



---

This document describes how to add a new Inventory Owner to WAREHOUSE\*MINDER so as to be able to receipt, store, pick and despatch their Shipping Orders.

The following are key steps:

- Carryout the following on the UAT System
  - Create new Inventory Owner (COMPANY\_ID)
  - Import Client's logo for use on the Packing Manifest. Currently B&DCS must modify the ReportMan Manifest but B&DCS encourages their Client's to install the ReportMan Designer so they can carryout this task.
  - Set up Sent From Name and Address details as these required on Despatch Connote Labels in the PERSON\_ADDRESS Table
  - Import Product Profiles (Product Code, Description, Dimensions, Weight, UoM, COMPANY\_ID) into PROD\_PROFILE table
  - Setup automatic Product Code Identification (PARAM Table) where:
    - Data Length,
    - Pattern of letters and numbers, e.g. '[0-9A-Z]' - indicates any combination of numeric and Uppercase Alphabetic letters.
    - Barcode Symbology which are used to automatically identify during Barcode scanning
  - Assign an FTP folder with UserID and Password which the new Client only has external access to FTP their Shipping Orders into.
  - Receipt some Product, transfer into Storage Locations.
  - Carryout tests asking new Inventory Owner to FTP a Test Shipping Order then Pick, check and Despatch the Order.
- Repeat above on Production System once above is satisfactorily completed.



## Contents

---

Adding New Inventory Owner to Warehouse*Minder.....	1
Setting Up Tables .....	3
Inventory Owner (COMPANY_ID).....	3
Inventory Owner (COMPANY_ID) continued... GS1_COMPANY_ID .....	4
Inventory Owner (COMPANY_ID) continued... PO_TEXT1 .....	5
Inventory Owner (COMPANY_ID) continued... DEFAULT_CARRIER_ID .....	6
Inventory Owner Address (PERSON) .....	7
Inventory Owner (PERSON_ADDRESS) - Sent From .....	8
Inventory Owner (PERSON_ADDRESS) - EDI Deliver To.....	9
Inventory Owner Address (PERSON_ADDRESS) - Deliver To - Example Record .....	10
Import Product Details (PROD_PROFILE) .....	11
Import Product Details (PROD_PROFILE) continued.....	12
Data Identification (PARAM) .....	13
Report Manager.....	14
Edit Shipping Manifest .....	14
Edit Shipping Manifest continued.....	15
Select Logo Image File.....	17
Entering a Print Condition Expression.....	21
Report Manager.....	24
Install Report Manager.....	24
Firebird SQL .....	27
Install Firebird SQL Client.....	27
Select 32Bit or 64Bit System .....	28
FTP Folder Locations .....	33
Release Notes .....	34



# Setting Up Tables

## Inventory Owner (COMPANY\_ID)

WAREHOUSE\*MINDER requires all inventory to be owned and uses database field called **COMPANY\_ID** to hold the Owner's Identification.

Select Administration Menu (User must have SYS\_USER.SYS\_ADMIN = T to access the Administration Menu).

Select the Master Data Menu then select COMPANY option...

### SHORTCUTS

**Audit**

**Import Data**

**Master Data**

**BRAND**

**CARRIER**

**CARRIER\_SERVICE**

**POSTCODE\_DEPOT**

**COST\_CENTRE**

**COMPANY**

Select the 'ADD' button and enter the following mandatory fields:

**COMPANY\_ID** - Max 10 AlphaNumeric characters.

The Address fields have been superceded by use of the PERSON and PERSON\_ADDRESS tables.

The **ACN**, **ABN** should be populated if Purchase Orders and Tax Invoices are being created and printed from within the MINDER System.

**INV\_TEXT1 & 2** - Used to print Terms and Conditions on Pro-Forma and Tax Invoices. The fields from BANK\_ID\_NO1 to COMPANY\_UDF22 are detailed in the Administration USER Guide and again only involve MINDER sistes which create Invoices.

**NAME** - Enter Company/Trading name as it is to appear on Despatch Manifest and Reports.

SAVE	CANCEL	FIRST	PREV.	NEXT	LAST	
						COMPANY_ID VARCHAR(20) PSGROUP
						ADDRESS1 VARCHAR(50)
						ADDRESS2 VARCHAR(50)
						ADDRESS3 VARCHAR(50)
						ACN VARCHAR(30)
						ABN VARCHAR(30)
						URL VARCHAR(50)
						EMAIL VARCHAR(50)
						FAX_NO VARCHAR(30)
						PHONE_NO VARCHAR(30)
						NAME VARCHAR(50) Pro Sports Group
						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)
						BANK_AC_TITLE2 VARCHAR(20)
						BANK_ACCOUNT_2 VARCHAR(50)
						CREDIT_TO_TITLE1 VARCHAR(20)
						CREDIT_TO_NAME1 VARCHAR(50)
						CREDIT_TO_TITLE2 VARCHAR(20)
						CREDIT_TO_NAME2 VARCHAR(50)
						COMPANY_UDF11 VARCHAR(50)
						COMPANY_UDF12 VARCHAR(50)
						COMPANY_UDF21 VARCHAR(50)
						COMPANY_UDF22 VARCHAR(50)
						BPAY_LOGO BLOB(8)

No file selected.

Continued...

## Inventory Owner (COMPANY\_ID) continued... GS1\_COMPANY\_ID

This User Guide is designed for handling EDI Clients hence the field **GS1\_COMPANY\_ID** must hold a the number issued by GS1 to the Inventory Owner and which forms part of the SSCC Barcode Number and labels.

Typically its format will be  
(for an Australian owner company)  
'9312345' or '931234567'.

**MINDER\_WH\_ID** = 'MV' - This is the default Warehouse ID. Used when not included with Order Imports.

This ID is the 1st 2 bytes included as the prefix encoded on the Storage Location Barcodes used in the main warehouse.

**COMPANY\_LOGO** - Maybe used to print onto Manifest, Orders, Invoices and Reports. ReportMan uses embedded Logos on Reports and does not use this field. The new Client's Logo needs to be imported into the COMPANY Table and which is used on the Packing Manifest.

We suggest that the Logo has a landscape orientation with a Width to Height Ratio of about 5:1 and measures approximately 500pixels wide by 100 pixels high with minimum resolution of 300DPI.

Use either .jpg or .gif or .png image formats.

BPAY_BILLER_CODE	VARCHAR(50)	<input type="text"/>
BPAY_INSTRUCTIONS	VARCHAR(100)	<input type="text"/>
COMPANY_ID_PREFIX	VARCHAR(2)	<input type="text"/>
SEND_STAV	CHAR(1)	T
LEGACY_SYS_ADMIN_EMAIL	VARCHAR(75)	<input type="text"/>
GS1_COMPANY_ID	VARCHAR(10)	934816600
LEGACY_INTERNAL_ID	INTEGER(4)	<input type="text"/>
LEGACY_NAME	VARCHAR(50)	<input type="text"/>
MINDER_WH_ID	VARCHAR(50)	MV

COMPANY\_LOGO      BLOB(8)



Browse... No file selected.

Select the 'Browse...' button alongside the COMPANY\_LOGO field. This will display a File Explorer screen (On MS Windows platforms) to enable locating the required Logo.

Then save the image as part of the COMPANY record. The saved Logo is displayed as example shown above.



## Inventory Owner (COMPANY\_ID) continued... PO\_TEXT1

**PO\_TEXT1 & PO\_TEXT2** - Are used on Purchase Orders created by Minder System.

**HOME\_LOCN\_ID** - 'J2391602' - Used to hold last Inventory Putaway Location (inside the Default Warehouse e.g. 'MV') as part of requirement to keep all same

Inventory Owner together inside the warehouse. This field is normally updated during the Putaway Process.

Direct Receipting into a Storage Location will not update this field.

**DESPATCH\_CREATE\_PACKING\_SLIP** = 'T'. A Packing Manifest will be created as part of the Despatch processing for all Orders picked for the Inventory owner.

**DEFAULT\_DESPATCH\_PRINTER** = 'PL' This is the Device\_ID for the Despatch Manifest Printer. Usually we reserve 'PL' = Printer, Laser.

**INVOICE\_TI\_REPORT\_ID, INVOICE\_PS\_REPORT\_ID & INVOICE\_PI\_REPORT\_ID** are used to indicate which REPORTS.REPORT\_ID are used for Invoices.

PO_TEXT1	VARCHAR(255)	
PO_TEXT2	VARCHAR(255)	
HOME_LOCN_ID	VARCHAR(10)	J2391602
DESPATCH_CREATE_PACKING_SLIP	CHAR(1)	T
DEFAULT_DESPATCH_PRINTER	CHAR(2)	PL
INVOICE_TI_REPORT_ID	INTEGER(4)	
INVOICE_PS_REPORT_ID	INTEGER(4)	
INVOICE_PI_REPORT_ID	INTEGER(4)	
IMPORT_PICK_HELD_STATUS	CHAR(2)	CN
DESPATCH_PACK_SLIP_SUB_TYPE	VARCHAR(40)	.GO

**IMPORT\_PICK\_HELD\_STATUS** = 'CN' - Used to change the PICK\_ORDER.PICK\_STATUS for an import that has failed.

**DESPATCH\_PACK\_SLIP\_SUB\_TYPE** - This holds PICK\_ORDER\_SUB\_TYPE which require a Despatch Manifest to be printed with each Despatch. e.g. 'GO'. Note starts with a , (comma). If multiple ORDER\_TYPES use , (comma) inserted between each SUB\_TYPE. e.g. 'GO,MR,MB'.

## Inventory Owner (COMPANY\_ID) continued... DEFAULT\_CARRIER\_ID

**DEFAULT\_CARRIER\_ID** - Populate as this is the Default Carrier\_Id for this Inventory Owner and which is not same as the Minder Default Carrier ID (see **CONTROL.DEFAULT\_CARRIER\_ID**).

**COMPANY\_EDI\_VENDOR\_NO** - Required for EDI Order handling (e.g. ASN's). Used in the SSCC Barcode printed on the SSCC label.

**GS1\_SSCC\_DEFAULT\_EXTENSION = '3'** - This holds the SSCC Barcode's **GS1\_COMPANY\_ID** Prefix where can be from 1 to 9 but recommend 1 for Pallets and 3 for Cartons. Used in the SSCC Barcode printed on the SSCC label.

**IMPORT\_DIRECTORY** =  
 '/data/ ftpimport/import-01'  
 This is the FTP Folder into which remotely sourced Shipping Orders must be placed before they are imported.

**IMPORT\_PICK\_SUB\_TYPE = 'AZ'**  
 This is used as the PICK\_ORDER\_SUB\_TYPE if the imported Shipping Order Data file does not hold this value.

**DESPATCH\_LABEL\_PRINTER,**  
**DESPATCH\_LABEL\_PALLET\_PRINTER,**

**DESPATCH\_LABEL\_CARTON\_PRINTER,**  
**DESPATCH\_LABEL\_SATCHEL\_PRINTER,** and  
**DESPATCH\_LABEL\_OTHER\_PRINTER.**

These Printer ID selections override the Screen Printer ID. The Inventory Owner may require all labels are printed on custom Label Stationery.

**GS1 ASN PARAM ID = 'ASN1'**  
 This indicates which record in the PARAM table and the DATA\_ID field to lookup to retrieve the Advanced Shipment Notice Start and End Manifest numbers plus the Generator name used

DEFAULT_CARRIER_ID	VARCHAR(10)	MPLEASE
COMPANY_EDI_VENDOR_NO	VARCHAR(35)	9348166000009
GS1_SSCC_DEFAULT_EXTENSION	CHAR(1)	3
IMPORT_DIRECTORY	VARCHAR(75)	/data/ftpimport/import-02
IMPORT_PICK_SUB_TYPE	CHAR(2)	AZ
DESPATCH_LABEL_PRINTER	CHAR(2)	PB
DESPATCH_LABEL_PALLET_PRINTER	CHAR(2)	PB
DESPATCH_LABEL_CARTON_PRINTER	CHAR(2)	PB
DESPATCH_LABEL_SATCHEL_PRINTER	CHAR(2)	PB
DESPATCH_LABEL_OTHER_PRINTER	CHAR(2)	PB
GS1 ASN PARAM ID	VARCHAR(20)	ASN1
PICK_IMPORT_PD_LINE_ADDRESS	CHAR(1)	T

to create ASN Manifest File Name.

**PICK\_IMPORT\_PD\_LINE\_ADDRESS = 'T'**.  
 'T' indicates that must use the Despatch Address details listed in the PICK\_ITEM\_ADDRESS table rather than from the PICK\_ORDER ASddress fields. This is required for EDI Shipping Orders where there maybe multiple Deliver To Addresses e.g. DC Address then Store Address.

Use the '**SAVE**' button to save data entry.



# Inventory Owner Address (PERSON)

Inventory Owners must have Addresses such as Office Location, Postal Box details, Warehouse Address(es) and simply because of these multiple addresses we must use the PERSON\_ADDRESS table for each of these address types.

However, we must still create a record in the PERSON Table - (shown above right) and complete the following fields as a minimum....

PERSON\_ID = COMPANY\_ID e.g. 'CLOTHEZ'

PERSON\_TYPE = 'CO' - (Company, Inventory Owner)

STATUS = 'CU' - (Current Address Status)

Make sure you add an identical entry in the COMPANY\_ID field from the PERSON\_ID otherwise an error will be reported.

SAVE	CANCEL	FIRST	PREV.	NEXT	LAST	
						PERSON_ID VARCHAR(10) CLOTHEZ
						PERSON_TYPE CHAR(2) CO
						ADDRESS_LINE2 VARCHAR(50)
						CITY VARCHAR(25)
						STATE VARCHAR(15)
						POST_CODE VARCHAR(10)
						COUNTRY VARCHAR(25)
						MOBILE_NO VARCHAR(15)
						EMAIL VARCHAR(50)
						CONTACT_FIRST_NAME VARCHAR(25)
						CONTACT_LAST_NAME VARCHAR(25)
						CREATE_DATE TIMESTAMP(8)
						STATUS CHAR(2) CU
						COMPANY_ID VARCHAR(20) CLOTHEZ



# Inventory Owner (PERSON\_ADDRESS) - Sent From

The PERSON\_ADDRESS where ADDR\_TYPE = 'SF' - Sent From Address record provides the details to be printed on the Despatch Address (Connote) Label. The address should indicate where a Despatched Order can be returned to. Please contact Inventory Owner for an address.

**RECORD\_ID** = generated by System.

**PERSON\_ID** = COMPANY\_ID (same as in PERSON Table)

**ADDR\_TYPE** = 'SF' - (Sent From)

( See OPTIONS.GROUP\_CODE = 'ADDR\_TYPE'  
for complete list of Address Types).

**ADDR\_LINE1** = Address details e.g. 'Unit B'

**ADDR\_LINE2** = '1C Sydney Steel Road'

**ADDR\_SUBURB** = 'Marrickville'

**ADDR\_CITY** = Valid Metropolitan Name e.g. 'Sydney'

**ADDR\_STATE** = State e.g. 'NSW'

**ADDR\_POST\_CODE** = '2204'

**ADDR\_COUNTRY** = 'AUSTRALIA'

**ADDR\_FIRST\_NAME** = 'Pro SPorts Group'

**ADDR\_STATUS** = 'CU' - (Current Address Status)

**ADDR\_CREATED\_DATE** = uses popup DatePicker

**ADDR\_CREATED\_BY** = Your UserID

**COMPANY\_ID** = 'TIFS' - Means User with 'TIFS' Company data access can see and report this record.

**ADDR\_EDI\_LOCN\_NO** = '9377779294635' - Enables retrieving of Sent From Address for printing onto SSCC labels. Please contact Inventory owner for their Vendor Number. Remaining 3 EDI fields not used.

Save **PERSON\_ADDRESS** entries.

SAVE	CANCEL	FIRST	PREV.	NEXT	LAST	
						RECORD_ID INTEGER(4) 3390961
						PERSON_ID VARCHAR(10) PSGROUP
						ADDR_TYPE CHAR(2) SF
						ADDR_LINE1 VARCHAR(100) Unit B
						ADDR_LINE2 VARCHAR(50) 1C Sydney Steel Road
						ADDR_SUBURB VARCHAR(25) Marrickville
						ADDR_CITY VARCHAR(25)
						ADDR_STATE VARCHAR(15) NSW
						ADDR_POST_CODE VARCHAR(10) 2204
						ADDR_COUNTRY VARCHAR(25) AUSTRALIA
						ADDR_POST_4STATE_ID VARCHAR(255)
						ADDR_MOBILE_NO VARCHAR(15)
						ADDR_PHONE_NO VARCHAR(30)
						ADDR_FAX_NO VARCHAR(30)
						ADDR_EMAIL VARCHAR(50)
						ADDR_TITLE VARCHAR(10)
						ADDR_FIRST_NAME VARCHAR(100) Pro Sports Group
						ADDR_LAST_NAME VARCHAR(100)
						ADDR_STATUS CHAR(2) CU
						ADDR_CREATED_DATE TIMESTAMP(8) 2014-02-18 00:00:00
						ADDR_CREATED_BY VARCHAR(10) glenn
						COMPANY_ID VARCHAR(20) TIFS
						ADDR_EDI_LOCN_NO VARCHAR(20) 9377779294635
						ADDR_EDI_IN_HOUSE_LOCN_NO VARCHAR(20)
						ADDR_EDI_NO VARCHAR(35)
						ADDR_EDI_IN_HOUSE_NO VARCHAR(35)



# Inventory Owner (PERSON\_ADDRESS) - EDI Deliver To

The PERSON\_ADDRESS where ADDR\_TYPE = 'DT'  
- Deliver To Address record provides the details to be printed both on the Despatch Address (Connote) Label and if required, EDI SSCC labels.

An EDI Order may include 2 x Deliver To destinations:

- 1) DC (Distribution Centre) In House No. +
- 2) Retail Store In House No.

It is important to understand that a Delivery can be shipped firstly to a DC who then cross-dock and ship onto the nominated Store (using their own or another Carrier) or the Delivery is made Direct To Store.

Either way the Vendor (the Inventory Owner) must provide a list of both DC and In House Store No's and their corresponding addresses of their Customers (e.g. MYER, REBEL-SPORT, BIGW).

**EDI Orders DO NOT include typical Address lines** - they only provide an EDI In House No to indicate Destination Location.

The Warehouse\*Minder Manager must setup a process whereby new or changed Deliver EDI Numbers are requested, received and entered into the PERSON\_ADDRESS.

Warehouse\*Minder will use the EDI Location No. during EDI Order importing to look up the PERSON\_ADDRESS table to read the Address details and copy into the PICK\_ITEM\_ADDRESS table ready for printing onto the SSCC labels and Connote.

The following fields are populated in similar way as for the previous 'Sent From'

**PERSON\_ADDRESS** Type records:

**RECORD\_ID** = generated by System.

**PERSON\_ID** = 'BIGW119'

Because this field is used internally by Warehouse\*Minder (and the standard EDI Numbers are too long for this field - max 35 bytes) we cannot expect it to be supplied by the Inventory Owner. Therefore we suggest constructing from a constant prefix that uniquely indicates the Vendor's Customer e.g. 'BIGW', 'REBELP', 'MYER' then add the EDI In House No. e.g. '100', '101', '102' which when completed looks like following 'BIGW100', 'BIGW101' or 'MYER001', 'MYER004', .....

**ADDR\_TYPE** = 'SF' - (Sent From)

( See OPTIONS.GROUP\_CODE = 'ADDR\_TYPE' for complete list of Address Types).

**ADDR\_LINE1** = 'Dapto Mall, Princess Hwy'

**ADDR\_LINE2** = may not be used

**ADDR\_SUBURB** = 'Dapto'

**ADDR\_CITY** = may not be used

**ADDR\_STATE** = 'NSW'

**ADDR\_POST\_CODE** = '2530'

**ADDR\_COUNTRY** = May be blank - default to 'Australia'.

**ADDR\_FIRST\_NAME** = "BIGW DAPTO [119]"  
(Suggest concatenate with [In House No])

**ADDR\_STATUS** = 'CU'

**ADDR\_CREATED\_DATE** = DatePicker

**ADDR\_CREATED\_BY** = Your UserID

**COMPANY\_ID** = 'INSPIRE' - MUST use the Inventory Owner ID as these addresses 'belong' to them.

**ADDR\_EDI\_LOCN\_NO** = 'BIGW' maybe blank.

**ADDR\_EDI\_IN\_HOUSE\_LOCN\_NO** = '' Blank.

**ADDR\_EDI\_NO** = '937777134179'

EDI Purchase Order will include the Purchaser's **ADDR\_EDI\_NO** (but do not confuse with their In House Store No).

Please contact Inventory Owner for their Customer's **ADDR\_EDI\_NO**'s.

Please note format varies e.g.

- REBEL SPORTS' = 'REBEL-SPORT',

- BIGW's = '937777134179'.

**ADDR\_EDI\_IN\_HOUSE\_NO** = '119'.

This is the key field for handling of EDI Orders and is used inside the Customer's EDI PO to define the Deliver To Destination.

Save **PERSON\_ADDRESS** entries.



## Inventory Owner Address (PERSON\_ADDRESS) - Deliver To - Example Record

Example record shown right is used on previous page of an EDI Deliver To PERSON\_ADDRESS.

RECORD_ID	INTEGER(4)	3391282
PERSON_ID	VARCHAR(10)	BIGW119
ADDR_TYPE	CHAR(2)	DT
ADDR_LINE1	VARCHAR(100)	Dapto Mall, Princess Hwy
ADDR_LINE2	VARCHAR(50)	
ADDR_SUBURB	VARCHAR(25)	DAPTO
ADDR_CITY	VARCHAR(25)	
ADDR_STATE	VARCHAR(15)	NSW
ADDR_POST_CODE	VARCHAR(10)	2530
ADDR_COUNTRY	VARCHAR(25)	
ADDR_POST_4STATE_ID	VARCHAR(255)	
ADDR_MOBILE_NO	VARCHAR(15)	
ADDR_PHONE_NO	VARCHAR(30)	
ADDR_FAX_NO	VARCHAR(30)	
ADDR_EMAIL	VARCHAR(50)	
ADDR_TITLE	VARCHAR(10)	
ADDR_FIRST_NAME	VARCHAR(100)	BIGW DAPTO [119]
ADDR_LAST_NAME	VARCHAR(100)	
ADDR_STATUS	CHAR(2)	CU
ADDR_CREATED_DATE	TIMESTAMP(8)	2014-05-20 00:00:00
ADDR_CREATED_BY	VARCHAR(10)	glenn
COMPANY_ID	VARCHAR(20)	INSPIRE
ADDR_EDI_LOCN_NO	VARCHAR(20)	BIGW
ADDR_EDI_IN_HOUSE_LOCN_NO	VARCHAR(20)	
ADDR_EDI_NO	VARCHAR(35)	9377777134179
ADDR_EDI_IN_HOUSE_NO	VARCHAR(35)	119

# Import Product Details (PROD\_PROFILE)

The Product details are used throughout most warehousing operations and should be kept up to date at all times.

This includes Hand Held Screen Product Code and Descriptions, Desktop Screens and Reports including Enquiries by Product Code and/or Description including part Descriptions.

Product details are stored in the **PROD PROFILE** table.

A part data entry screen example is shown right.

Mandatory fields shown as **BOLD**

**PROD\_ID** - should be the Barcode Number on each Product

**SHORT\_DESC** - This is the Description is used on most screens and documents.

If **SHORT\_DESC**  
to the **PROD\_ID**.

**LONG\_DESC** - Optional - Used when Product labels are required with additional information to assist the purchaser of the Product.

**COMPANY\_ID** - Must be the Client's COMPANY ID as created in the COMPANY table. This ensures that the Product details stored in this record are used for receipting and shipping of this Client's inventory.

**ALTERNATE\_ID** - Optional, often it's the Owner's Internal Product Code.

**PROD\_TYPE** - Optional but helps grouping of Products for Reporting purposes.  
Defaults to **CONTROL.DEFAULT\_PROD**

**TYPE** which is usually 'PR'.

**STOCK** = 'C' - MUST populate with

'C' = Current on

'O' = Obsolete,

'U' = Unconfirmed - Default and which is used if a new Product Code has been created during Receipting by a Warehouse User

**UOM** = 'EA' (Default Unit of Measure).  
Must use a Code that is listed in the UOM  
Table where **UOM\_TYPE** = 'UT' - Material  
Handling Unit Type.

**ISSUE\_UOM** - Optional but defaults to UOM

**ORDER\_UOM** - Optional but defaults to UOM

**ISSUE\_PER\_ORDER\_UNIT** - Optional  
defaults to 1

**LAST\_UPDATE\_DATE** - popup date picker.

**LAST\_UPDATE\_BY** - your User ID, this must be manually edited.

SAVE	CANCEL	FIRST	PREV.	NEXT	LAST
PROD_ID	VARCHAR(30)	1000000296044			
SHORT_DESC	VARCHAR(255)	MUNGO ZINE INSIGHT			
LONG_DESC	VARCHAR(255)	MUNGO ZINE INSIGHT	[Access]		
COMPANY_ID	VARCHAR(20)	BLEACH			
ALTERNATE_ID	VARCHAR(30)	MUNGOZ			
PROD_TYPE	CHAR(2)	PR			
STOCK	CHAR(1)	C			
SPECIAL_INSTR	VARCHAR(50)				
PROD_IMAGE	BLOB(8)				
		Browse...	No file selected.		
HOME_LOCN_ID	VARCHAR(10)				
SUPPLIER_NO1	VARCHAR(40)				
SUPPLIER_NO2	VARCHAR(40)				
SUPPLIER_NO3	VARCHAR(40)				
SUPPLIER_NO1_PROD	VARCHAR(20)				
SUPPLIER_NO2_PROD	VARCHAR(20)				
SUPPLIER_NO3_PROD	VARCHAR(20)				
SUPPLIER_PREFER	VARCHAR(3)				
UOM	CHAR(2)	EA			
ISSUE_UOM	CHAR(2)	EA			
ORDER_UOM	CHAR(2)	EA			
ISSUE_PER_ORDER_UNIT	INTEGER(4)	1			
PALLET_CFG_C	CHAR(2)				
PERM_LEVEL	CHAR(1)				
SSN_TRACK	CHAR(1)				
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	DOUBLE PRECISION(8)				
LAST_UPDATE_DATE	TIMESTAMP(8)	2014-02-21 02:50:51			
LAST_UPDATE_BY	VARCHAR(10)	glenn			



# Import Product Details (PROD\_PROFILE) continued

**ISSUE\_PER\_ORDER\_UNIT** = 1 This is default value.

**ISSUE** = 1. This is default value.

**NET\_WEIGHT** - Used to hold the Product's weight without packaging. Used where Product is unpackaged and quantity picked is determined by total weight .e.g. Nuts and bolts.

If the Product is never handled in a 'Raw' state then populate with the **PACK\_WEIGHT**.

**VOLUME** - Optional - Used to calculate Shipping Volume but system uses Dimensions if they are entered. Note further down is **VOLUME\_UOM** = 'M3' Cubic Metres.

**DIMENSION\_X, DIMENSION\_Y &**

**DIMENSION\_Z** - These fields are used to store the width, depth and height measurements. Technically these are mandatory for Freight Calculations and should use the packaged external dimensions.

**DIMENSION\_X\_UOM, DIMENSION\_Y\_UOM &**

**DIMENSION\_Z\_UOM** -

The first **DIMENSION\_X\_UOM** is Mandatory.

**SSN\_TYPE** = 'PRODUCT' - Not mandatory.

Currently used for grouping fresh produce into families.

**PACK\_WEIGHT** ='0.990'

Used for Freight calculations

ISSUE_PER_INNER_UNIT	INTEGER(4)	1
ORDER_WEIGHT	NUMERIC(9,3)(4)	
NET_WEIGHT_UOM	CHAR(2)	KG
ORDER_WEIGHT_UOM	CHAR(2)	
ISSUE	INTEGER(4)	1
INNER_UOM	CHAR(2)	
INNER_WEIGHT_UOM	CHAR(2)	KG
PALLET_CFG_INNER	CHAR(2)	
PALLET_CFG_ALTERNATE	CHAR(2)	
NET_WEIGHT	NUMERIC(9,2)(4)	0.99
INNER_WEIGHT	NUMERIC(9,2)(4)	
ALTERNATE_COMPANY_ID	VARCHAR(20)	
VOLUME	DOUBLE PRECISION(8)	0.0041
UOM_SIZE	VARCHAR(10)	
MAX_WEIGHT_UNDER	SMALLINT(2)	
MAX_WEIGHT_OVER	SMALLINT(2)	
DIMENSION_X	NUMERIC(9,3)(4)	30.000
DIMENSION_Y	NUMERIC(9,3)(4)	45.000
DIMENSION_Z	NUMERIC(9,3)(4)	3.000
DIMENSION_X_UOM	CHAR(2)	CM
DIMENSION_Y_UOM	CHAR(2)	CM
DIMENSION_Z_UOM	CHAR(2)	CM
EXPORT_CATEGORY	CHAR(1)	
PICK_IMPORT	CHAR(1)	T
TEMPERATURE_ZONE	CHAR(2)	
TAX_APPLICABLE	CHAR(1)	T
SSN_TYPE	VARCHAR(40)	PRODUCT
PP_PACKAGE_TYPE	CHAR(2)	
PP_MATERIAL_SAFETY_DATA	CHAR(1)	F
PP_MATERIAL_SAFETY_DATA_NO	VARCHAR(40)	
PP_HAZARD_STATUS	VARCHAR(5)	
PP_HAZARD_WARNING	VARCHAR(128)	
PP_HAZARD_IMAGE1	INTEGER(4)	
PP_HAZARD_IMAGE2	INTEGER(4)	
PP_HAZARD_IMAGE3	INTEGER(4)	
VOLUME_UOM	VARCHAR(10)	M3
PACK_WEIGHT	NUMERIC(9,3)(4)	0.990

# Data Identification (PARAM)

Automatic Data Identification is key to fast and accurate Data Collection Systems.

The need to identify the Data Type is important at many stages of inventory handling including Order Checking prior to its Despatch.

The PARAM table defines the Data Types used inside the Warehouse typically:

- Storage Location Barcodes e.g. 'MVJ1010201' (Code 93)
- ISSN/Putaway Barcodes e.g. '10001234' (Code 128)
- Product Codes e.g. '9331002191085' (GS1 GTIN 13)
- Carrier Consignment Barcode Numbers e.g. '99700160BBE4000002010 224092704' (eParcel Code 128)
- Shipping/Sales/Pick Order Numbers e.g. 'S00099675' (Code 128)

The objective is to ensure each Data Type is able to be unambiguously identified.

The MINDER Series PARAM table is used to identify the Data Type via a number of properties:

- Length (**MAX\_LENGTH**) e.g. '13'
  - Fixed or Variable (**FIXED\_LENGTH**) e.g. 'T'
- Barcode Symbology Prefix (Please note not all of the Hand Held screens use Barcode Symbology for data identification). (**SYMOLOGY\_PREFIX**) e.g. ']E0'
- Regular Expressions (see [http://en.wikipedia.org/wiki/Regular\\_expression](http://en.wikipedia.org/wiki/Regular_expression) if you are not familiar with the term). (**DATA\_EXPRESSION**) e.g. '[0-9]\*'

If a new Client's PRODUCT\_CODE is different to the current standard e.g. '123456' with Interleaved 2 of 5 Barcode then additional entries will be required to enable concurrent Data Type Identifications.

Hence a new **PARAM** record needs to be added where:

**DATA\_ID** = 'PROD\_I2OF5'

**MAX\_LENGTH** = '6' (Ignore DATA\_TYPE as this is not currently used)

**FIXED\_LENGTH** = 'T'

**SYMOLOGY\_PREFIX** = ']I0' (I= Interleaved 2 of 5 - uses AIM standard)

**DATA\_EXPRESSION** = '[0-9]\*' (This means any numeric character)

**GLOBAL\_SEARCH** = 'T' - Used by TOOL\*MINDER

The empty fields shown below are used for Menu navigation and number generation algorithms.

**DATA\_TYPE\_ID** = 'PROD\_ID' - This is the Database field name for Product Codes. It enables multiple PRODUCT\_CODE Formats.

SAVE	CANCEL	FIRST	PREV.	NEXT	LAST
		DATA_ID	VARCHAR(20)	PRODUCT_CODE	
		MAX_LENGTH	INTEGER(4)	13	
		DATA_TYPE	CHAR(1)	1	
		FIXED_LENGTH	CHAR(1)	T	
		SYMOLOGY_PREFIX	VARCHAR(20)	]E0:	
		DATA_EXPRESSION	VARCHAR(40)	[0-9]*	
		GLOBAL_SEARCH	CHAR(1)	T	
		MENU_NAME	VARCHAR(40)		
		TABLE_NAME	VARCHAR(40)		
		FIELD_NAME	VARCHAR(40)		
		MENU_URL	VARCHAR(255)		
		DATA_PREFIX	VARCHAR(15)		
		DATA_SUFFIX	VARCHAR(15)		
		DATA_START_NO	INTEGER(4)		
		DATA_END_NO	INTEGER(4)		
		DATA_GENERATOR	VARCHAR(31)		
		DATA_SEQUENCE	INTEGER(4)		
		DATA_TYPE_ID	VARCHAR(20)	PROD_ID	



## Edit Shipping Manifest

Currently The MINDER Series uses one of two Open Sourced Reporting Toolsets:

- **Report Manager**, and
- **JasperReports**.

The default MINDER Series Reporting Toolset is **Report Manager** which is a reporting application (Report Manager Designer) and a set of libraries and utilities to preview, export or print reports. Includes native .Net and Delphi/C++Builder libraries, ActiveX component and also standard dynamic link library for use in any language like GNU C. This toolset is only able to run on 32Bit Operating Systems.

**JasperReports** is an open source Java reporting tool that can write to a variety of targets, such as: screen, a printer, into PDF, HTML, Microsoft Excel, RTF, ODT, Comma-separated values or XML files. It can be used in Java-enabled applications, including Java EE or web applications, to generate dynamic content. It reads its instructions from an XML or .jasper file.

JasperReports requires the installation of Apache Tomcat (or simply Tomcat, formerly also Jakarta Tomcat) to run.

Tomcat is an open source web server and servlet container developed by the Apache Software Foundation (ASF). Tomcat implements the Java Servlet and the JavaServer Pages (JSP) specifica-

tions from Sun Microsystems, and provides a "pure Java" HTTP web server environment for Java code to run in.

B&DCS has found that the JasperReports requires considerably more Server computing resources and is best suited to sites that have in-house Java developer skills.

This User Guide will detail the editing of **Report Manager**.

The following is only a brief description of how to use Report Manager.

It is assumed that the User has Report Writing Software skills such as with Crystal Reports™ or similar products.

As with most report writing toolsets considerable training and up-to-date practice is required to master.

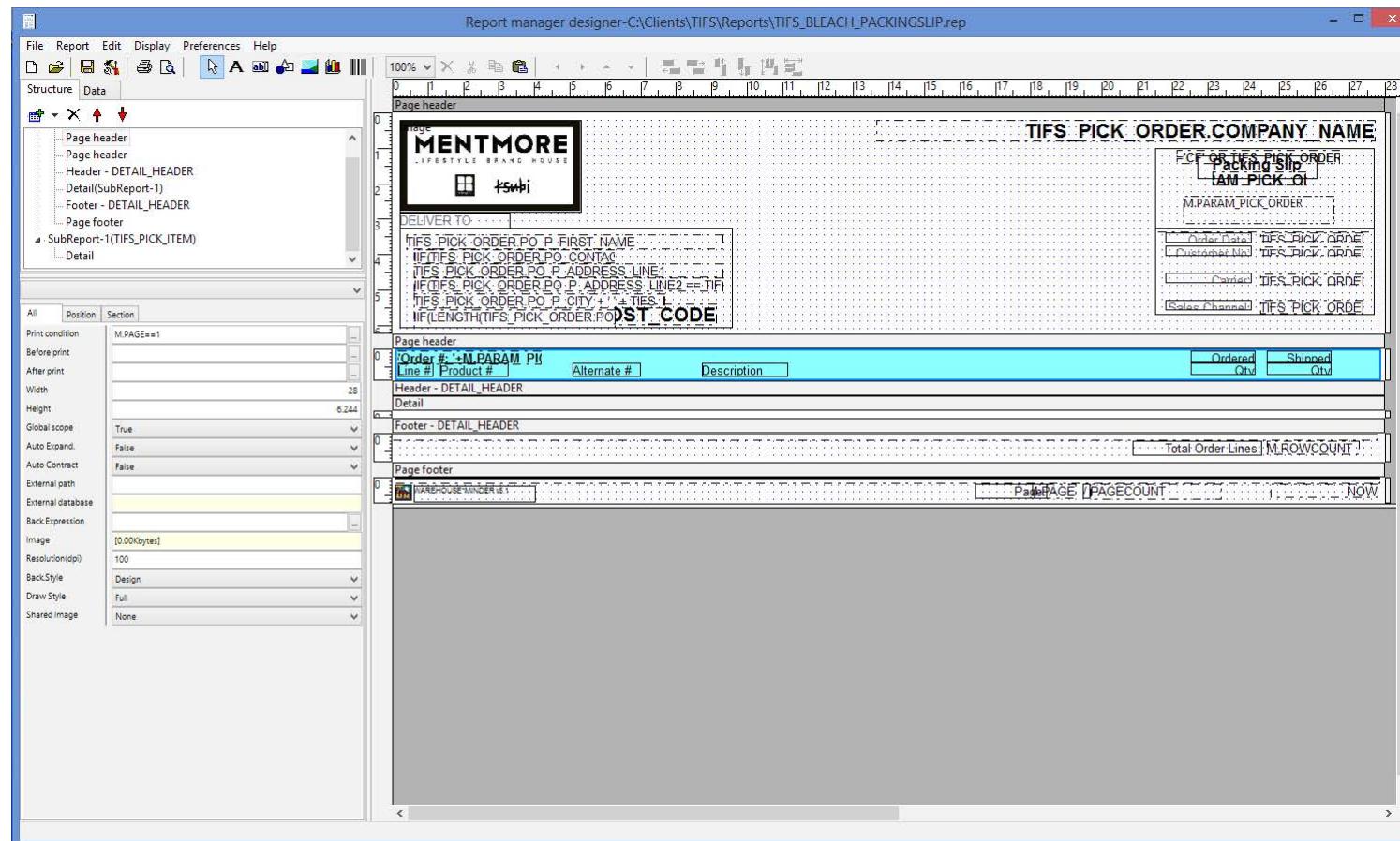
B&DCS Support Contract does not include how to use Report Manager Designer.

The following User Guide Notes will however provide sufficient guidance to modifying the supplied ReportMan Report used to create the Despatch Manifest.



# Edit Shipping Manifest continued...

Report Manager (ReportMan) Designer looks like the following screen with slight variations between Windows and Linux platforms....



Select the 'Inserts an image' icon and then hold down left mouse button and stretch out rectangle alongside of the current logo to match its Width (5.121 cm) and Height (2.619cm).

Click on current logo ('Mentmore') to get it's current Width and Height values.

At this stage you have only created the size and location of the new logo.

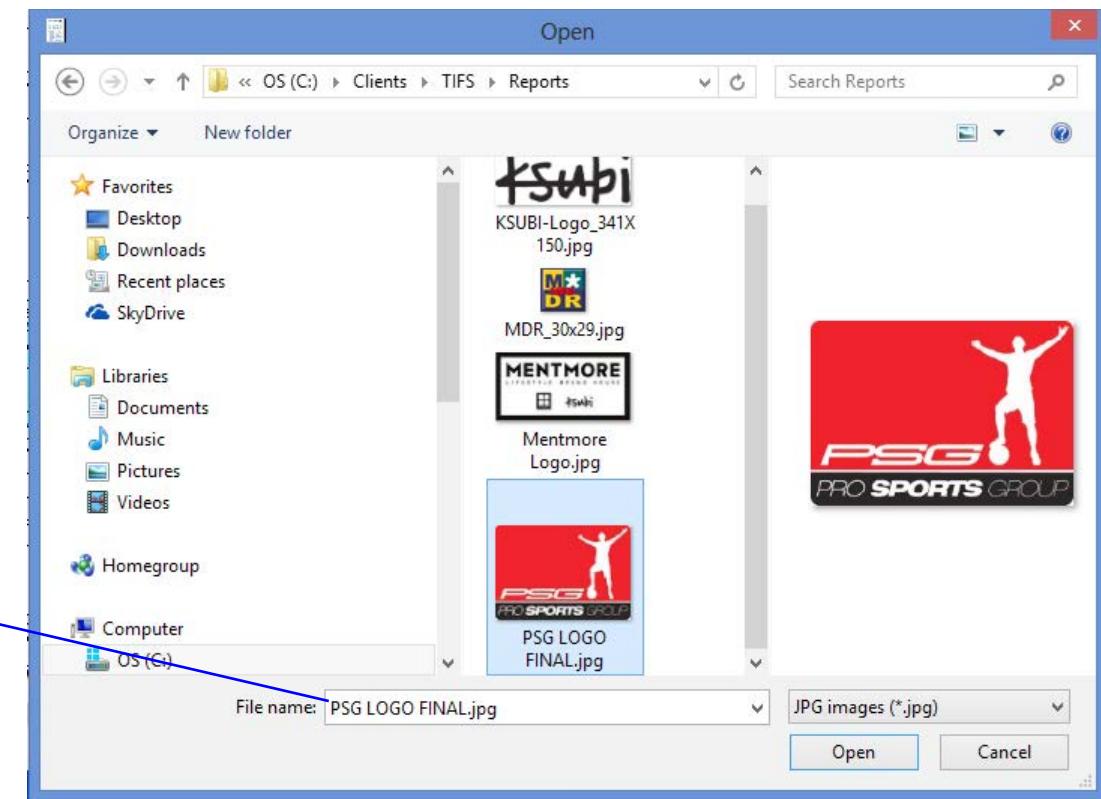
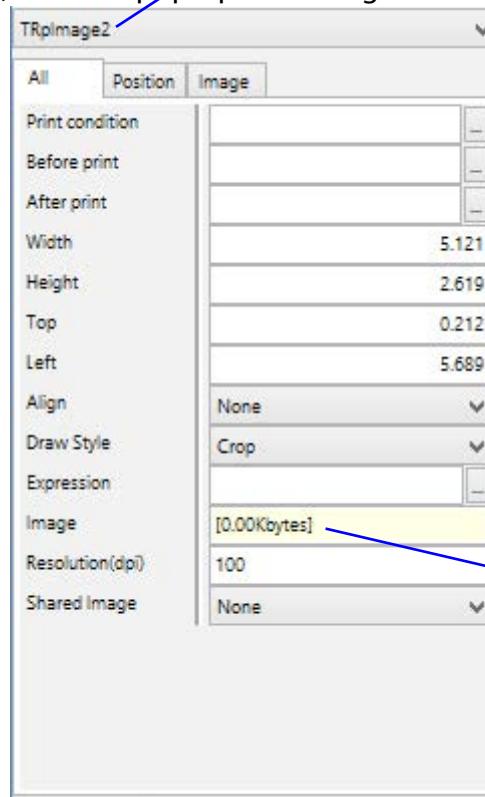
The screenshot shows the Report Manager Designer interface with the title bar "Report manager designer-C:\Clients\TIFS\Reports\TIFS\_BLEACH\_PACKINGSLIP.rep". The menu bar includes File, Report, Edit, Display, Preferences, and Help. The toolbar contains various icons for file operations and report design. A blue line points from the text above to the "Image" icon in the toolbar. Another blue line points from the text below to the "Image" icon in the toolbar. The main workspace displays a report structure with sections like Page header, Header - DETAIL\_HEADER, Detail(SubReport-1), Footer - DETAIL\_HEADER, and Page footer. A SubReport-1 (TIFS\_PICK\_ITEM) is expanded to show a Detail section. On the right, a preview pane shows a logo for "MENTMORE LIFESTYLE BRAND HOUSE" and some text fields. The bottom pane shows the report structure with a highlighted "Order #: "+M.PARAM\_P1 line. The bottom left pane shows the properties for "TRplimage2", including Print condition, Before print, After print, Width (5.121), Height (2.619), Top (0.212), and Left (5.689). The bottom right pane shows the report structure again.

# Select Logo Image File

Once you have created the Image area we need to select the image (Logo) to be displayed inside the area.

Click on the created image (each of its four corners will have small square solid blocks) and look at its properties - see 'TRpImage2' below.

Then click in the 'Image' input field (light yellow colour). This will pop-up File dialog screen ...



Select the required Logo e.g. 'PSG LOGO FINAL.jpg' shown above.

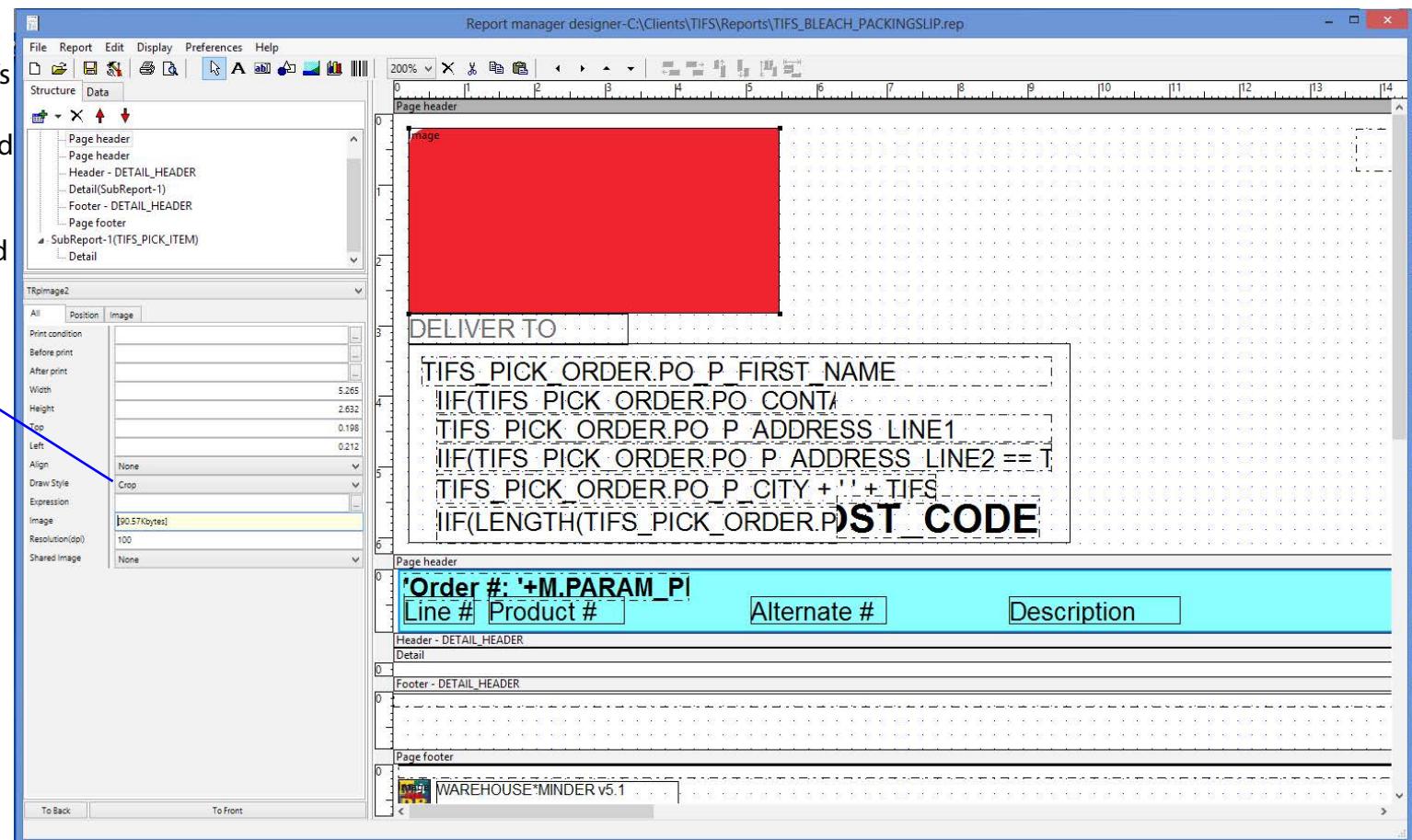
After selecting the required Logo image and then 'Open' button the image is filled with the logo.

Drag the image area back over the top of the existing Logo.

At this point we cannot make out it's the required logo. We need it to be reduced until it occupies the defined image area.

Note the TRPImage2 Property called 'Draw Style' = 'Crop'.

Select from the drop down list the 'Stretch' (please excuse the Spanish Developers spelling of Stretch).





The screen should now display the complete  
Logo....

The screenshot shows the Report manager designer interface with the title "Report manager designer-C:\Clients\TIFS\Reports\TIFS\_BLEACH\_PACKINGSLIP.rep". The left pane displays the report structure with sections like Page header, Header - DETAIL\_HEADER, Detail(SubReport-1), Footer - DETAIL\_HEADER, and Page footer. A sub-report "SubReport-1(TIFS\_PICK\_ITEM)" is expanded under the Detail section. The main pane shows a red background with a white silhouette of a person jumping over a ball, followed by the text "PSG PRO SPORTS GROUP". Below this is a "DELIVER TO" section containing several text fields with expressions. At the bottom, there is a table header with columns "Order #", "Line #", "Product #", "Alternate #", and "Description". The "Product #" column is highlighted in cyan. The right side of the interface includes a toolbar with various icons and a ruler at the top.

But we are not yet finished.

We only require the 'PRO SPORTS GROUP' Logo whenever the Order belongs to the PS Group. Similarly, when the Order is for another Client we need to have the correct logo printed.

To achieve this we hope you observed the 'TRPImage2' Property called 'Print Condition'?

We need to enter an expression that is evaluated whenever the document is about to be printed.

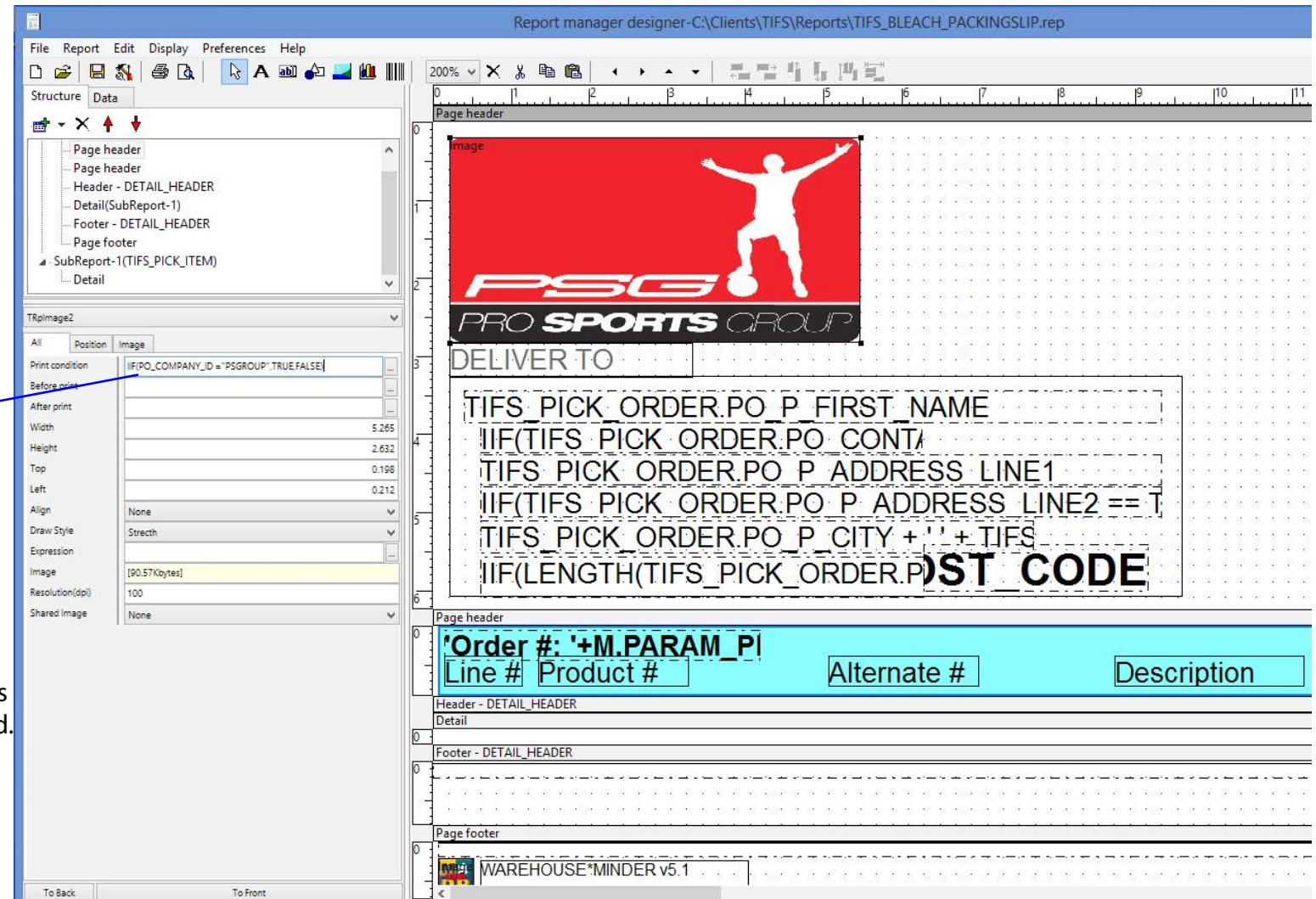
The screenshot shows the Report Manager Designer interface with the file C:\Clients\TIFS\Reports\TIFS\_BLEACH\_PACKSLIP.rep open. The left pane displays the report structure with sections like Page header, Header - DETAIL\_HEADER, Detail, Footer - DETAIL\_HEADER, and Page footer. The right pane shows the report design area. A logo for 'PRO SPORTS GROUP' is placed in the Page header. Below it is a table for picking orders. The 'Print condition' property for the logo is highlighted with a blue arrow, containing the expression `IIF(TIFS_PICK_ORDER.PO_P.CUSTOMER_ID = 'TIFS')`. Another blue arrow points to the 'Print condition' property for the table, containing the expression `IIF(TIFS_PICK_ORDER.PO_P.CUSTOMER_ID = 'TIFS')`.

# Entering a Print Condition Expression

Enter an expression into the Print Condition field:

IIF(PO\_COMPANY\_ID='PSGROUP',  
TRUE, FALSE)

If the current Order belongs (PICK\_ORDER.COMPANY\_ID) to the Client = 'PSGROUP' then the expression returns 'TRUE' in which case the PS Group Logo is printed. On the otherhand if the Order is for another Client then a 'FALSE' result is returned and the Logo is not printed.



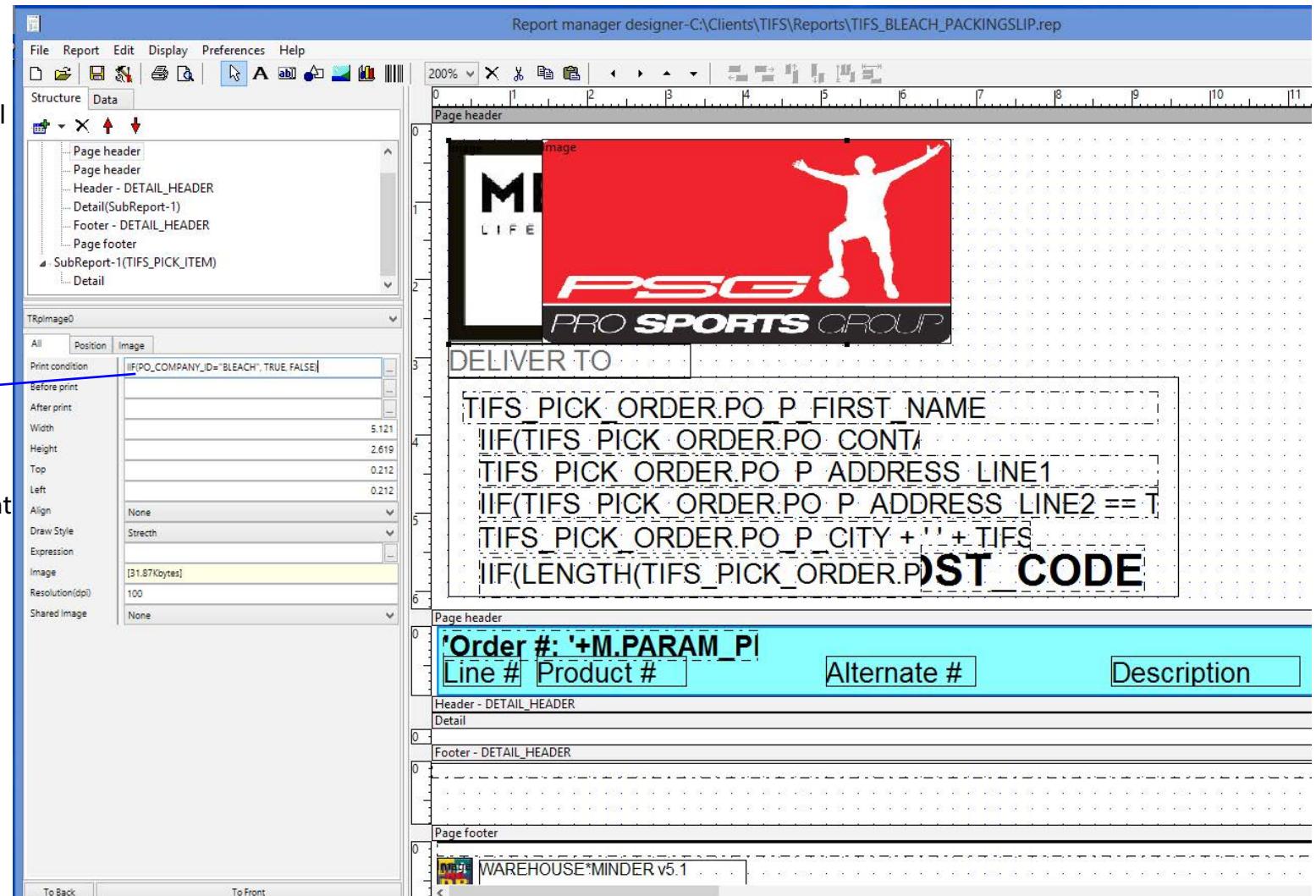
However, what about the original logo (Mentmore)?

There is currently no 'Print Condition' expression so it will be printed everytime.

We of course need to add it's own Print Condition expression.  
Just move the PS Group image slightly aside to reveal the image underneath, select it and then add

IIF(PO\_COMPANY\_ID='BLEACH,  
TRUE, FALSE).

Repeat adding a new Logo and Print Condition expression for each new Client.





# Report Manager

## Install Report Manager

Use Google to search 'ReportMan Download' and which should take you to the following URL:

[reportman.sourceforge.net/download.html](http://reportman.sourceforge.net/download.html)

Download

To download Report Manager you must go to sourceforge project.

<http://sourceforge.net/projects/reportman>

Download and install using default settings (but make sure you use 32Bit or 64Bit to match your Desktop Operating System) ....

Home / Browse / Report Manager

### Report Manager

Reporting tool, libraries and designer  
Brought to you by: tonim

Summary Files Reviews Support Tickets Code SVN

★ 4.8 Stars (32)  
↓ 328 Downloads (This Week)  
Last Update: 2013-12-13  
Tweet 0 G+ 1 Like 3

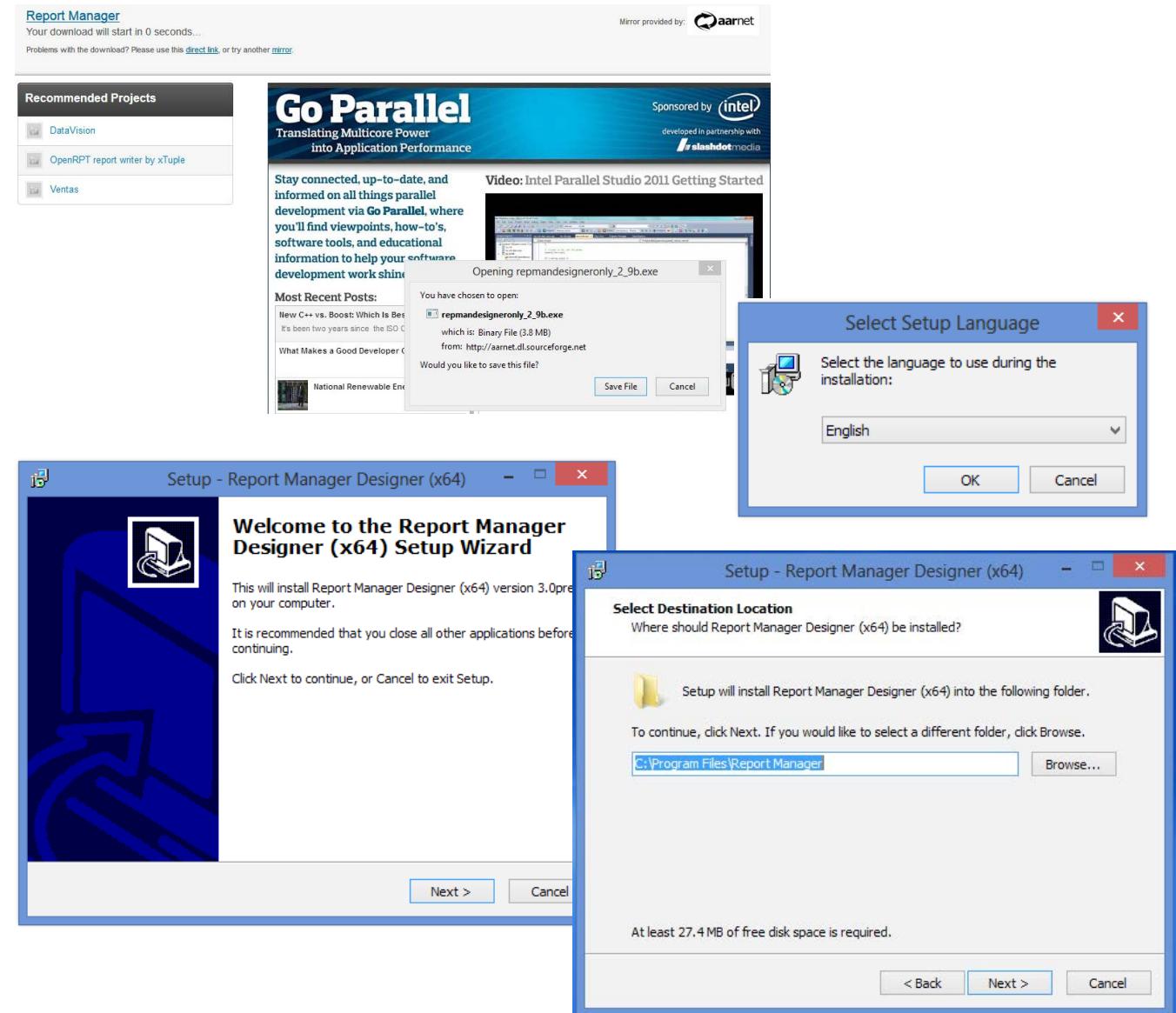
[Download](#) (repmadesigneronly\_2\_9b.exe)

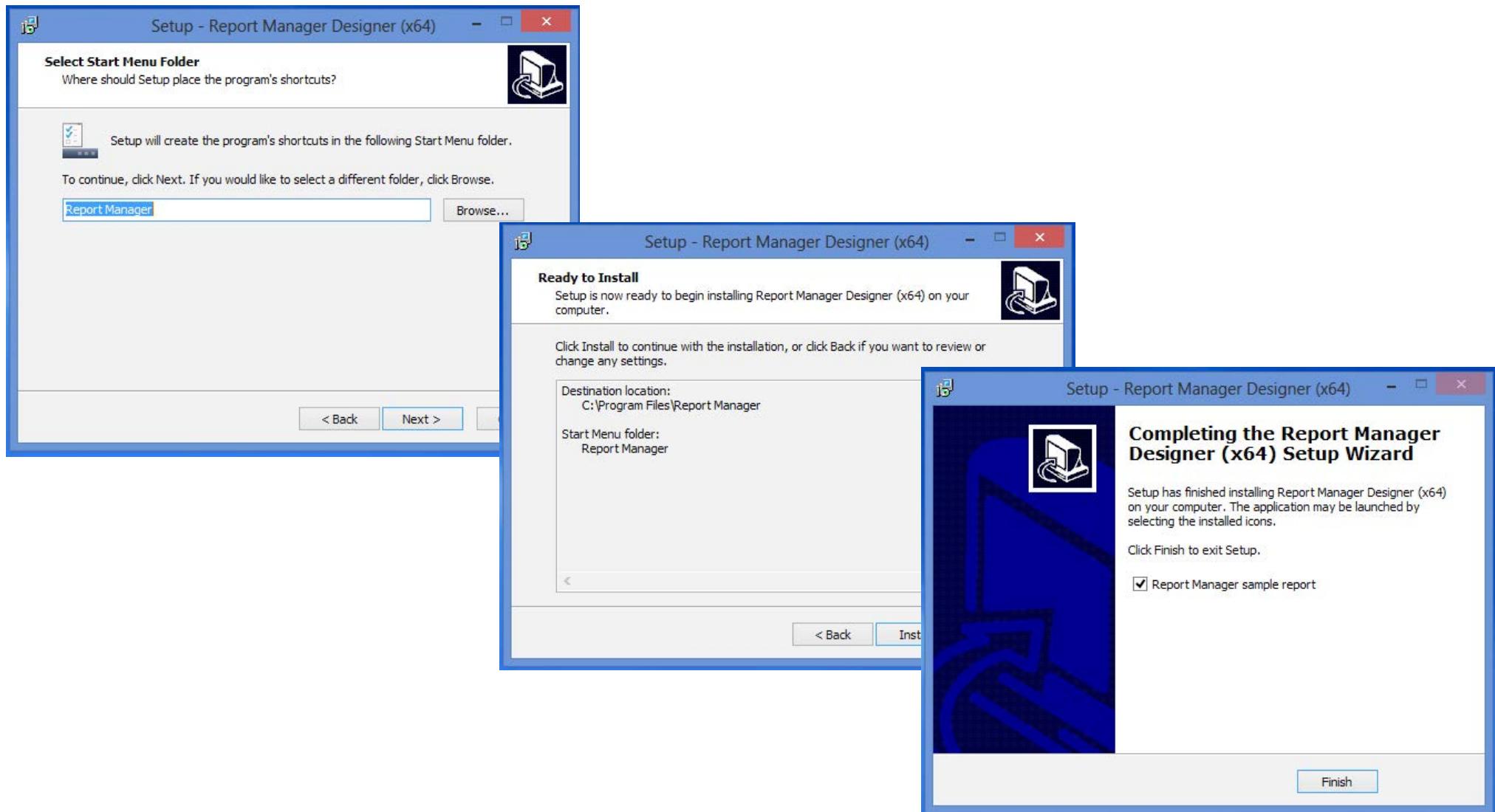
Browse All Files

Description

Report Manager is both a print scheme designer (report) and a high level printing (reporting) engine. Also a TCP Report Server and a Web Report Server (PDF on the fly), supports Windows and Linux. Connectivity to almost all databases is provided.

[Report Manager Web Site >](#)

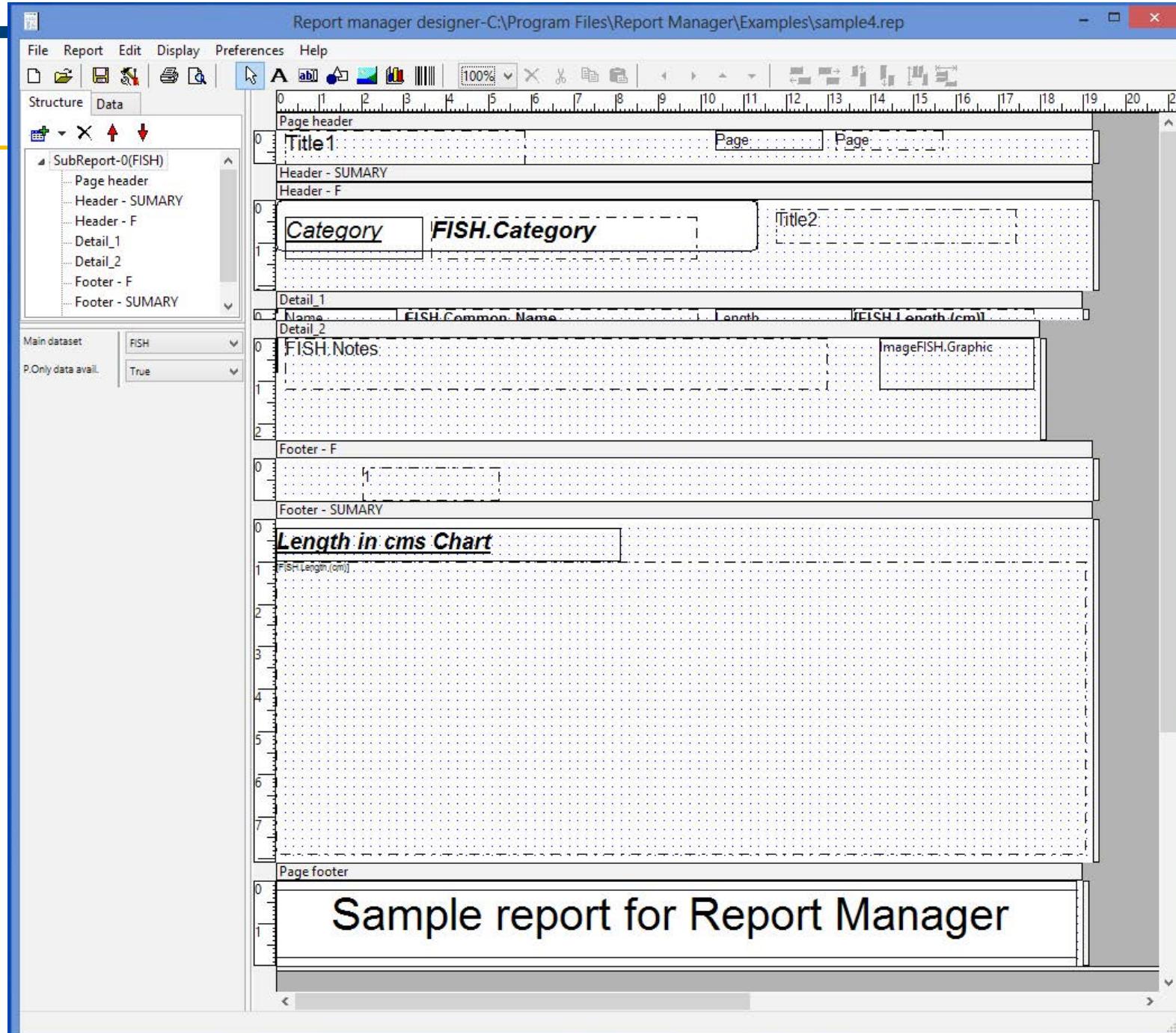




Start up ReportMan and Open their sample.rep which should be similar to Report shown right...

We still have to install Firebird Database Client before we can start to work with Manifest.

Report manager designer-C:\Program Files\Report Manager\Examples\sample4.rep



The screenshot shows the Report manager designer interface with the following details:

- File Bar:** File, Report, Edit, Display, Preferences, Help.
- Toolbars:** Standard, Font, Text, Images, Tables, Charts, Data.
- Structure View:** Shows the report structure with sections like Page header, Header - SUMMARY, Header - F, Detail\_1, Detail\_2, Footer - F, Footer - SUMMARY, and SubReport-0(FISH) which contains Page header, Header - SUMMARY, Header - F, Detail\_1, Detail\_2, Footer - F, and Footer - SUMMARY.
- Main Dataset:** Set to "FISH".
- P.Only data avail.:** Set to "True".
- Report Content:**
  - Header:** Title1, Page: \_\_\_\_\_, Page: \_\_\_\_\_.
  - Detail:** Category, **FISH.Category**, Title2.
  - Table:** FISH

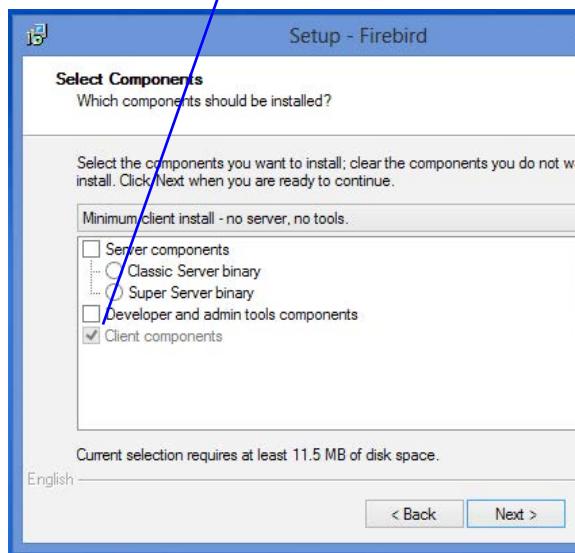
Name	FISH.Common.Name	Length	[FISH Length (cm)]
0	FISH.Notes		ImageFISH.Graphic
1			
2			

  - Footer:** Length in cms Chart, FISH.Length,(cm).
  - Page Footer:** Sample report for Report Manager.

## Install Firebird SQL Client

Firebird SQL Client Software is required before ReportMan can connect to the MINDER Database.

The following pages describe the installation of Firebird which to unfamiliar Users requires the complete Firebird System to be downloaded but at installation ONLY INSTALL the '**Client components**'.



www.firebirdsql.org/en/downloads/ firebirdsql download

Contact Us | Site Map Search Google™ Custom Search

**Firebird** True universal open source database

HOME ABOUT FIREBIRD DOCUMENTATION DOWNLOADS COMMUNITY SUPPORT DEVELOPMENT CASE STUDIES

You are here: Home > Downloads

**Server Packages**

- Firebird 2.5
- Firebird 2.1
- Snapshot Builds
- Discontinued
  - Firebird 2.0
  - Firebird 1.5
  - Firebird 1.0

**Latest Release 2.5.2**

New features and improvements are available.

[Read More](#)

**Contributing to Firebird**

You can contribute to development of the Firebird project.

[Contribute](#)

**Tracker**

Report bugs directly to the project developers.

[Report](#)

**Downloads**

In this section you can download Firebird installation packages, drivers and additional tools. If you intend to start new project, we strongly recommend using the most recent version of Firebird.

**Server Packages**

In the "Server Packages" section you can find released versions of Firebird: Firebird 2.5, Firebird 2.1, etc. By default the most recent minor release is listed at the top of the appropriate download page.

**Supported Platforms**

Firebird 2.5 runs on Windows (32- and 64-bit), various Linux versions (32- and 64- bit), Solaris (Sparc and Intel), HP-UX (PA-Risc) and MacOS X. Main development is done on Windows and Linux, so new releases are usually offered first for these platforms, followed by other platforms after a few weeks.

**Snapshot Builds**

For those who are interested in beta-testing of the newest features please download "Snapshot Builds". However, we recommend not using them in production environments.

**Connectivity**

In the "Connectivity" section you can download drivers to work with Firebird: Java, .NET, Python and ODBC. In the "More Drivers" sub-section there is a collection of links to third-party drivers, both free and commercial.

**Other Downloads**

In the "Other Downloads" section you can find useful add-ons for Firebird like full text search integration modules.

# Select 32Bit or 64Bit System

Select Firebird-2.5.2.xxxx xWin32.exe or x64.exe  
to match your desktop Operating System...

32-bit Classic, Superclassic & Superserver			
March 24, 2013	<a href="#">Firebird-2.5.2.26540_0_Win32.exe</a>	7 MB	Windows executable installer for full Superclassic/Classic or Superserver; recommended for first-time users
March 24, 2013	<a href="#">Firebird-2.5.2.26540-0_Win32.zip</a>	10 MB	Zip kit for manual/custom installs of Superclassic/Classic or Superserver

64-bit Classic, Superclassic & Superserver			
March 24, 2013	<a href="#">Firebird-2.5.2.26540_0_x64.exe</a>	10 MB	Windows executable installer for full Superclassic/Classic or Superserver; recommended for first-time users
March 24, 2013	<a href="#">Firebird-2.5.2.26540-0_x64.zip</a>	12 MB	Zip kit for manual/custom installs of Superclassic/Classic or Superserver



sourceforge.net/projects/firebird/files/firebird-win64/2.5.2-Release/Firebird-2.5.2.26540\_0\_x64.exe/do...

firebirdsql download

Log In or Join

Firebird

Your download will start in 0 seconds...

Mirror provided by: UFRP C3 SL

Recommended Projects

- FlameRobin
- Unified Interbase
- ZeosLib

**MAXIMIZE VELOCITY AND SPEED PAST NETWORK DOWNTIME!**

Bandwidth Analyzer Pack deploys fast, in less than 1 hour.

TRY IT FREE »

Opening Firebird-2.5.2.26540\_0\_x64.exe

You have chosen to open:

Firebird-2.5.2.26540\_0\_x64.exe

which is: Binary File (9.7 MB)

from: http://ufpr.dl.sourceforge.net

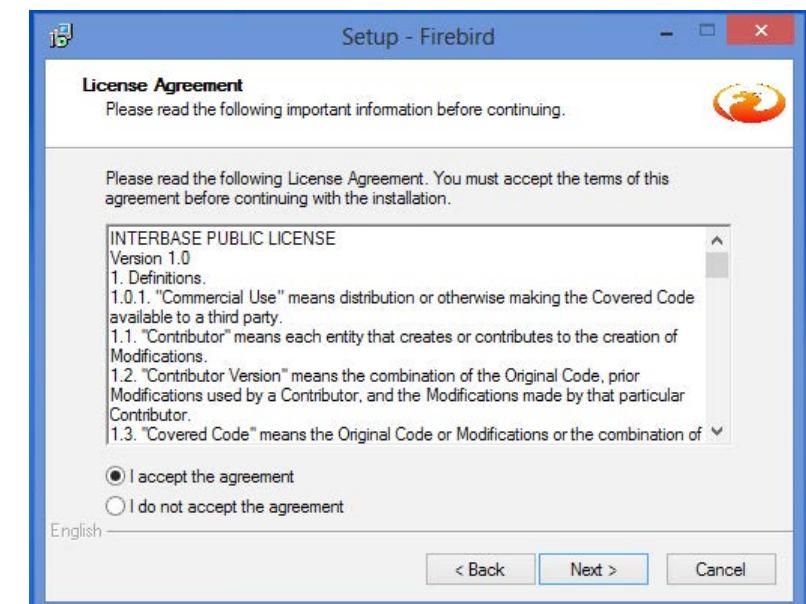
Would you like to save this file?

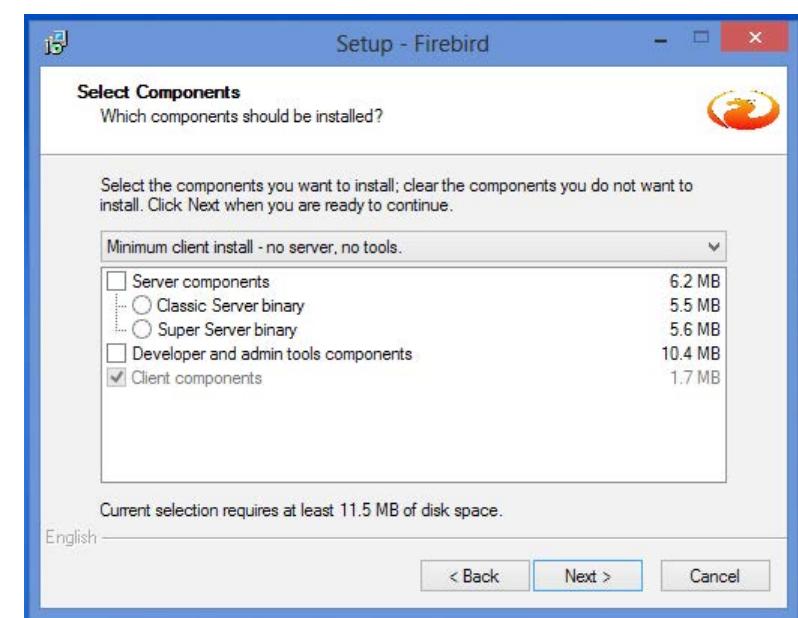
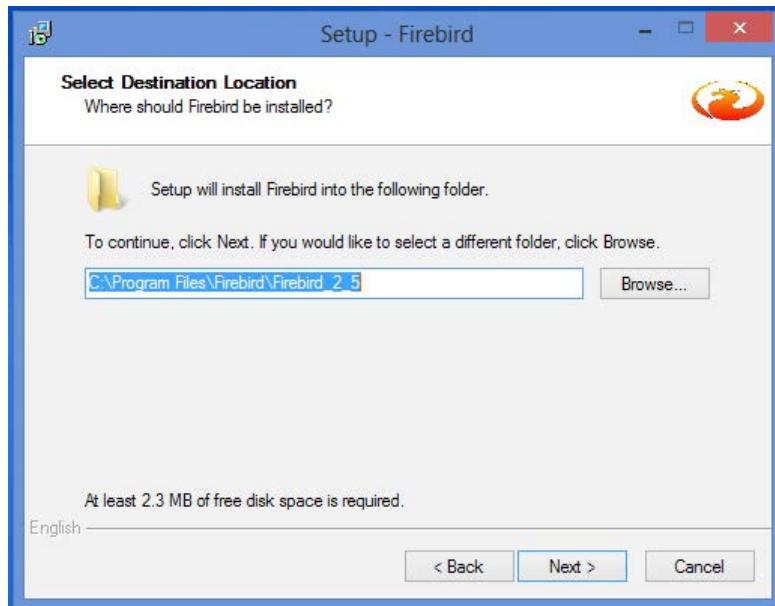
Save File Cancel

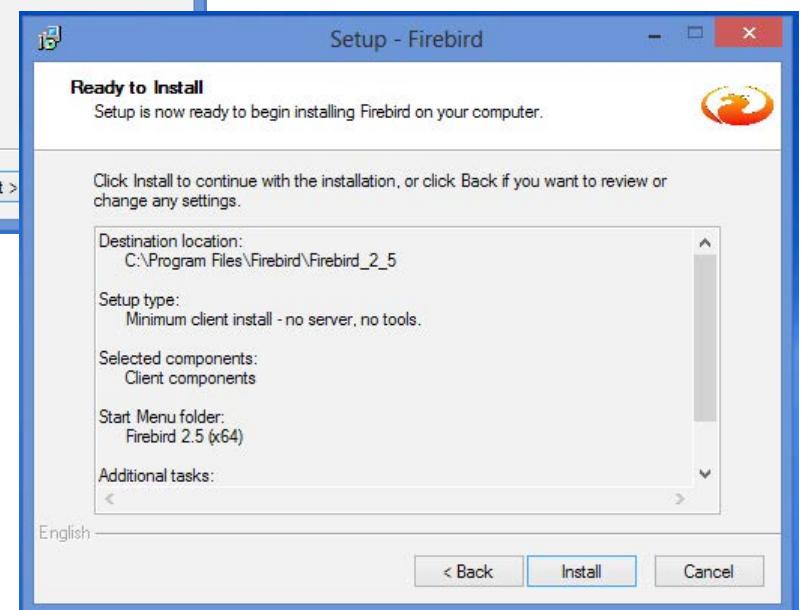
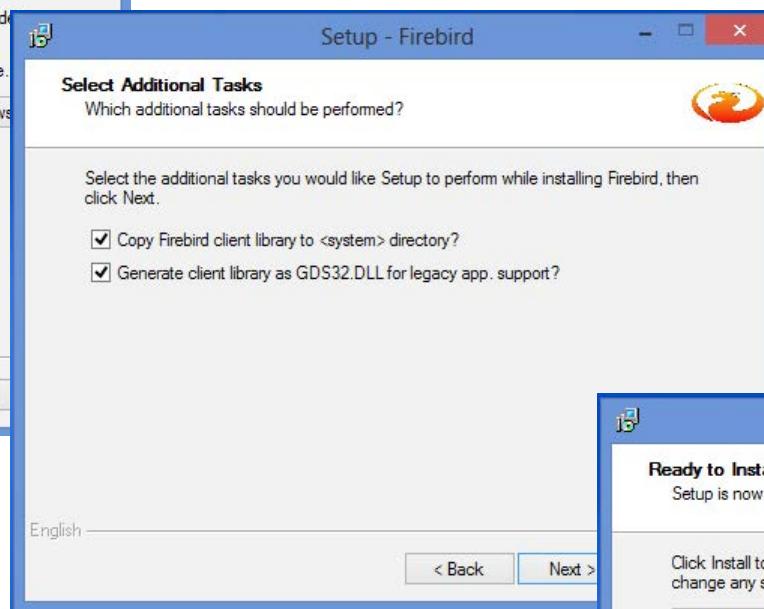
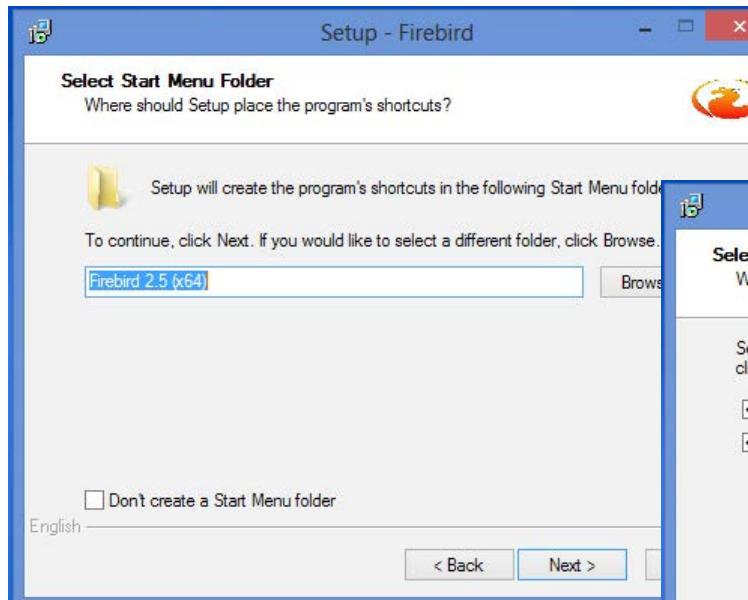


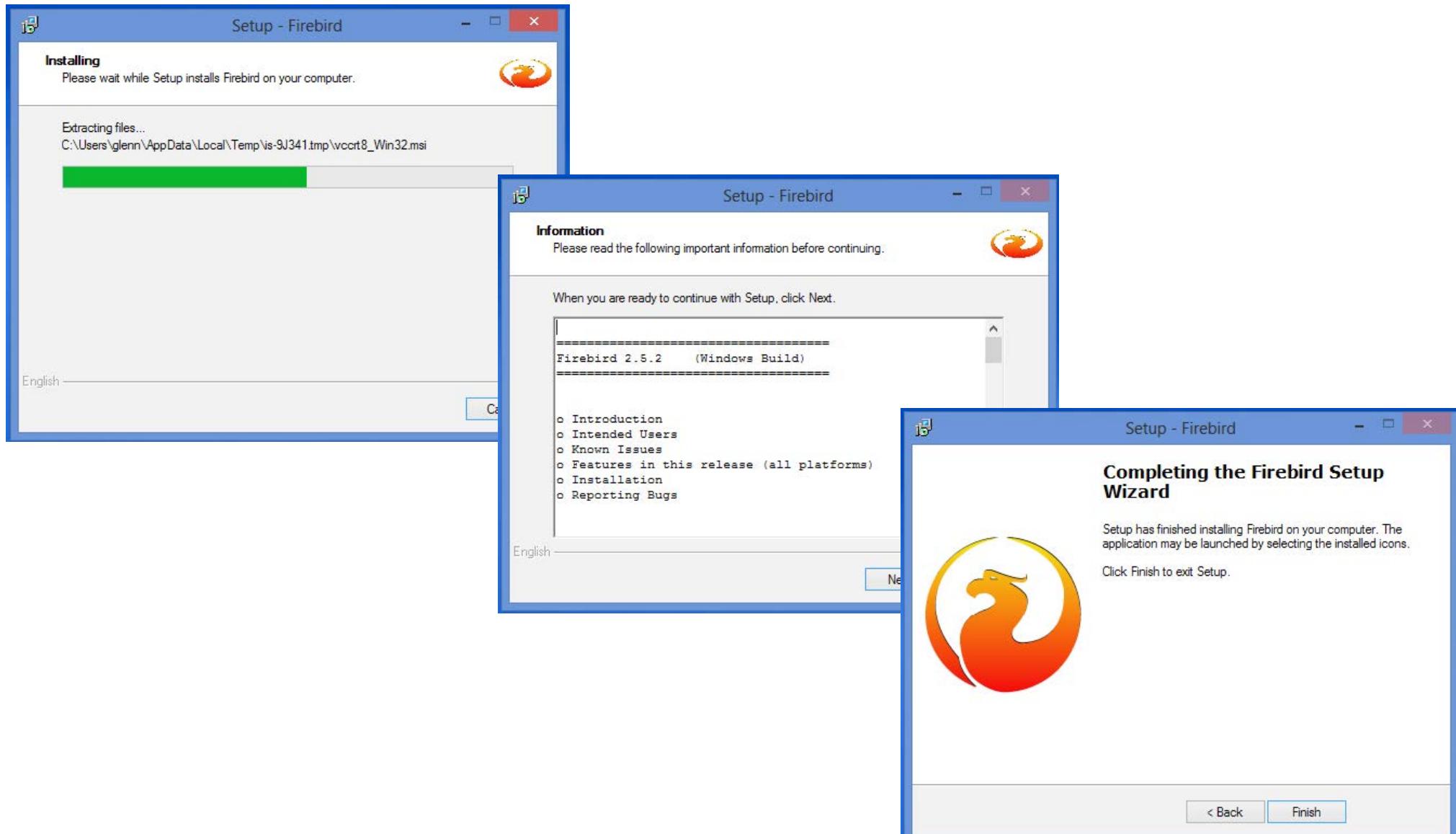
Locate the saved .exe and execute (may need to Run as Administrator on Windows 7+....)

Name	Date modified	Type	Size
Firebird-2.5.2.26540_0_x64.exe	21/02/2014 9:40 AM	Application	9,968 KB











# FTP Folder Locations

Currently we are using one FTP Folder for all Clients' to place ('Put' is the FTP terminolgy) their Orders Data file.

This is not practical when there are multiple Clients.

B&DCS have set up a batch of 10 x FTP folders which only 1 Folder is to be assigned to each Client.

Each Client will require a User ID and password.

USERNAME	PASSWORD	COMPANY_ID
import-00	salesOrders	BLEACH
import-01	salesOrders	PSGROUP
import-02	salesOrders	STEM
import-03	salesOrders	INSPIRE
import-04	salesOrders	
import-05	salesOrders	
import-06	salesOrders	
import-07	salesOrders	
import-08	salesOrders	
import-09	salesOrders	

**Please restrict publication of these passwords.**



# Release Notes

---

---

v2 - 25/2/2014 -

v3 - 14/3/2014 -

v4 - 18/3/2014 - Update for EDI Address handling