e.g. Bond Area.
- **Label Date (LABEL_DATE)** - Indicates when Location ID Label Printed - not often maintained.
- **Last Audited Date (LAST_AUDITED_DATE)** - Used for Reporting Cyclic Counting of Locations.
- **Product Code (PROD_ID)** - only used on sites where Products require storage in dedicated Locations and which automatic replenishment operates.
- **Instance ID (INSTANCE_ID)** - Must hold 'MASTER ' with 4 trailing spaces. Required for backwards compatibility. **Mandatory**.
- **Max Qty & Min. Qty (MAX_QTY & MIN_QTY)** - Used for setting Replenishment levels for PROD_ID.



LOCATION - Field Descriptions 2

- **Re Order Qty (REORDER_QTY)** - Used to trigger Replenishment request.
- **Aisle, Bay, Shelf & Compartment Sequences (AISLE_SEQ, BAY_SEQ, SHELF_SEQ, COMPARTMENT_SEQ)** - Used for Slotting Processing (Requires separate Minder Module).
- **Last Update (LAST_UPDATE_DATE & LAST_UPDATE_BY)** - Indicates when and by User the last changes were made to this Record.
- **Putaway Qty (PUTAWAY_QTY)** - Used for some sites as part of Put Away calculations.
- **Location Owner (LOCN_OWNER)** - used for storage Charge calculations.
- **Current Warehouse**
(CURRENT_WH_ID) - Indicates Warehouse ID if a Moveable Location as they can be moved between Warehouses.
- **Moveable Location**
(MOVEABLE_LOCN) - Only applicable to sites that use Moveable Locations and which maybe transferred between Warehouses:
 - **ISSN Tracking (SSN_TRACK)** - see B&DCS for details.
 - **Location Sequence Number**
(LOCN_SEQ) - Used for shortest route Picking and Putaway calculations.
 - **Temperature Zone**
(TEMPERATURE_ZONE) - Used for Coolroom Product Putaway calculations.
- **Tare Weight & UOM**
(LOCN_TARE_WEIGHT) - Used for Moveable Locations to enable calculation of Shipping Container weights.
- **Internal Dimensions X, Y & Z**
(LOCN_INT_DIMENSION_Z, Y & Z) - Used for Slotting calculations. (Requires separate Minder Module).
- **Location Dimensions UOM**
(LOCN_DIMENSION_UOM) - Used to hold Code for Unit of Measure for Dimensions.
- **Outside Dimensions X, Y & Z**
(LOCN_OUT_DIMENSION_Z, Y & Z) - Used for Transport Shipping calculations.



LOCATION - Print Labels

PRINT LOCATION

The ‘PRINT LOCATION’ button on the Locations screen is used to print one or more Barcoded Location ID Labels.

Either use the ‘Location Search’ option to find the Location/s that require Re/Printing and select by ‘ticking’ each required Location.

Select the Barcode Printer ID which is to be used for Printing the Labels.

The Default Printer =’PA’ at most MINDER sites is not suitable for Location ID Label printing as the Default Printer may not be loaded with large enough Labels or use non-paper Thermal Transfer Ribbon for long life and scuff resistance.

B&DCS generally configures ‘PB’ = Printing Borrower ID Labels on the same printer device as ‘PA’ but with different details.

Printer ‘PC’ = Printing Location ID Labels on the same printer

LIMIT	
Company	All
Warehouse	All
Printer	PA

device as ‘PA’ but User must load the Thermal Transfer Ribbon and larger non-paper stock.

‘PD’ = A4 Laser Printer.

Consult B&DCS for details.

LOCATION SEARCH :

WH_ID	FX	LOCN_ID
LOCN_NAME	LIKE '%Despatch%'	LOCN_METRIC
LOCN_HGHT		PARENT_LOCN_ID
ZONE_C		CC_C
TOG_C		LOCN_STAT
MOVE_STAT		REPLENISH
PACK_T		STORE_TYPE
STORE_AREA		STORE METH
PERM_LEVEL		LABEL_DATE
LAST AUDITED DATE		PROD_ID

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 2

View By : 5 Page : 1

	*WH_ID	*LOCN_ID	LOCN_NAME
<input type="checkbox"/>	FX	DD000002	[FX-DD-00-00-02] - Despatch Dock #02
<input type="checkbox"/>	FX	DD000003	[FX-DD-00-00-03] - Despatch Dock Dock #03
<input type="checkbox"/>	FX	DD000004	[FX-DD-00-00-04] - Despatch Dock #04
<input checked="" type="checkbox"/>	FX	DD000005	[FX-DD-00-00-05] - Dock #05 -Despatching Dock DD -F
<input checked="" type="checkbox"/>	FX	DD000006	[FX-DD-00-00-06] -Dock #06 -Despatching Dock DD -F

Total 20 records. Show from 1 to 5

REPORT: CSV **PRINT LOCATION**



WAREHOUSE

The '**Warehouse**' Profile is the highest level of Inventory Location Reporting.

By default all systems are set up with the following mandatory Warehouses/Repositories:
‘**XB**’ = Loans to Borrowers
‘**XD**’ = Despatched from Repository/Warehouse.
‘**XX**’ = Deleted Objects (Inventory) Repository.

Do not create any new Warehouses that start with ‘X’ as these are excluded from some Inventory Reporting.

Every Location ID which is Barcoded must include its WH_ID as the Prefix. This allows multiple sites to use the same Location ID’s so long as they have a unique WH_ID.

There is one Exception = Moveable Locations - they must use a unique ID across every WH_ID.

WAREHOUSE SEARCH :

WH_ID	DESCRIPTION
ADDRESS1	ADDRESS2
ADDRESS3	ADDRESS4
INSTANCE_ID	COST_CENTER
PERSON_ID	WH_LEGACY_WH_ID
WH_LEGACY_WH_NAME	WH_LEGACY_INTERNAL_ID

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 3

*WH_ID	DESCRIPTION	ADDRESS1	ADDRESS2	ADDRESS3
QP	Quality Produce International (Canning Vale, WA)	MARKET CITY	Canning Vale	WA 6155
SW	Swire Cold Storage Pty Ltd (Homebush Bay , NSW)	12-14 Birnie Ave	Homebush Bay	NSW 2140
TS	Test Warehouse			
VI	Vision International Forwarding Pty Ltd (Brisbane)	729 MACARTHUR AVENUE	CENTRAL PINKENBA	QLD 4008
XX	Deleted Objects Repository			

Total 16 records. Show from 11 to 15

REPORT: CSV

See next page for ADD/Edit details



WAREHOUSE - Add/Edit

Select the **ADD** to add a new Warehouse:

- **WH_ID** - Must be 2 AlphaNumeric characters and UPPERCASE (for Barcoding purposes).
- **DESCRIPTION** that best suit Reports and searches.
- Optional **ADDRESS1** to **ADDRESS4**
- ‘**INSTANCE_ID**’ = ‘MASTER’ used for backward compatibility but must be added. Note must add 4 trailing spaces to ‘MASTER’.
- Optional ‘**COST_CENTER**’. Used for Reporting and Costing.
- Optional ‘**PERSON_ID**’. Required for Transfer Order Address Labels so that correct Contact at remote Warehouse will be applied to Addressing labels. Remote Warehouse may not be part of current Client’s Warehouses.

- ‘**WH_LEGACY_WH_ID**’,
- ‘**WH_LEGACY_WH_NAME**’ and
- ‘**WH_LEGACY_INTERNAL_ID**’.

The above 3 fields are only used where a Legacy ERP/Financial System is being operated and MINDER provides on-line updates.

		SAVE	CANCEL	FIRST	PREV.	NEXT	LAST
WH_ID	CHAR(2)	<input type="text"/>					
DESCRIPTION	VARCHAR(50)	<input type="text"/>					
ADDRESS1	VARCHAR(50)	<input type="text"/>					
ADDRESS2	VARCHAR(50)	<input type="text"/>					
ADDRESS3	VARCHAR(50)	<input type="text"/>					
ADDRESS4	VARCHAR(50)	<input type="text"/>					
INSTANCE_ID	CHAR(10)	<input type="text" value="MASTER"/>					
COST_CENTER	VARCHAR(40)	<input type="text"/>					
PERSON_ID	VARCHAR(10)	<input type="text"/>					
WH_LEGACY_WH_ID	VARCHAR(2)	<input type="text"/>					
WH_LEGACY_WH_NAME	VARCHAR(50)	<input type="text"/>					
WH_LEGACY_INTERNAL_ID	VARCHAR(20)	<input type="text"/>					
		SAVE	CANCEL	FIRST	PREV.	NEXT	LAST



System Transactions

System Transaction	
v3.9	TRANSACTIONS_ARCHIVE
v4	TRANSACTIONS_ARCHIVE
	SOAP_CLI_Status
	USER_ENV
	SSN_HIST
	SSN_TEST
	SSN_TEST_RESULTS
	PRODUCT_COND_STATUS
	TRANSACTION_TYPES



System Transactions - TRANSACTIONS

The ‘TRANSACTIONS’ is useful in checking MINDER Processing.

The presence of records in this table indicates a Transaction has failed.

COMPLETE	CHAR(1)	F
ERROR_TEXT	VARCHAR(255)	SSN is not in the database

Successful Transactions are listed in the TRANSACTIONS_ARCHIVE table.

This screen requires an in-depth knowledge of the Minder Transaction Types and Codes.

There are two versions of Transactions:

The MINDER Series Version 4.0.0.0+ supports 2 versions of Transactions:

1. ‘Version 3’ and
2. ‘Version 4’.

TRANSACTIONS					
SEARCH :					
RECORD_ID	WH_ID	OBJECT	TRN_CODE	REFERENCE	
LOCN_ID					
TRN_TYPE					
TRN_DATE					
QTY					
ERROR_TEXT					
EXPORTED					
INPUT_SOURCE					
DEVICE_ID					
<input type="button" value="SEARCH"/>	<input type="button" value="CLEAR"/>	<input type="button" value="ADD"/>	<input type="button" value="DELETE"/>		
Selected: 0					
View By : 5		▼	Page : 1	▼	
<input type="checkbox"/>	'RECORD_ID'	WH_ID	LOCN_ID	OBJECT	TRN_TYPE
<input type="checkbox"/>	671				TROL
<input type="checkbox"/>	672	FX	C1320101		TROL
<input type="checkbox"/>	673	FX	C1320101]	TROL
<input type="checkbox"/>	674	FX	C1320101		TROL
<input type="checkbox"/>	675	FX	C1330101	c1	TROL
Total 273 records. Show from 1 to 5					
<input type="button" value="REPORT: CSV"/>					



System Transactions - TRANSACTIONS_ARCHIVE

This screen is similar to TRANSACTIONS except that this table only holds the successful Transactions.

Requires skilled knowledge of Minder Transactions and must not be modified.

TRANSACTIONS_ARCHIVE																
SEARCH :																
'WH_ID	[Text Box]			'LOCN_ID	[Text Box]			'TRN_TYPE	[Text Box]			'TRN_DATE	[Text Box]			
'OBJECT	[Text Box]			'QTY	[Text Box]			'INSTANCE_ID	[Text Box]			'SUB_LOCN_ID	[Text Box]			
'TRN_CODE	[Text Box]			'PERSON_ID	[Text Box]			'COMPLETE	[Text Box]							
'REFERENCE	[Text Box]															
'ERROR_TEXT	[Text Box]															
'EXPORTED	[Text Box]															
'INPUT_SOURCE	[Text Box]															
'DEVICE_ID	[Text Box]															
[Buttons: SEARCH, CLEAR, ADD, DELETE]																
Selected: 0																
View By : 5 Page : 15268																
'WH_ID	'LOCN_ID	'OBJECT	'TRN_TYPE	'TRN_CODE	'TRN_DATE	'REFERENCE	'QTY	'ERROR_TEXT	'INSTANCE_ID	'EXPORTED	'SUB_LOCN_ID	'PERSON_ID	'COMPLETE			
ZE	SPRI	3162	GRND	L	2008-06-05 10:09:59	LP FPG003572 Cr xu67090 4F PA	0	Processed successfully	MASTER	0	ZESPRI					
ZE	SPRI	3161	GRND	L	2008-06-05 09:21:32	LP FPG003569 CGMU4975595 4H PA	0	Processed successfully	MASTER	0	ZESPRI					
ZE	SPRI	3221	GRND	L	2008-06-17 09:23:30	LP FPG003690 FSCU5639523 4H PA	0	Processed successfully	MASTER	0	ZESPRI					
ZE	SPRI	3293	GRND	L	2008-06-26 16:55:18	LP FPG003802 MWCU6148069 4G PA	0	Processed successfully	MASTER	0	ZESPRI					
ZE	SPRI	3295	GRND	L	2008-06-27 12:43:06	LP FPG003804 MWCU6684755 4G PA	0	Processed successfully	MASTER	0	ZESPRI					

Total 76342 records. Show from 76336 to 76340

[Buttons: REPORT: CSV]



System Transactions - TRANSACTIONS4

The 'TRANSACTIONS4' is useful in checking MINDER Processing.

The presence of records in this table indicates a v4 Transaction has failed.

V4 Transactions are only used for some specific applications e.g. SOAP*MINDER.

Successful Transactions are listed in the TRANSACTIONS4_ARCHIVE table.

This screen requires an in-depth knowledge of the Minder Transaction Types and Codes.

TRANSACTIONS4

SEARCH :

RECORD_ID	TRN_VERSION
TRN_TYPE	TRN_CLASS
TRN_DATE	TRN_DELIMITER
PERSON_ID	DEVICE_ID
MESSAGE_ID	TRN_DATA
COMPLETE	ERROR_TEXT
INSTANCE_ID	EXPORTED
INPUT_SOURCE	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

	'RECORD_ID'	TRN_VERSION	TRN_TYPE	TRN_CLASS	TRN_DATE
<input type="checkbox"/>	68671	V4	UASL	S	2008-06-25 01:51:34
<input type="checkbox"/>	68684	V4	UASL	S	2008-06-25 02:03:19
<input type="checkbox"/>	68687	V4	UASL	S	2008-06-25 02:04:50
<input type="checkbox"/>	68690	V4	UASL	S	2008-06-25 02:05:59
<input type="checkbox"/>	68693	V4	UASL	S	2008-06-25 02:07:18

Total 5341 records. Show from 1 to 5

REPORT: CSV



System Transactions - TRANSACTIONS4_ARCHIVE

The 'TRANSACTIONS4_ARCHIVE' is useful in checking MINDER Processing. The presence of records in this table indicates each v4 Transaction has succeeded.

V4 Transactions are only used for some specific applications e.g. SOAP*MINDER.

This screen requires an in-depth knowledge of the Minder Transaction4 Types and Codes.

TRANSACTIONS4_ARCHIVE												
SEARCH :												
TRN_VERSION				TRN_TYPE				TRN_DATE				
TRN_CLASS				PERSON_ID				MESSAGE_ID				
TRN_DELIMITER				COMPLETE				INSTANCE_ID				
DEVICE_ID				INPUT_SOURCE								
TRN_DATA												
ERROR_TEXT												
EXPORTED												
SEARCH CLEAR ADD DELETE												
Selected: 0												
View By : 15				Page :								
<input type="checkbox"/> 'TRN_VERSION' <input checked="" type="checkbox"/> 'TRN_TYPE' <input checked="" type="checkbox"/> 'TRN_CLASS' <input checked="" type="checkbox"/> 'TRN_DATE' <input checked="" type="checkbox"/> 'TRN_DELIMITER' <input checked="" type="checkbox"/> 'PERSON_ID' <input checked="" type="checkbox"/> 'DEVICE_ID' <input checked="" type="checkbox"/> 'MESSAGE_ID' <input checked="" type="checkbox"/> 'TRN_DATA' <input checked="" type="checkbox"/> 'COMPLETE' <input checked="" type="checkbox"/> 'ERROR_TEXT'												
Total 0 records. Show from 1 to 0												
REPORT: CSV												



System Transactions - SOAP_CLI Status

The **SOAP_CLI** is a specific Module written by B&DCS and used for interfacing with NetSuite ERP to both retrieve and update Purchase Orders and Sales Orders.

It runs, as per the name, as a PHP Command Line Interface which is independent of these Minder Screens i.e. runs as a Service or daemon.

This screen is used to check if the CLI is running and provide feedback on current status and traffic throughput.

LOCK This button is used to stop the CLI process and another 'UNLOCK' is used to restart the CLI process. These need to be used with care as the Restart must not occur if a previous CLI task is still running.

Please call B&DCS if there seems to be problems with the SOAP interface.

Please Note: **SOAP*MINDER** is another SOAP interface written by B&DCS (using Delphi) for v4 minder and has nothing to do with these v5 screens. It has its own set of Administration screens.

Last update log is too old. It's possible that CLI is not running

CLI allowed

CLI STATUS - 2009-04-09 16:49:37

Current CLI SERVICE: STARTED **RUN CLI SERVICE**
STOP CLI SERVICE

Status info via DB

Last Update: 2009-04-09 16:40:04

SOAP Transaction status

Current Status: unlock Time of last changes :
2009-04-09 16:45:03 **LOCK**

Default settings:

By default update runs every 3 minute(s)
By default commit runs every 5 minute(s)

Status info via Log's:

Last Update: 2009-04-09 16:40:04
Last Commit: 2009-04-09 16:45:03

Search response: 685
Imported/updated: 128
Total Rejected: 210

LastModifiedDate less than cache date: 1
Order doesn't have required field: 84
Order with Status not allowed for import: 125



System Transactions - USER_ENV

This table is used for storing User preferences plus SOAP Message Cache.

Do not attempt to change these records.

USER_ENV

SEARCH :

USER_ID	PARAM_NAME
PARAM_VALUE	CREATE_DATE
CREATED_BY	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 5 Page : 1

<input type="checkbox"/>	*PARAM_NAME	*USER_ID	PARAM_VALUE
<input type="checkbox"/>	admin	Admin	O:11:"ArrayObject":0:{}
<input type="checkbox"/>	default	Admin	O:13:"Jpgraph_Model":6:{s:6:"colors";a:4:(s:7:"state_1";s:5:"green";s:7:"state_2";s:3:"red";s:7:"state_3";s:4:"blue";s:7:"state_4";s:5:"green";)s:5:"title";s:7:"Unknown font";s:9:"startDate";s:1:"a";s:7:"endDate";s:1:"u";}
<input type="checkbox"/>	diagram_1	Admin	O:13:"Jpgraph_Model":4:{s:6:"colors";a:4:(s:7:"state_1";s:5:"green";s:7:"state_2";s:3:"red";s:7:"state_3";s:4:"blue";s:7:"state_4";s:5:"green";)s:5:"title";s:0:"";s:4:"si
<input type="checkbox"/>	home	Admin	O:11:"ArrayObject":0:{}
<input type="checkbox"/>	printer_id	Admin	a:1:{s:10:"printer_id";s:2:"PA";}

Total 22116 records. Show from 1 to 5

REPORT: CSV



System Transactions - SSN_HIST

The 'SSN_HIST' Table (short for SSN History) is not a table that should be added to or deleted from (despite the presence of these Action buttons).

The primary purpose of including this screen in the Administration Menu is to enable quick searching and reporting of inventory transactions that have taken place with an Object.

However, once this Table become very large > 500,000 records at which point we do not recommend using this screen as it may suffer delays in displaying and has very few indexes.

Alternately, using the Report Menu to create ad hoc Reports about Objects is the recommended approach.

SSN_HIST					
SEARCH :					
RECORD_ID		WH_ID		SSN_ID	
LOCN_ID				TRN_TYPE	
TRN_DATE				ERROR_TEXT	
TRN_CODE				QTY	
REFERENCE				DEVICE_ID	
SUB_LOCN_ID				PERSON_ID	
SEARCH CLEAR ADD DELETE					
Selected: 0					
View By : 5 Page : 1					
	'RECORD_ID'	WH_ID	LOCN_ID	SSN_ID	TRN_DATE
<input type="checkbox"/>	437	FX	RD000009	85010100	2007-08-21 14:31:25
<input type="checkbox"/>	438	FX	RD000009	85010100	2007-08-21 14:31:25
<input type="checkbox"/>	439	FX	RD000009	85020100	2007-08-21 14:41:03
<input type="checkbox"/>	440	FX	RD000009	85020100	2007-08-21 14:41:03
<input type="checkbox"/>	441	FX	RD000009	85020100	2007-08-21 14:41:03

Total 90469 records. Show from 1 to 5

REPORT: CSV					
SAVE	CANCEL	FIRST	PREV.	NEXT	LAST
RECORD_ID	INTEGER(4)	437			
WH_ID	CHAR(2)	FX			
LOCN_ID	VARCHAR(10)	RD000009			
SSN_ID	VARCHAR(20)	85010100			
TRN_DATE	TIMESTAMP(8)	2007-08-21 14:31:25			
TRN_TYPE	VARCHAR(4)	nipp			
TRN_CODE	CHAR(1)	A			
ERROR_TEXT	VARCHAR(255)	insert ssn with a price			
REFERENCE	VARCHAR(40)	Defaulted Price - No Price Yet			
QTY	INTEGER(4)				
SUB_LOCN_ID	VARCHAR(10)				
DEVICE_ID	CHAR(2)	DB			
PERSON_ID	VARCHAR(10)	DB			



System Transactions - SSN_TEST

The **SSN_TEST** Table is used by **ASSET*MINDER** Module to record each Asset's (SSN) Refurbishment Testing and Diagnostic Start and End Dates.

To use Testing and Diagnostics requires separate set of **TEST_QUESTIONS** and **VALID_RESPONSES** screens to be set up by B&DCS.

SSN_TEST

SEARCH :

SSN_ID	STATUS_TEST
START_DATE	END_DATE
TEST_ID	LAST_UPDATE_DATE

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 **Page :** [dropdown]

<input type="checkbox"/>	'TEST_ID'	SSN_ID	STATUS_TEST	START_DATE	END_DATE
Total 0 records. Show from 1 to 0					

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

SSN_ID	VARCHAR(20)
STATUS_TEST	CHAR(2)
START_DATE	TIMESTAMP(8)
END_DATE	TIMESTAMP(8)
TEST_ID	INTEGER(4)
LAST_UPDATE_DATE	TIMESTAMP(8)

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



System Transactions - SSN_TEST_RESULTS

The **SSN_TEST_RESULTS** table stores all the Testing and Diagnostic Results for each Asset (SSN). Requires ASSET*MINDER Module with **TEST QUESTIONS** and **VALID RESPONSES** screens to be setup by B&DCS.

SSN_TEST_RESULTS

SEARCH :

SSN_ID	TIME_STAMP
QUESTION	RESPONSE
NOTES	SSN_TEST_ID
DATE_RESPONSE	FIELD_TYPE
NUMBER_RESPONSE	TEXT_RESPONSE
UPDATE_FIELD	REPAIR_REQUIRED
RUN_PROCEDURE	INSPECT_CATEGORY
INSPECT_PASS_CRITERIA	ORIGINAL_TEST
PROCESSED	USER_ID

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 15 Page :

<input type="checkbox"/>	'SSN_TEST_ID'	SSN_ID	TIME_STAMP	QUESTION	RESPONSE	NOTES
<hr/>						
Total 0 records. Show from 1 to 0						
REPORT: CSV						



System Transactions - PRODUCT_COND_STATUS

The **PRODUCT_COND_STATUS** table holds the results of Tests and Inspections performed on each Object (SSN). These results are recorded both as Original (**ORIGINAL_TEST = 'O'**) and Subsequent (**ORIGINAL_TEST = 'S'**) - Object's Condition can be reported both as Pre-Refurbishment and Post-Refurbishment.

The **DESCRIPTION** values are listed in the **PRODUCT_CONDITION** Table (See Master Data Description Screens - **PRODUCT_CONDITION**).

The **CODE** is the same **CODE** used in the **PRODUCT_CONDITION** table and is used to relate SSN's **OTHER1** to **OTHER4** (can be **OTHER5** if configured) fields.

The ASSETMINDER Refurbishment uses the presence of 1 or more records for an SSN in the **PRODUCT_COND_STATUS** Table to trigger the SSN.OTHER1 to OTHER4 value to change from a **Pass** to **Fail** Condition. The Pass/Fail is reset during reTesting after Refurbishment.

PRODUCT_COND_STATUS

SEARCH :

SSN_ID	CODE
DESCRIPTION	ORIGINAL_TEST
LAST_UPDATE_DATE	

SEARCH **CLEAR** **ADD** **DELETE**

Selected: 0

View By : 10 **Page :** 1

	*SSN_ID	*CODE	*DESCRIPTION	*ORIGINAL_TEST
<input type="checkbox"/>	10270325	B	NO POWER	S
<input type="checkbox"/>	00000101	C	MISSING-DRIVER	S
<input type="checkbox"/>	00000101	C	MISSING-PRN-CORD	S
<input type="checkbox"/>	00000106	A	CRACKED-CASING	S
<input type="checkbox"/>	00000106	A	INGROUND-DIRT	S
<input type="checkbox"/>	00000106	C	MISSING-OS-LICENCE	O

Total 132094 records. Show from 1 to 6

REPORT: CSV

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**

SSN_ID	VARCHAR(20)	10270325
CODE	CHAR(1)	B
DESCRIPTION	VARCHAR(50)	NO POWER
ORIGINAL_TEST	VARCHAR(1)	S
LAST_UPDATE_DATE	TIMESTAMP(8)	2007-07-05 08:00:43

SAVE **CANCEL** **FIRST** **PREV.** **NEXT** **LAST**



System Transactions - TRANSACTION_TYPES

The TRANSACTION_TYPES lists all the Transactions which can be used by ADD_TRANS_RESPONSE Procedures. These procedures maybe called by any client application - PHP Desktop, PHP Hand Held Terminal, Batch File Processing performed by Python scripts.

Each time an ADD_TRANS_RESPONSE Procedure is run successfully the result is stored in the TRANSACTIONS_ARCHIVE Table and SSN_HIST Tables and provides an Audit Trail for each Object. This Table should only be modified by B&DCS.

'TRN_TYPE' - Transaction Type e.g. 'AUOB' - Audit of an Object.

'TRN_PREFIX' - Used as Data Identifier (see PARAM) and as a Barcode Prefix for scanning of Asset Descriptions and Conditions. e.g. '/1HAND HELD TOOL'. The Prefix ='1' would be interpreted by the TOOL*MINDER and ASSET*MINDER Data Entry screen as update the SSN.SSN_TYPE => 'HAND HELD TOOL'.

'TABLE_NAME' - The table to be updated. e.g. 'SSN'
'FIELD_NAME' - eg 'LOCN_ID' means the Location ID at which this Transaction has occurred and therefore update the SSN.LOCN_ID (combining with TABLE_NAME).

TRANSACTION_TYPES																																																																					
SEARCH :																																																																					
SEQ				TRN_TYPE				DESCRIPTION																																																													
TRN_PREFIX							COMPULSORY																																																														
MAX_LENGTH							NO_COMPULSORY																																																														
FAST_CHANGING							REMOTE_UPDATE																																																														
COPY_DATA							TABLE_NAME																																																														
FIELD_NAME																																																																					
COMMENT																																																																					
[SEARCH] [CLEAR] [ADD] [DELETE]																																																																					
Selected: 0																																																																					
View By : 5 Page : 1																																																																					
<table border="1"><thead><tr><th></th><th>'SEQ'</th><th>'TRN_TYPE'</th><th>'TRN_PREFIX'</th><th>'DESCRIPTION'</th><th>'MAX_LENGTH'</th><th>'COMPULSORY'</th><th>'FAST_CHANGING'</th><th>'NO_COMPULSORY'</th><th>'CO'</th></tr></thead><tbody><tr><td></td><td>1</td><td></td><td></td><td>SSN</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>AUOB</td><td></td><td>SSN Seen</td><td>10</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>NISN</td><td>/6</td><td>Serial Number</td><td>40</td><td></td><td>T</td><td></td><td></td></tr><tr><td></td><td>4</td><td>NITP</td><td>/1</td><td>Asset Type</td><td>40</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>NIQB</td><td>/2</td><td>Generic Description</td><td>40</td><td></td><td></td><td></td><td></td></tr></tbody></table>											'SEQ'	'TRN_TYPE'	'TRN_PREFIX'	'DESCRIPTION'	'MAX_LENGTH'	'COMPULSORY'	'FAST_CHANGING'	'NO_COMPULSORY'	'CO'		1			SSN							2	AUOB		SSN Seen	10						3	NISN	/6	Serial Number	40		T				4	NITP	/1	Asset Type	40						5	NIQB	/2	Generic Description	40				
	'SEQ'	'TRN_TYPE'	'TRN_PREFIX'	'DESCRIPTION'	'MAX_LENGTH'	'COMPULSORY'	'FAST_CHANGING'	'NO_COMPULSORY'	'CO'																																																												
	1			SSN																																																																	
	2	AUOB		SSN Seen	10																																																																
	3	NISN	/6	Serial Number	40		T																																																														
	4	NITP	/1	Asset Type	40																																																																
	5	NIQB	/2	Generic Description	40																																																																
Total 77 records. Show from 1 to 5																																																																					
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The MINDER Series™ for Barcode Inventory Control.

APPENDIX



System Components and Setup

Installation of The Minder Series is always performed by B&DCS as it almost impossible to document in advance every possibility that a new install will encounter.

The following is a guide to a typical installation but for specific details these need to be requested from B&DCS.

- MS Windows platforms (XP Pro, WIN 2003+)
- Requires both C & D Partitions
- Install the following in C:\Program\... where specific folder is the default setting from the Supplier.
- If running on Linux Server then setup is slightly different.
- Firebird SQL Version 2.1 SuperServer,
- Download 36 page PDF from www.firebirdsql.org called 'Firebird-2.0-Quick_Start.pdf' for more details.
- Install and register a series of Firebird udfxxx.dll's (user defined Functions) which have been compiled with 'C' by B&DCS. Includes Licensing Module neccessary for Minder Log On Control.

- If **Microsoft** platform - Create Folder = D:\asset.rf\
plus a number of sub-Folders including:
 - D:\asset.rf\database
(this holds the main Minder Database), plus one per Minder Printer:
 - D:\asset.rf\PA\
 - D:\asset.rf\PB\
 - D:\asset.rf\Px\
- Please check Security on these created Folders for Minder Users = 'bdc's' and 'firebird' as these Users must have Read, Write, Delete Files and Folders permissions.
- Setup and check security of ftp Server - Minder uses the Microsoft default configuration = D:\sysdata\iis\default\ftproot\ plus following sub-folders:
 - export,
 - import,
 - install,
 - log,
 - test_export, and
 - test_import.

- If **Linux** setup - Create Folder = /data/asset.rf/
(this holds the main Minder Database), plus a number of sub-Folders including:
 - /data/asset.rf/backup, plus one per Minder Printer:
 - /data/asset.rf/PA/
 - /data/asset.rf/PB/
 - /data/asset.rf/Px/

Please check Security on these created Folders for Minder Users = 'bdc's' and 'firebird' as these Users must have Read, Write, Delete Files and Folders permissions.

- Install Apache HTML Server (see <http://httpd.apache.org/>)
- Install PHP and add PHP Extension to Apache (see www.php.net/download-doc.php for details).
- Add the gdb extension to PHP and configure PHP for Firebird.



- Install Python (see docs.python.org/downloads.html for details).
- Add eGenix - Database interface tools for Python (see www.egenix.com for details).
- Install kinterbasdb - This is a Python extension package for Firebird (see kinterbasdb.sourceforge.net/dist_docs/installation-binary.html for details).
- Setup Scheduled tasks including gbak backup and gfix for Database sweeping and integrity tests of the Minder Database =>
D:\asset.rf\database\wh.v39.gdb
or for linux platform =>
/data/asset.rf/wh.v39.gdb
(Please note not all sites will use this name, check with B&DCS).
- Install cygwin - This is a collection of administration tools which provides a Linux like environment for MS Windows platforms.
- If Minder operates with BarTender™ and Commander 3rd party Barcode Label Printing then install and configure (see www.seagullscientific.com for details). Commander is used for monitoring and execution of tasks for Barcode Label Printing and other data file handling specifically used for MCL Hand Held Batch Data File processing.

- Optional - install Tomcat5 J2EE Server for running JasperServer and JasperReports.

Not included in this Administration User Manual Section is the installation and setup of the optional MCL Hand Held Batch System. These are detailed in a separate Manual.

Following installation and setup of Minder Server components a combination of B&DCS plus the Client's Minder Administrator must then complete the setting up MasterData and other Minder Tables (see section = '**System Tables**' for details):
WAREHOUSE - add Warehouse Names and Codes,
LOCATION - add Locations inside each Warehouse,
SYS_USER - Add Users
SSN_TYPE - Add minimum Inventory Type Descriptions plus
GENERIC and
SSN_SUB_TYPE Descriptions if required.
SSN_GROUP - Set up Master Data Field Titles if not Minder defaults.
PROD_PROFILE - Add Product Details if used.
OPTIONS - Edit Client specific details
COMPANY - Add Inventory Owner Details
CARRIER - Add Carriers details if receipting and Despatching Orders.
PERSON - Add Contact, Address details and use PERSON_ADDRESS multiple Addresses.
SYS_LABEL & SYS_LABEL_VAR - Add/edit label formats if not using BarTender. If using BarTender then setup in BarTender Formats for each Label types.



Client Specific Components: MS WIN2003 v5.0.1.2060

Name	Installed Version	Notes
Apache:	2.2.8	HTML Server
Firebird SQL RDMS:	2.0.4.13130	SQL Relational Database Server
PHP:	5.2.5	Scripting language designed for producing dynamic web pages.
Python:	2.2	Scripting language used mostly for Hand Held Batch File imports. v2.5 will not operate with KInterbasdb
KInterbasDB:	3.2.2	Python extension package that implements Python Database API 2.0-compliant support for Firebird Database.
eGenix:	2.0.4	A Python extension package that provides DateTime, DateTimeDelta and RelativeDateTime handling.
Tomcat Server:	5.2.26	Requires Java JRE 1.5.0 - Used for optional JasperServer and JasperReports.
MySQL	5.1	Used with JasperServer
JasperServer	3.0.0	Optional Java based JasperReports Report Writer Toolset. Now uses 3.5.2
BarTender	8.01 Build 2179	Now use v9.10
Commander	8.01 Build 2179	Supplied with BarTender. Now use v9.10
Seagull License Server	8.01 Build 2170	Supplied with BarTender. Now use v9.10
Other Components used for Support only:		
IBQuery	3.4 Build 640	Interbase/Firebird Database Administration Toolset from MiTech
Cygwin		Connectivity Tool
Firefox	3.0.4+	Web Browser - fast, standards compliant, more suited for remote support.

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