

# **DSD Business Systems**

Sage 100 Enhancements

# 1220

## Apparel Matrix for Inventory & Sales Order IM-1220

Version 7.10





Information in this document is subject to change without notice.

Copyright 1993-2023, DSD Business Systems All rights reserved.

Apparel Matrix for Inventory & Sales Order User's Manual Version 7.10

28 December, 2023

DSD Business Systems 8787 Complex Drive Suite 400 San Diego, CA 92123 858/550-5900 8:00am to 5:00pm PST 858/550-4900 Fax

#### Trademarks

**ProvideX**<sup>®</sup> is a Trademark of Sage Software.

Windows is a trademark of Microsoft Corporation.

Sage 100<sup>®</sup> is a registered trademark of Sage Software.

PXPlus <sup>®</sup> is a registered trademark of PVX Plus technologies

All other product names and brand names are service marks, and/or trademarks or registered trademarks of their respective companies.

This documentation and the software described herein, is prepared and published under license. Sage Software has not tested or verified either the software or any representation in this documentation regarding the software. Sage Software does not make any warranty with respect to either this documentation or the software described herein, and specifically disclaims any warranty, express or implied, with respect hereto, including the warranties of fitness for a particular purpose and merchantability.

2

## **Table of Contents**

SECTION A: INTRODUCTION	4
Web Resources Support Apparel Matrix for Inventory & Sales Order Features	
SECTION B: GETTING STARTED	6
Required Levels Installation DSD Enhancement Control Panel	6
SECTION C: SETUP	10
SECTION D: SYSTEM OPERATIONS	12
GROUP MAINTENANCE ITEM MAINTENANCE INVENTORY ITEM LISTING SALES ORDER AND INVOICE ENTRY – LIST BOX METHOD SALES ORDER AND INVOICE ENTRY – GRID METHOD MERGING ITEMS ASSOCIATED ITEM LOOKUP FORMS VISUAL INTEGRATOR ODBC DICTIONARY	13 16 16 17 19 20 20 21
SECTION E: UNINSTALL DSD ENHANCEMENTS	22

### **Section A: Introduction**

This manual contains a description and instructions for this DSD product. Operating instructions are included for the features added by this product to Sage 100. For instructions on using Sage 100, refer to the appropriate Sage 100 manual, or call your Sage 100 reseller. DSD Business Systems offers excellent Sage 100 support, at an hourly rate.

#### Web Resources

DSD web site: http://www.dsdinc.com

The Enhancement page contains:

Current Release Schedule Purchasing Information Installation Instructions Product Support Enhancement Links

I220 Apparel Matrix for Inventory & Sales Order:

http://www.dsdinc.com/enhancement/apparel-matrix-for-inventory-and-sales-order-2

The product web page contains:

Product Description Web Links Current Product Version Table Product Installation File Download Product Manual in .pdf Format Revision History FAQ

#### Support

DSD provides product support through Sage 100 resellers. Support is provided for the current version. Older versions are supported at an hourly rate. DSD's telephone number is **858-550-5900**. Fax: **858-550-4900**.

For a hard error, where the program displays an error dialog, report:

Error number. Program name. Line number. Program version. Exact sequence that caused the error, including menus and menu selections. Other pertinent information.

If leaving a message or faxing, please include:

*Your name. Your phone number (and fax if applicable) and extension.* 

It is possible to be unable to duplicate a problem, because of data corruption or because we have not exactly duplicated a particular operating environment. In such circumstances, we can only continue to try to fix the problem if we can either access the system with Symantec PCAnywhere or by some other means access or duplicate the system.

#### Apparel Matrix for Inventory & Sales Order Features

This DSD Extended Solution to the standard Sage 100 ERP Inventory Management module enables you to specify an item as a 'Master' Item and to setup a list of 'Associated' Items for each Master Item. During Sales Order Entry, as you key in a Master Item, a list of all of its Associated Items will pop up. You can browse this list, filling in quantities to order for each of the Associated Items. As you exit this window, Sales Order lines will be populated with the selected items in the window and the appropriate order quantity.

Additional functionality is available if you have Sage Software Extended Solution IM-1253: *Sales Promos with a Discount Amount* installed and enabled.

### Section B: Getting Started

# CAUTION

• If you reinstall or upgrade one of the Sage 100 modules listed in the following table, you must also reinstall this Enhancement.

• Enhancements from different Sage Developers are generally not designed to work together. If installed together, problems are likely to occur.

• Check with DSD before installing more than one Enhancement.

#### **Required Levels**

Sage 100 Module	Module Required	Required Level
I/M	Y	7.10
S/O	Y	7.10

#### Installation

- 1. Back-up: Exit all Sage 100 sessions. Back-up existing Sage 100 data.
- 2. Check Levels: Sage 100 module levels must match those listed above.
- 3. Run Enhancement Setup Program: Save the executable installation program (sent to you or downloaded from our website) in a convenient location on the Sage 100 server. Launch the program from Windows Explorer or by selecting Start/Run, and then browse for the file in the location you saved it. Follow on-screen instructions.
- 4. Send your Sage Serial Number to your DSD Representative: Send your Sage Serial Number to your DSD representative in order for us to send you back the encrypted keys to unlock your system. This serial number can be found in Library Master\Setup\System Configuration, Tab 3. Registration as Serial Number.
- 5. Re-Start Sage 100: Sage 100 will be updated.
- 6. Unlock the Enhancement: DSD Enhancements must be unlocked to run. When any part of the Enhancement is run for the first time, the DSD Enhancement License Agreement and Activation window will appear. Follow the steps shown on that window. You can click the Help button for more detailed instructions.

**Note:** On the next page is a screenshot of the DSD Enhancement License Agreement and Activation window.

After accepting the License Agreement, you can then select the type of unlocking that you'd prefer. The choices are File, Web, Demo and Manual Entry.

**File Unlock:** After receiving your encrypted serial number key file from DSD, and placing that file in the MAS90/SOA directory, selecting this option will unlock all products keys contained in the file. This means you can unlock all enhancements at once using this option.

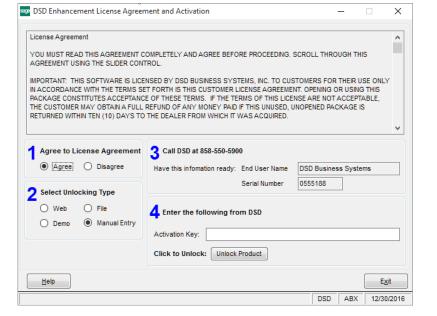
**Web Unlock:** If the system that is running the DSD Enhancement *has web access* and you *have sent DSD your Sage Serial number*, you can unlock the Enhancement without assistance using Web Unlock. When this option is selected, the program will attempt to download encrypted serial number key file from DSD *and then proceed to unlock all enhancements contained in the file.* 

- The Sage 100 system that is being used must have web access for this option to be effective.
- You can send your Sage Serial Number to your DSD Enhancements sales representative.

**Demo Unlock:** If a Demo mode is available for the Enhancement you're running, you will be able to Demo unlock the product without assistance from DSD for demo purposes.

> Creating a Demo Unlock is a good way to temporarily unlock DSD Enhancements off-hours, if you do not have web or email access. Later, you can unlock the product fully, during business hours.

Manual Entry Unlock: If you want to unlock a single enhancement using a



single encrypted key, you can select this option and enter the 64 character key you receive from DSD by copy and paste.

**Note:** You can also unlock a DSD Enhancement through the **DSD Enhancement Control Panel** found on the Library Master Utilities Menu. Then, select the Enhancement with your mouse from the list of Enhancements and click the **Unlock Product** button on the right side of the window.

7. **Convert Data:** After unlocking, the DSD Conversion Wizard will appear. Follow on-screen instructions to complete data conversion. You can exit the conversion program without converting data. The Enhancement will not proceed, however, until data is converted. If you enter an enhanced program and data has not been converted, the conversion program will run again.



#### DSD Enhancement Control Panel

Starting with version 3.61, all DSD Enhancement products include DSD's Enhancement Control Panel. The DSD Enhancement Control Panel is accessed from the Library Master Utilities menu.

The DSD Enhancement Control Panel is a simple to use yet powerful system to help maintain DSD Enhancements installed on a Sage 100 system. To use it, select an Enhancement product from the list on the window and then click the button, on the right side of the window, which corresponds with the desired task.

**View Manual:** This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not

Enhancement Product	Ver	Code Ext	Status	Build Date	MP Expire Da	ate
MBIM Multi-Bin	5.10	MBIM MBI	Not Unlocked	12/30/2016		
Selected: MBIM Multi-Bin						
	nek Product			www.dsdinc.com		
View Manual	ock Product k Al Products			www.dsdinc.com Product Webpage		
View Manual Uni Check Web for Updates Unioc		Multi-	Convert Data		Ex	tit

present, and the system has web access, the correct PDF file will be automatically downloaded from the DSD website, put into the "MAS90/PDF" folder and then displayed.

**Check the Web for Updates:** This button will check the DSD website to see what the current build is the selected Enhancement and alert the user if a later version is available. *This requires an internet connection on the Sage 100 system.* 

**Unlock Product:** This will cause the DSD Enhancement License Agreement and Activation window to appear. Using this window is described on the previous page. *This button is disabled if the selected Enhancement is already unlocked or if unlocking is not required.* 

**Unlock All Products:** This will cause the DSD Enhancement All License Agreement and Activation window to appear. This window is similar to the one described on the previous page, but has only web and file as options to unlock. *This button is never disabled.* 

**Convert Data:** After verification, the selected Enhancement's data conversion program will run. Data conversion is non-destructive, and may be triggered any number of times. Sometimes this is required to fix data records imported or updated from a non-enhancement installation.

8

**Multi-Convert Data:** Multiple Companies can be converted at the same time for a given Enhancement. (If you have a large number of Companies to convert, please do in batches of 20 or fewer due to memory limitations.)

Company       Company Name       Activated       Converted	om	ipany Code S	election					-		×
1       ABC       ABC Distribution and Service Corp.       Image: Corp.       <										
2 ABX American Business Expressions 🗹 🗹		Company	Company Name	Activated	Converted	Convert				
	1	ABC	ABC Distribution and Service Corp.							6
3 XYZ XYZ Manufacturing Company	2	ABX	American Business Expressions							
	3	XYZ	XYZ Manufacturing Company	<b>N</b>						
							Proce	Y	<u>C</u> ancel	Ì

Help: The Help button, located at the bottom right of the window, opens an HTML help file.

**Get Adobe Acrobat:** Opens the Adobe Acrobat website to the page where Acrobat can be downloaded and installed.

**Uninstall Enhancement** If this option is available, then selecting this button will start the un-install process, removing the enhancement from the system. (for more information see <u>Uninstall DSD</u> <u>Enhancements</u>)

### Section C: Setup

Upon completion of software installation, you will need to access the DSD Extended Solutions Setup from the Inventory Management Setup menu. Select this part number and the Setup screen for this Extended Solution will appear. Check the 'Enable DSD Extended Solution' box to activate this Extended Solution.

S	IM-1220 Se	tup Options	X
	IM-1220 Appare	el Matrix for Inv	
Enable DSD Extended Solution		Level 7.10	
CI Item UDF For Master Item		Q	
CI Item UDF For Display		Q	
Method of Entry	List Box 🔹	Quick Entry (Bypass OK Button)	
Use Alternate Grid Format			
Use Full Associated Item No in (	Grid Entry		
Use Description as Column Hea	ding		
Insufficient Qty Checking Durin	g Line Addition		
Populate Group Code		Accept	t <u>C</u> ancel
Check this box to enable IM-1220 /	Apparel Matrix for Inv	DSD M	IFG 7/7/2022

Answer the following prompts:

**CI Item UDF for Master Item:** Specify a check-box type custom office UDF which will denote which inventory items are Master items.

**CI Item UDF for Display:** Specify a multi-line string type custom office UDF to display in the pop up window during Sales Order entry.

Method of Entry: Select 'List Box' or 'Grid.' See Operations for details.

**Quick Entry (Bypass OK Button):** This option is only available if List Box is selected as the entry method. If you check this box, during Associated Item Selection in Sales Order and Invoice Data entry, you can press the <ENTER> key after entering a quantity to advance to the next line.

**Alternate Grid Format:** This option is only available if Grid is selected as the entry method. If you check this box, the grid will only have 2 rows, 'Qty Ordered' and 'Qty Available.' These fields will be masked as #####. See Operations for details.

**Use Full Associated Item No in Grid Entry:** This option is only available if Grid is selected as the 'Method of Entry'. This option will ignore the Grid Entry Master Item Code Prefix logic and instead use the original Associated Item Code for each of the Grid columns. The full Associated Item Code will be displayed in either the grid column heading or as an additional row depending upon setup.

Copyright © 1993-2023 DSD BUSINESS SYSTEMS

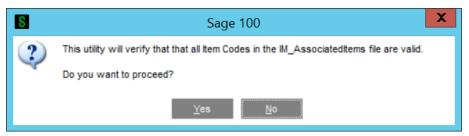
**Use Description as Column Heading:** This option is only available if Grid is selected as the entry method. When selected in setup, the value in the Associated Group Maintenance Size *Description* field will be used as the column heading in the Associated Item Entry grid in Sales Order and SO Invoice Entry.

**Insufficient Qty Check During Line Addition:** This option is only available if the Sales Order Setup question 'Check for Qty On Hand During Data Entry' has been checked. When associated items are being added to a sales order, the standard 'Insufficient Qty' warning will pop up when needed.

**Populate Group Code:** This button is only available if Grid is selected as the entry method. When selected, the user is prompted to update Existing Associated Item records with a Group Code. The user can proceed or cancel from this prompt. This utility is intended for one-time use to write the Group Code to existing Associated item records in the Associated Item file.

Mi Sag	e MAS 90	X
2	This utility will attempt to populate blank Group Code fields in the Associated Item File (IM_SI) with a valid Group Code. A Group Code is essential in locating the attribute description to use as grid column heading.	
	Do you want to proceed?	
	Yes ( <u>No</u>	

**Verify Item Codes:** Pressing this button, the user will be prompted to verify that all Item Codes referenced in IM\_AssociatedItems file exist. Selecting the Proceed button will cause the program to scan all the records in the IM\_AssociatedItems. Any records found where any of the Item Codes are missing will be deleted.



#### Roles/Tasks

The following Tasks have been added to Role Maintenance:

- 'Associated Item Lookup', can be found under Sales Order, Inquiry.
- 'Associated Items Group Maintenance', can be found under Inventory Management, Setup.

Users who are authorized to run any of the above should be granted permissions for the prospective tasks and security events. Please review your security setup in Role Maintenance and make appropriate changes.

You should visit this Setup screen after each upgrade or reinstallation of this Extended Solution.

### **Section D: System Operations**

#### Group Maintenance

This new menu option will be added to the I/M Setup Menu when 'Grid' is chosen as the Method of Entry in Setup.

When you select this option, you will be prompted for a one character 'Group Code'.

Gr	Associ roup Co escriptic	de 🔺	Group Maintenance (ABC) 10/10/2011 📃	
		Size	Description	]
	1	S	Small	
	2	М	Medium	「「「「」」
	3	L	Large	<u> </u>
_	4	XL	Extra Large	
_	5			
Q	Quick R	ow 3	Accept Cancel Delete	8

Once you have defined the Group Code, you can then set up an unlimited number of three character 'Sizes', along with 'Descriptions', that you associate with this Group Code. You can rearrange the order of the Sizes by using the up arrow and down arrow buttons. Click the printer button to print a listing.

				ABC Distribution and Service Corp. (ABC)
Group Code	Group Description	Size	Description	
A.	Shirt Sizes			
		s	Small	
		м	Medium	
		L	Large	
в	Shoe Sizes	XL	Extra Large	
		5	5	
-		5.5	5 1/2	
		6	6	
		6.5	6 1/2	
		7	7	
		7.5	7 1/2	
		8	8	

#### Item Maintenance

When the check-box type custom office UDF specified in Setup is checked, you will have access to an 'Associated Items' option on the 'More' button.

🚮 * Item Maint	enance (ABC) 10/10/2011
	IRTR
<u>1</u> . Main	2. Additional <u>3</u> . Quantity <u>4</u> . History <u>5</u> . Transactions <u>6</u> . Orders <u>7</u> . Cost Detail
Product Line Product Type Valuation Procurement	C&A     CLOTHES & ACCESSORIES       Finished Good     Weight       Standard Cost     Volume       0.0000       Buy     Inventory Cycle         Unit of Measure       Standard EACH       Sales       EACH       No. of       EACH
Price Code Default Whse Primary Vendor Warranty Code	STD     STANDARD QUANTITY PRICING     Allow Back Orders       000     CENTRAL WAREHOUSE     Allow Trade Discount       Q     Standard Cost     Imactive Item
Sales Retail Price Standard Price Last Sold	25.000     Purchases       25.000     Standard Cost       25.000     Average Cost       .000     Last Receipt         Total     .000
<b>(</b>	

This option will pop up a window where you can define a list of Associated Items.

You can rearrange the order of the items by using the up arrow and down arrow buttons. Associated items will be displayed in the same order in sales order and invoice entry. Explosion onto Sales Order/Invoice lines will be in this order as well.

If you are using the List Box method, any Item Number is allowed. If you are using the Grid Method, then the Associated Item Numbers must be constructed with the Master Item Number as the beginning characters of the Associated Item Number.

The Associated Item list is viewable in Inventory Inquiry so long as the Master Item UDF has been added to the Inquiry screen.

👫 Associated Items Maintenance				? 🔀
Associated Item No		٩	<u>A</u> dd <u>R</u> emove <u>U</u> ndo	
Item No.			G	roup
TSHIRTR-S TSHIRTR-M TSHIRTR-L TSHIRTR-XL	T-Shirt R T-Shirt R T-Shirt R T-Shirt R	led led		A A A A
<b>★</b>			ept <u>C</u>	ancel

User's Manual

S Asso	ciated Items Maintenance	? X
Associated Item No	٩	Add Remove Undo
Item No.	Description	Group
	Acce	ept <u>C</u> ancel

#### Optional Associated Items Maintenance 'Sort' Button

A new 'Sort' button will become available if the file "IM\_UDT\_AssocSegments' exists with the following required fields:

SegmentType; A string value that starts with one of the following characters 1,2,3,A,N,C

CustomValue: A string value that contains the file name of a UDT. This UDT should have the following required field 'OrderNo'.

When the 'Sort' Button is pressed the Associated Items will be resorted by 'Segment' using the following criteria:

Each Segment of the Associated Item, (a segment defined as the characters up to the next '-' in the Associated Item Code), will be sorted according the next sequential 'AssocSegments' UDT record as follows.

A SegmentType of 1 or A will be format the Segment as alphanumeric, the field padded with spaces.

A SegmentType of 2 or N will be format the Segment as numeric, the value converted to a formatted numeric string. If the segment is not numeric it will be considered alphanumeric.

A SegmentType of 3 or C will attempt to open the UDT specified in the CustomValue field. It the UDT exists the program will read the UDT file with a key of the Segment. If a record is found, the Segment value will be replaced with the OrderNo field value from the custom UDT. If the value is not found the segment will be formatted as alphanumeric.

A Master Item cannot be an Associated Item for another Master Item. Every time you accept a Master Item or click the 'Assoc. Items' button, the program will check if this item is set up as an Associated Item for another Master Item. If it is set up for another Master Item, the custom office UDF will be automatically unchecked and you will receive a warning.

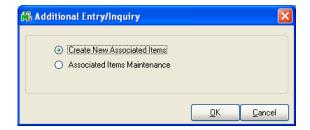
👫 * Item Maint	enance (ABC) 10/11/2011
	IRTR-L Copy From Renumber More •
<u>1</u> . Main	2. Additional <u>3</u> . Quantity <u>4</u> . History <u>5</u> . Transactions <u>6</u> . Orders <u>7</u> . Cost Detail
Product Line Product Type Valuation	C&A       CLOTHES & ACCESSORIES         Finished Good       Weight         Finished Good       Weight         Purchases       EACH         Standard Cost       Sage MAS 90
Procurement Price Code Default Whse Primary Vendor	Buy This is an associated item of master item TSHIRTR. It cannot be specified as a master item ODO CENTRA DK nt
Warranty Code	60 DAY 60 days from shipment Inactive Item
Sales Retail Price Standard Price Last Sold	25.000     Purchases       25.000     Standard Cost       25.000     Average Cost       .000     Last Costs       Last Costs     Item       .000     Allocated       .000     Total
	Accept Cancel Delete 🖶 🕢

If you uncheck the Master Item UDF, and there are existing Associated Item records, you will be prompted to delete those records.

👫 Sag	e MAS 90	×
?	There are associated items for this item number. Do you want to delete them	
	Yes No	

If you selected 'Grid' for Method of Entry in Setup, the following processing will occur:

If the Item Number's length is 11 characters or less, AND denotes this item to be a 'Master Item,' then when you click the 'Associated Item' button, you will be presented with two radio button options: 'Create New Items' and 'Associated Item Maintenance'.



If you select 'Create New Items,' you will be prompted for a Group Code.

🚮 Group Code	? 🛛
Group A	
	Proceed Cancel

Click 'Proceed.' The system will then create a series of new items where the Item Number is the Master Item, a dash, and then a two character size from the Group ID entered. One Inventory Item will be created for each size. All Masterfile (including Extended Item Description, Alternate Item information, Vendor information, Alias Item information, and IT information) and pricing information will copy to each of these newly created items AND each newly-created item will populate the Associated Items file for this Master item.

#### **Inventory Item Listing**

If you elect to print Alternate Item information, the Associated Items' information will also print.

#### Sales Order and Invoice Entry – List Box Method

If you selected 'List Box' as the Method of Entry, then during Sales Order and Sales Order Invoice line entry, after you key in a Master Item number, you will be presented with a pop-up window displaying the following information:

- Master Item Description
- Multi-line custom office UDF specified in Setup (first 30 characters)
- All associated items, listed with
  - o Item Number
  - o Item Description
  - o Qty On Hand
  - o Qty On SO
  - o Qty to Order

🛣 Associated Item Selectic	n			×
Associated Item No TSHIRTR-S	Qty To Order	<u>_</u> K <u>_</u> lear		
Associated Item No	Description	Qty On Hand	Qty On SO	Qty To Order
TSHIRTR-S	T-Shirt Red	400.00	15.00	. 00
TSHIRTR-M	T-Shirt Red	1,000.00	20.00	.00
TSHIRTR-L	T-Shirt Red	500.00	20.00	.00
TSHIRTR-XL	T-Shirt Red	200.00	10.00	.00
				t <u>C</u> ancel

**Qty On Hand:** the current quantity on hand for each item in the Order header Warehouse.

**Qty On SO:** the current value in the 'On SO' bucket in the Item Warehouse detail file (IM2) for the Order header Warehouse.

**Qty to Order:** defaults to 0, it is the only enterable field.

Here you enter the Quantity to Order for each Associated Item. If you specified in Setup to use Quick Entry, then you can exit a line and save its Quantity to Order by hitting the <ENTER> key. If you did not elect to use Quick Entry, then you will need to click the 'OK' button in order to exit a line and save its Quantity to Order.

Click 'Accept' when you are ready to add these items to the order. The Master Item will be removed, and all Associated Items with a non-zero 'Qty to Order' will be added to the Order. Only Item Numbers and Quantity Ordered will be populated via this pop-up window; all other fields will default per standard Sage 100.

As Associated Items are added to an order/invoice via the process described above,

- you will only receive the 'Entry Exceeds Available Quantity' warning message if the 'Insufficient Qty Check During Line Addition' option in Setup is checked.
- kit items will not explode.
- you will not be prompted to distribute lot/serial item when the item is added to an invoice; you will need to do the distribution afterward.

No additional standard Sage 100 or Extended Solution line level processing will occur as these lines are added to the order. (i.e., if you have Custom Office Line UDFs, you will not be prompted to define them)

#### Sales Order and Invoice Entry – Grid Method

If you selected 'Grid' for Method of Entry in Setup, after you key in a Master Item a new grid style pop up will be presented.

T-Shirt Red					
TSHIRTR	S	М	L	XL	
Qty Ordered	.00	.00	.00	.00	
Unit Price	25.000	25.000	25.000	25.000	
Extension	0.00	0.00	0.00	0.00	
Qty Available	400.00	1,000.00	500.00	200.00	
				n <u>P</u> O Purch <u>H</u> ist	: <u>O</u> K <u>C</u> lear All

If you selected 'Use Description for Column Heading' in Setup, the value in the Associated Group Maintenance Size Description field will be used as the column heading in the Associated Item Entry grid.

TSHIRTR	Small	Medium	Large	Extra Large	
Qty Ordered	.00	.00	.00	.00	
Unit Price	25.000	25.000	25.000	25.000	
Extension	0.00	0.00	0.00	0.00	
Qty Available	390.00	990.00	495.00	195.00	

The master item will display on the far left, followed by a series of columns, each one listing the Associated Items from the Associated Items file for this Item. The column headings for the Associated Item Numbers will be the characters that follow the dash. Key in the 'Qty Ordered' underneath each 'Size.' The grid will have a sliding bar to account for all Associated Items which might not fit onscreen. There will be a 'Unit Price,' an 'Extension,' and a 'Qty Available' field located underneath each Size's Qty field.

While the cursor is on the Qty Ordered field underneath any given 'Size,' the Unit Price field below that will display the Customer's Unit Price for a Qty of one of that item. After you key in a Quantity, you will advance to the next Size's Qty field. The 'Unit Price' field underneath each Qty will be recalculated as changes to Qty's warrant. The Unit Price field may be overridden. You will need to place their cursor on the field manually, as no Tab stops will be set on the Unit Price fields. The Quantity Ordered times the Unit Price will display in the extension. No entry is allowed in the Extension field.

If you checked the 'Alternate Grid Format' option in Setup, the grid will only have 2 rows, Qty Ordered and Qty Available. The Qty fields will be masked as #####. There will be only 1 Price field for the whole grid and the default is the master item's unit price for the Qty of 1. All associated items will have the same Unit Price when explosion takes place. Unit Price will not be automatically adjusted based on Qty Ordered.

👫 Associated Iten	n Entry				
T-Shirt Red					
TSHIRTR	Small	Medium	Large	Extra Large	
Qty Ordered	0	0	0	0	
Qty Available	0	0	0	0	
Unit Price 25					Open <u>P</u> O Purch <u>H</u> ist <u>O</u> K <u>C</u> lear All

The standard Sage 100 Customer Purchase History button will be available in the bottom of both windows.

Copyright © 1993-2023 DSD BUSINESS SYSTEMS

There will also be an Open PO button. When you click this button, you will be presented with a list of open Purchase Orders that reference a particular associated Item Number, the Qty Ordered on the Purchase Order, and the Line's Expected Receipt Date.

👫 PO Purchase Order Detail					
Item Code TSHIRTR-S TSHIRTR-S TSHIRTR-S	PO Number 0010018 0010019 0010020	Required Date 10/11/2011 10/11/2011 10/12/2011	Quantity On PO 200 150 10	U/M EACH EACH EACH	
Search (default) Fjiters Custom	<b>v</b>		Select	Eind	180
Found 3 records					

When all quantities and price overrides have been entered and you are satisfied with your data entry, click 'OK' and the grid will 'explode.' Sales Order line entry will be populated with one line per item that had a Qty Ordered in the grid not equal to zero, with its corresponding Unit Price.

#### Merging Items

When merging master and non-master items using the Item Delete and Change utility, special processing occurs to make sure that a master item doesn't end up an associated item and a non-master item doesn't end up having associated items.

If a non-master item is merged into a master item and that non-master item is an associated item for other master items, no action will be taken.

If a master item is merged into a non-master item, no action will be taken.

#### Associated Item Lookup

A new menu option 'Associated Item Lookup' has been added to the Sales Order Inquiries menu. Enter a master item number and its associated items will be listed with quantity on hand in the associated item's default warehouse.

👫 Associated Ite	em Lookup			
Master Item No	TSHIRTR	٩	T-Shirt Red	
Item Number TSHIRTR-S TSHIRTR-M TSHIRTR-L TSHIRTR-XL	Description T-Shirt Red T-Shirt Red T-Shirt Red T-Shirt Red			Qty On Hand 400.00 1000.00 500.00 200.00
				Exit
				LB ABC 10/11/2011

#### Forms

The Master Item Number, Master Item Description, Associated Item Size (Attribute), and Associated Item Size Description (Attribute Desc) have been added to the SO Sales Order Work and SO Invoice Work files. This allows items and quantity ordered to be printed by using a subreport with cross tabs.

Sold To: American Business Fu 2131 N. 14th Street Suite 100 Accounting Departmen Milwaukee, WI 53205- Confirm To: John Quinn	.t.		/ 1 5	Ship To: American Business Future: Racine Warehouse 4111 Kendrick Place Racine, WI 53120	5	
Customer P.O.	Ship VIA Ups blue	F.	O.B.	<b>Tems</b> Net30 Days		
tem Number	Unit	Ordered	Shipped	Back Order	Price	Amount
1001-HON-H252 HON 2 DRAWER LE	EACH TTER FLE W/O LK	2.00	0.00 <b>Whse:</b> 001	0.00	84.000	168.00
6655 PRINTER STAND W	EACH / BASKET	3.00	0.00 <b>Whse:</b> 001	0.00	179.000	537.00
2480-8-50 DESK FILE 8" CAP 5	EACH	1.00	0.00 ₩ <b>hse:</b> 001	0.00	34.950	34.95
GLOVES Gloves Glov	EACH /es	5.00	0.00	0.00	15.000	75.00
Large 2.00	Medium 3.00					
HATS Hats Hats	EACH	6.00	0.00	0.00	35.000	210.00
Size 6 7/8 3.00	Size 7 5/8 2.00	Size Six 1.00				

#### Visual Integrator

The files listed below have been added or changed in the Data Dictionary by this Extended Solution for Visual Integrator purposes.

File:	Description	Field:
IM_AssociatedIt	ems	All Fields
IM.AssociatedIte	msGroupHeader	All Fields

The Data Dictionary may contain other files and data fields that are not available without their corresponding Sage Software Extended Solutions installed.

#### **ODBC** Dictionary

The files listed below have been added or changed in the ODBC Dictionaries by this Extended Solution for Crystal Reports purposes.

File:	Description	Field:
IM_Associ	atedItems	All Fields
IM_Associ	atedItemsGroupHeader	All Fields
IM_Associ	atedItemsGroupDetail	All Fields
SO_SalesC	OrderWrk	MasterItemNo_001
		MasterItemDesc_001
		Attribute_001
		AttributeDesc_001
SO_Invoic	eWrk	MasterItemNo_001
		MasterItemDesc_001
		Attribute_001
		AttributeDesc_001

Be aware that the ODBC Dictionaries may contain other files and data fields that will be unavailable without their corresponding Extended Solutions installed.

### **Section E: Uninstall DSD Enhancements**

A DSD Enhancements Uninstall Utility has been provided for the purposes of removing DSD Enhancements from your Sage 100 System. This utility may be accessed from the **DSD Enhancement Control Panel** menu option on the **Library Master / Utilities** menu.

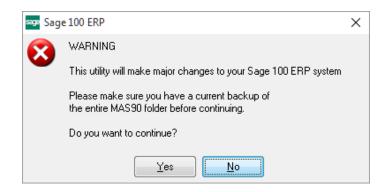
Enhancement Product		Ver C	ode Ex	t Status	Buik	I Date	MP Ex	pire Date
MBIM Multi-Bin	5	.10 M	BIM ME	BI No unlocking :	req 12/2	7/2016		
Selected: MONTALINE Dia								
Selected: MBIM Multi-Bin								
Selected: MBIM Multi-Bin View Manual					www.ds	dinc.com		
View Manual	Unlock All Pro	oducts			www.ds			
	Unlock All Pri	oducts						

When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:

sage Sage	100 ERP	$\times$
2	Selected Enhancement: MBIM Multi-Bin	
	Uninstall Selected Enhancement?	
	IMPORTANT: Make sure everyone is out of MAS 90 before proceeding.	
	Yes No	

Select **No** to exit the Uninstall Process. Select **Yes** to continue with the Uninstall Process.

The following message box will appear, to remind you that a complete backup of your entire Sage 100 system should be completed prior to uninstalling a DSD product.



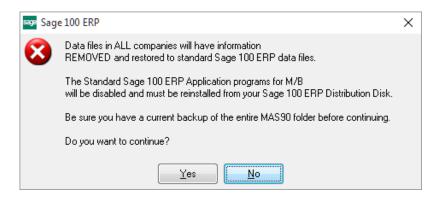
Select **No** to exit the Uninstall Process. Select **Yes** to continue with the Uninstall Process.

After the Uninstall of the DSD Enhancement, you MUST reinstall certain standard Sage 100 modules, followed by reinstallation of Product Updates and Hot Fixes, if applicable.

A message box will appear, and will display which of those specific Sage 100 modules you must reinstall afterwards.

Select **No** to exit the Uninstall Process. Select **Yes** to continue with the Uninstall Process.

The following message box will appear, displaying the final warning message.



Select No to exit the Uninstall Process.

Select **Yes** to continue with the Uninstall Process. At this point, the DSD Enhancement will be removed from the Sage 100 system.

After completion of the Uninstall, the following message box will appear. Select OK to continue.



Now that the Uninstall process is completed, you must:

- Reinstall the applicable standard Sage 100 modules
- Reinstall the latest Sage 100 Service Pack/Updates, if applicable.
- Reinstall any other DSD Enhancements or Developer products that are affected from the reinstallation of the standard Sage 100 module(s).