



# **DSD Business Systems**

**Sage 100 Enhancements**

**I197**

**Pricing Records with Range of Dollars**

**IM-1197**

**Version 7.10**



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Pricing Records with Range of Dollars User's Manual  
Version 7.10

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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

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## Section A: Introduction

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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*

1197 Pricing Records with Range of Dollars:

<http://www.dsdinc.com/enhancement/pricing-records-with-range-of-dollars-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.

### ***Pricing Records with Range of Dollars Features***

This DSD Extended Solution to the Inventory Management module adds a 'Dollar Ranges' flag to pricing records to indicate whether a record is to be read as ranges of dollar amounts or, in the standard manner, ranges of quantities.

## 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

### 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.

- 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 License Agreement and Activation

License Agreement

YOU MUST READ THIS AGREEMENT COMPLETELY AND AGREE BEFORE PROCEEDING. SCROLL THROUGH THIS AGREEMENT USING THE SLIDER CONTROL.

IMPORTANT: THIS SOFTWARE IS LICENSED BY DSD BUSINESS SYSTEMS, INC. TO CUSTOMERS FOR THEIR USE ONLY IN ACCORDANCE WITH THE TERMS SET FORTH IN THIS CUSTOMER LICENSE AGREEMENT. OPENING OR USING THIS PACKAGE CONSTITUTES ACCEPTANCE OF THESE TERMS. IF THE TERMS OF THIS LICENSE ARE NOT ACCEPTABLE, THE CUSTOMER MAY OBTAIN A FULL REFUND OF ANY MONEY PAID IF THIS UNUSED, UNOPENED PACKAGE IS RETURNED WITHIN TEN (10) DAYS TO THE DEALER FROM WHICH IT WAS ACQUIRED.

1 Agree to License Agreement  
☒ Agree ☐ Disagree

2 Select Unlocking Type  
☐ Web ☐ File  
☐ Demo ☒ Manual Entry

3 Call DSD at 858-550-5900  
 Have this information ready: End User Name DSD Business Systems  
 Serial Number 0555188

4 Enter the following from DSD  
 Activation Key:   
 Click to Unlock:

Help Exit

DSD ABX 12/30/2016

sage DSD Conversion Wizard: Step One, Introduction

DSD BUSINESS SYSTEMS

This company's data needs to be converted.  
 This program will perform the conversion.

Cancel Next



### 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.

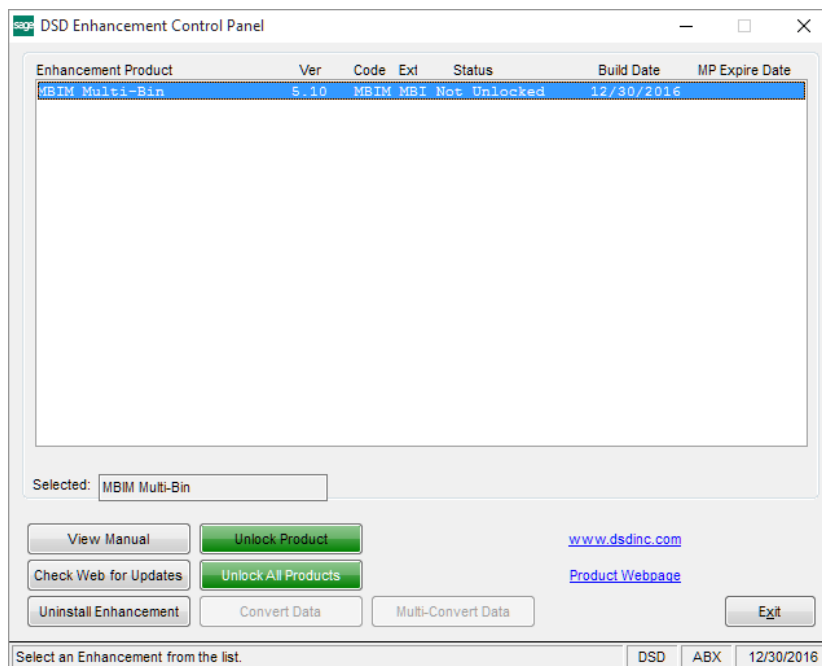
**View Manual:** This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not present, and the system has web access, the correct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

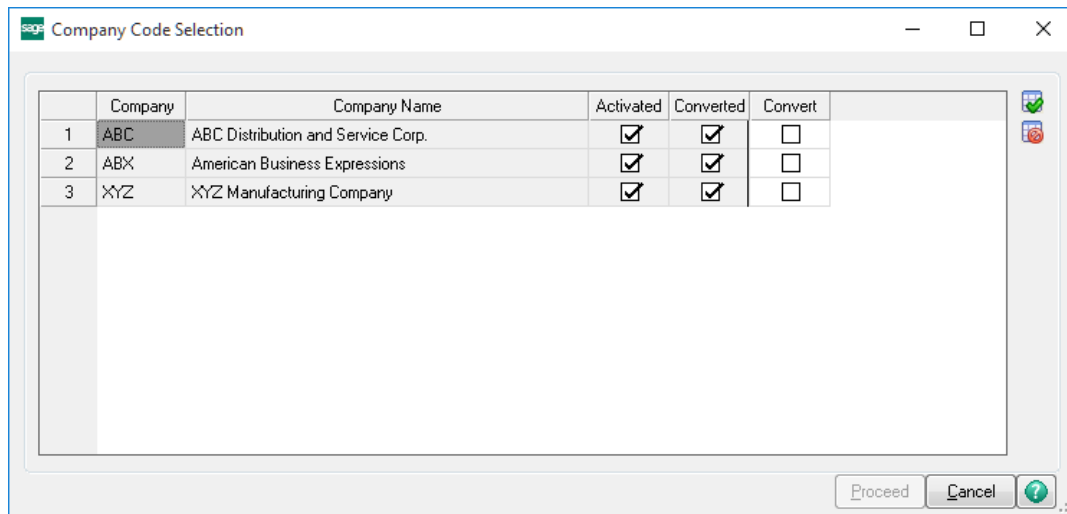
**Unlock Product:** This will cause the DSD Enhancement License Agreement and Activation window to appear. Using this window is described on the previous page. *This button is disabled if the selected Enhancement is already unlocked or if unlocking is not required.*

**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.



**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.)*



**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 [Uninstall DSD Enhancements](#))

## Section C: Setup

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

IM-1197 Setup Options

**Pricing Records With Range Of Dollars**

Enable DSD Extended Solution ☒ Level 7.10

Accept Cancel

DSD ABC 7/8/2022

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

## Section D: System Operations

In Price Code Maintenance and Item Pricing Maintenance, if the 'Dollar Ranges' box is checked, the 'From Quantity' and 'To Quantity' column headings will be changed to 'From Dollar' and 'To Dollar.' You may maintain pricing information using dollar ranges.

**Price Code Maintenance**

Price Code: LMP  
Description: LAMP QUANTITY PRICING

Price Level:  Standard  
Pricing Method: Price Discount Amount  
Dollar Ranges: ☒

Step	From Dollar	To Dollar	Discount Amount
1	1	100	.000
2	101	200	4.000
3	201	99,999,999	10.000
4			
5			

Buttons: Accept, Cancel, Delete, Print, Help

**Item Pricing Maintenance**

Item Code: 1001-HON-H252  
Description: HON 2 DRAWER LETTER FLE W/O LK

Pricing Option: Item Pricing  
Price Level: 1  
Dollar Ranges: ☒

Pricing Method: Price Discount Amount  
Standard Price: 84.000  
Standard Cost: 32.750

Step	From Dollar	To Dollar	Discount Amount	Unit Price
1	1	100	.000	84.000
2	101	500	2.000	82.000
3	501	1,000	5.000	79.000
4	1,001	99,999,999	10.000	74.000
5				

Buttons: Accept, Cancel, Delete, Print, Help

The Inventory Item Listing will print the appropriate headings. The Price Code Listing will print the dollar ranges flag. On the Inventory Price List, "(DOLLAR)" will print where dollar ranges are used.

Inventory Item Listing Sorted by Item Code		ABC Distribution and Service Corp. (ABC)	
<b>Item Code / Description:</b> SPEAKERS SPEAKERS			
<b>Product Line:</b> WF&A WORKSTATION FURN & ACCESS		<b>Unit of Measure</b>	
<b>Product Type:</b> F Finished Goods		<b>Standard:</b> EACH	
<b>Valuation:</b> 3 FIFO	<b>Weight:</b>	<b>Purchases:</b> EACH	Number of EACH
<b>Procurement:</b> M Make	<b>Volume:</b> 0.0000	<b>Sales:</b> EACH	Number of EACH
<b>Price Code:</b>	<b>Inventory Cycle:</b>	<b>Allow Back Orders:</b> Yes	
<b>Default Warehouse:</b> 000 CENTRAL WAREHOUSE		<b>Allow Trade Discount:</b> Yes	
<b>Primary Vendor:</b> -		<b>Allocate Landed Cost:</b> Yes	
<b>Warranty Code:</b>		<b>Inactive Item:</b> No	
<b>Confirm Cost Increase in Receipt of Goods:</b> No	<b>Sales Tax Class:</b> TX Taxable		
<b>Print Receipt Labels:</b> Yes	<b>Purchases Tax Class:</b> TX Taxable		
	<b>Routing Number:</b>		
	<b>Buyer Code:</b>		
	<b>Planner Code:</b>		
<b>Commission Method:</b> S Standard Commission	<b>Image:</b> abc_speakers.jpg		
<b>Commission Rate:</b> 0.000			
<b>Base Commission:</b> 0.00			
	<b>Internet Enabled:</b> Yes		
<b>COLOR:</b>	<b>SIZE:</b>		
<b>STYLE:</b>	<b>CATALOGUE REF#:</b>		
<b>Allow Returns:</b> No			
<b>Restocking Charge Method:</b> N None	0.000		
<b>Customer Number:</b> 01-ABF	American Business Futures		
	<b>Step</b>	<b>From Quantity</b>	<b>To Quantity</b>
	1	1	2
	2	3	5
	3	6	10
	4	11	And Over
		<b>Price Discount Amount</b>	<b>Unit Price</b>
		1.000	99.000
		2.000	98.000
		5.000	95.000
		10.000	90.000
<b>Customer Price Level:</b> Standard			
	<b>Step</b>	<b>From Dollars</b>	<b>To Dollars</b>
	1	1	100
	2	101	500
	3	501	1,000
	4	1,001	And Over
		<b>Price Discount Percent</b>	<b>Unit Price</b>
		0.000	100.000
		2.000	2.000
		5.000	5.000
		10.000	10.000

Price Code Listing		ABC Distribution and Service Corp. (ABC)				
Price Code	Description	Dollar Ranges	Price Level	Pricing Method	From Quantity	To Quantity
CAB1	CABLE QUANTITY PRICING		Standard	Price Discount Percent	1	100
					101	500
					501	And Over
LMP	LAMP QUANTITY PRICING	Y	Standard	Price Discount Amount	1	100
					101	200
					201	And Over

Inventory Price List Sorted By Item Code		ABC Distribution and Service Corp. (ABC)							
Item Code	Description	Product Line	Unit of Measure	Price Code	Retail Price	Standard Price	Unit Cost		
SPEAKERS	SPEAKERS	WF&A	EACH		0.000	100.000	150.000		
								Quantity 1	Price 1
								Quantity 2	Price 2
								Quantity 3	Price 3
								Quantity 4	Price 4
								Quantity 5	Price 5
Standard: (Dollars)	100				100.000			500	98.000
								1,000	95.000
								99,999,999	90.000
Standard:	2				99.000			5	98.000
								10	95.000
								99,999,999	90.000

During Sales Order Entry and S/O Invoice Entry, as Inventory Item pricing is being calculated, the program will follow these steps to arrive at a Unit Price:

After the appropriate price code record or item pricing record is read, if the pricing record indicates that the record contains dollar ranges, then

- a) The program calculates the line's extended Standard Price (Standard Price \* Quantity Ordered).
- b) The pricing record is searched for the tier containing the extension.
- c) The discount or override price associated with that tier becomes the line's Unit Price.
- d) Any line discount entered is applied to this extension.
- e) After applying any line discount, standard Sage 100 processing extends the price.

If the pricing record indicates that the record does not contain dollar ranges, then the record is read normally, with no intervention from this program.

If SO-1173: *Item Pricing By Total Quantity* is installed and enabled, upon exit of the Sales Order lines, the program will attempt to recalculate pricing for Inventory item lines by using SO-1173's item pricing method. The appropriate pricing records with that total quantity will then be read:

- a) If the pricing record uses quantity ranges, no changes to the SO-1173 processing will be made
- b) If the pricing record uses dollar ranges, then the sum of the standard price extensions for SO-1173's item pricing method is used to read each item's pricing record.

Please refer to the SO-1173 manual for further information regarding its operation.

The features of this Extended Solution are not available in Sales Order Shipping Data Entry.

**Visual Integrator**

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

<b>New File:</b>	<b>Field:</b>
IM.PriceCode	DollarRanges_234

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

**Crystal Reports**

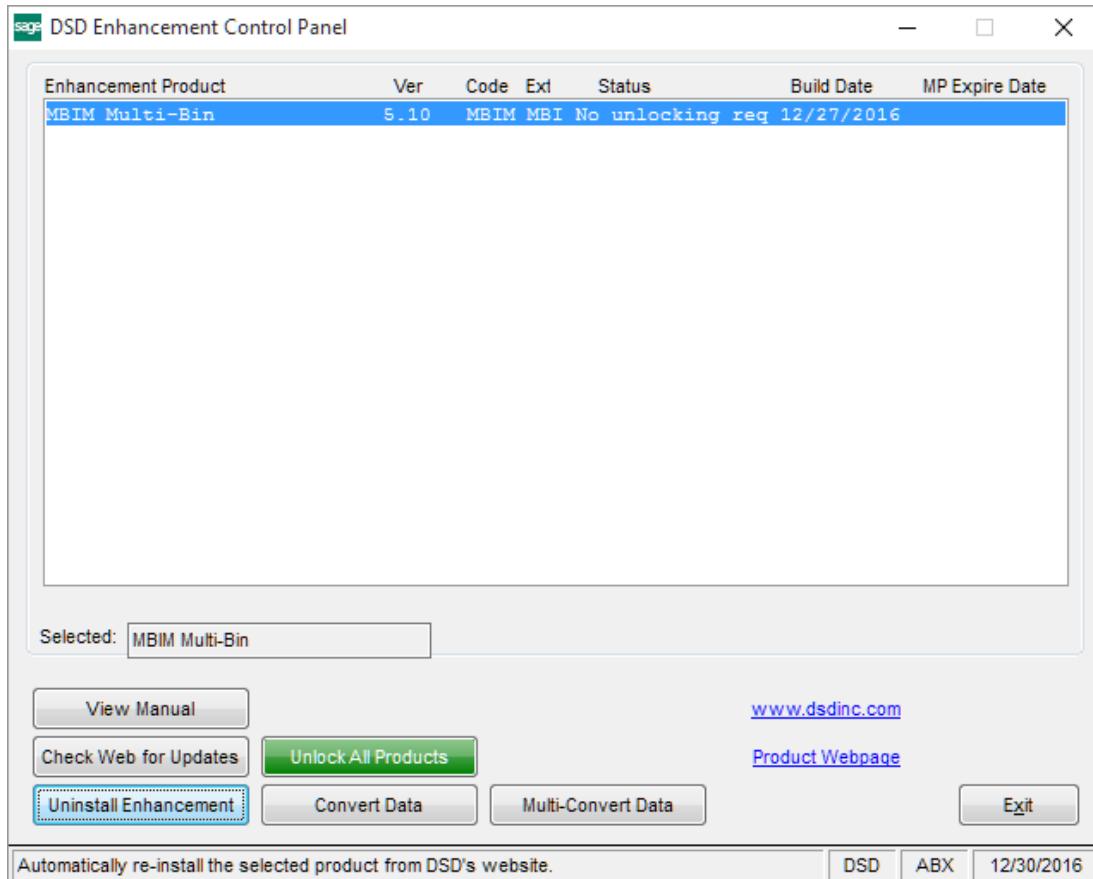
The files listed below have been added or changed in the Crystal Dictionaries by this Extended Solution for Crystal Reports purposes.

<b>File:</b>	<b>Description</b>	<b>Field:</b>
IM_PriceCode	Item Price By Price Level	DollarRanges_234
IM_PriceCode	Price Code Record	DollarRanges_234
IM_PriceCode	Item Price By Customer	DollarRanges_234

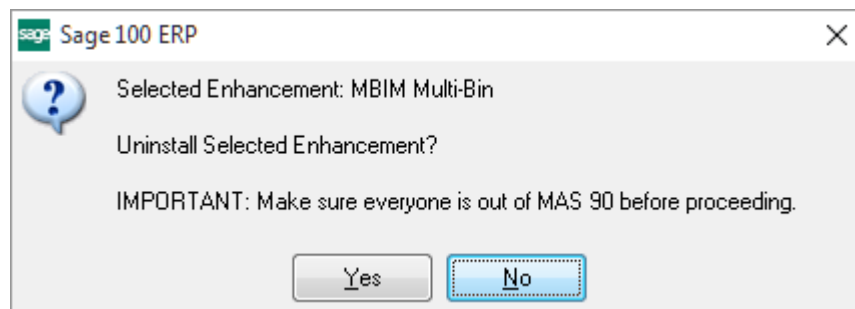
Be aware that the Crystal Dictionaries may contain other files and data fields that will be unavailable without their corresponding Extended Solutions installed.

## 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.



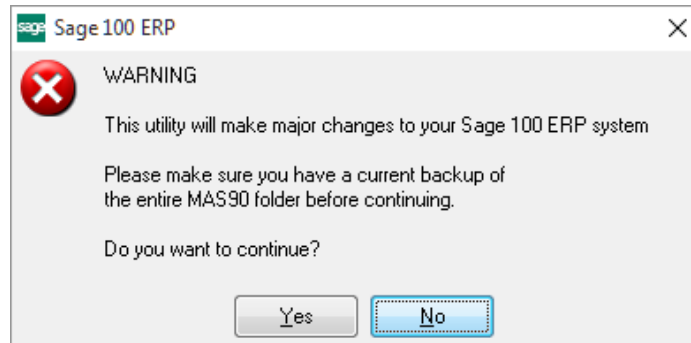
When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



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.

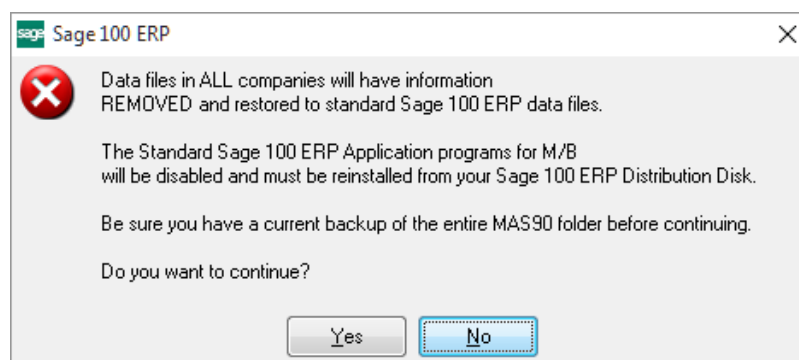
**After the Uninstall of the DSD Enhancement, you MUST reinstall certain standard Sage 100 modules, followed by reinstallation of Product Updates and Hot Fixes, if applicable.**

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.

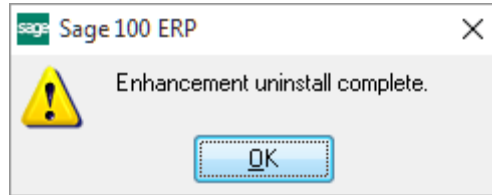
The following message box will appear, displaying the final warning message.



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).