



# **DSD Business Systems**

**Sage 100 Enhancements**

**S542**

**Multiple Jobs on a Single Invoice**

**SO-1542**

**Version 6.10**



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Multiple Jobs on a Single Invoice User's Manual  
Version 6.10

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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*

S542 Multiple Jobs on a Single Invoice:

<http://www.dsdinc.com/enh/pages/S542.htm>

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.

### ***Multiple Jobs on a Single Invoice Features***

This DSD Extended Solution allows you to reference different Job Numbers on each Sales Order line when Sales Order has been integrated with Job Cost. The Sales Order Option 'Post Invoice Costs to Job Cost' must be checked. If you have elected to 'Post to G/L for Work In Process' in Job Cost, then *Sales Order Options – Job Cost* must be activated and the option to 'Relieve WIP' must be unchecked.

Additional functionality exists if *Sales Order Options – Job Cost* is activated and you have 'Validate By Customer' set to 'No' or 'Write Back.' The described features were developed for a specific client to its specifications and may not conform to generally accepted Sage 100 standards and procedures.

These features may or may not benefit you in your application of Sage 100.

## Section B: Getting Started



- 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
S/O	Y	6.10
J/C	Y	6.10

### 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 registration, the Data Conversion window 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.

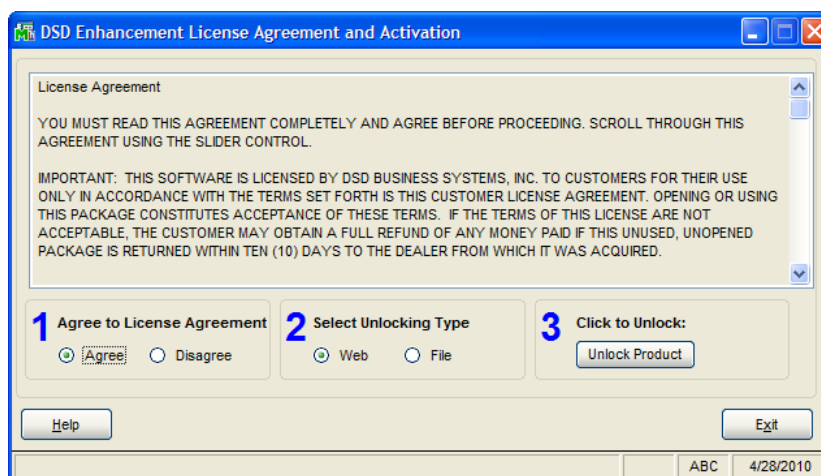
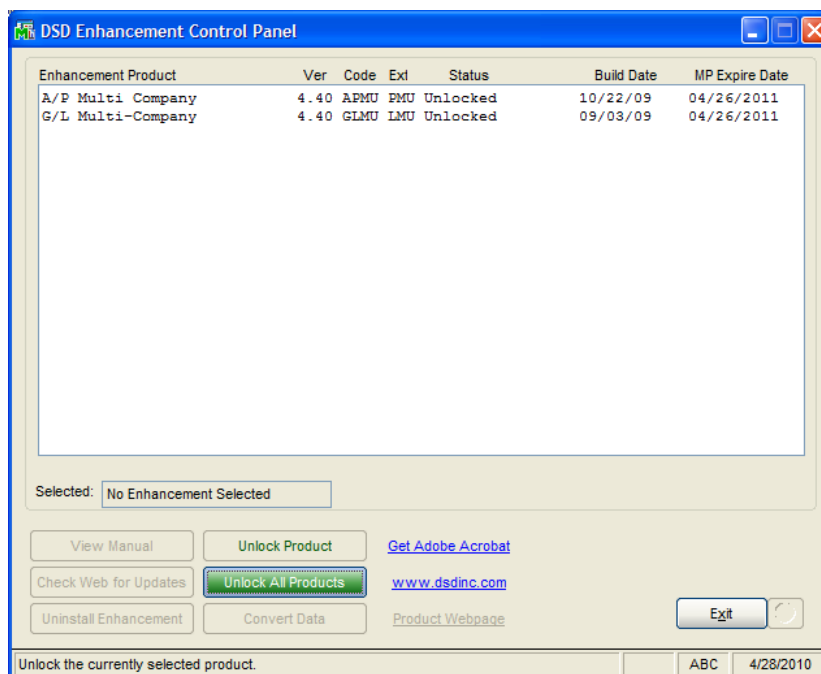
The DSD Enhancement Control Panel is a simple to use yet powerful system to help maintain DSD Enhancements installed on a Sage 100 system. To use it, select an Enhancement product from the list on the window and then click the button, on the right side of the window, which corresponds with the desired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

**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 Enhancements 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.

**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.

There are also links to the DSD website and the Enhancement page on that site.

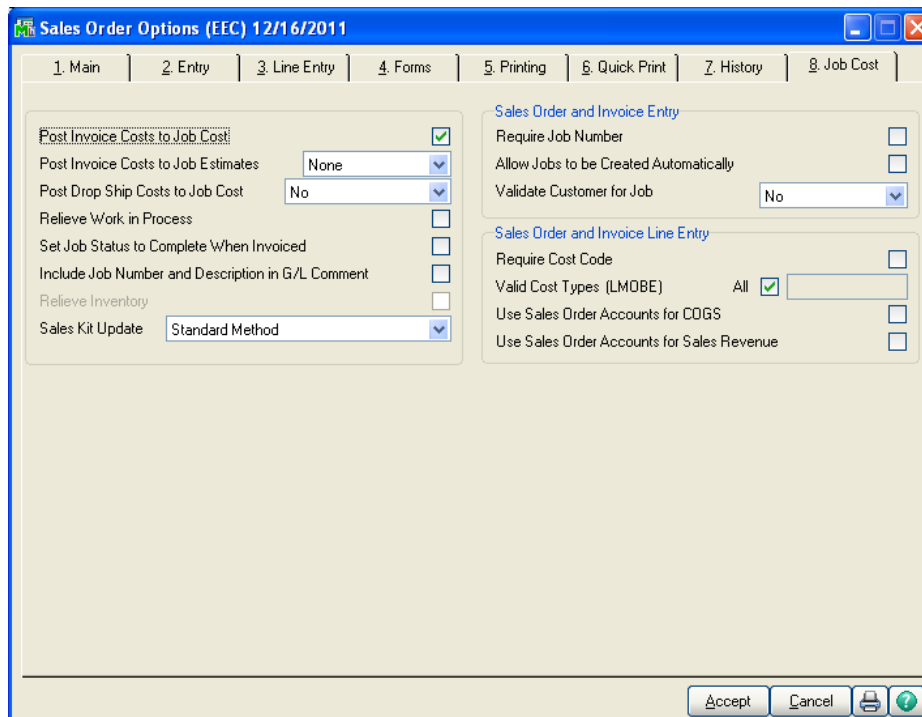
## Section C: Setup

Upon completion of software installation, you will need to access the DSD Extended Solutions Setup from the Sales Order 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.



The image shows a dialog box titled "SO-1542 Setup Options" with a close button (X) in the top right corner. The main title inside the dialog is "SO-1542 Multiple Jobs on Inv.". Below the title, there is a section with the text "Enable DSD Extended Solution" followed by a checked checkbox and the text "Level 6.10". At the bottom of the dialog, there are two buttons: "Accept" and "Cancel". At the very bottom of the dialog, there is a status bar with the text "DSD EEC 8/20/2019".

The Job Cost tab in Sales Order Options must also be activated.



The image shows a dialog box titled "Sales Order Options (EEC) 12/16/2011" with a close button (X) in the top right corner. The dialog has a tabbed interface with tabs labeled "1. Main", "2. Entry", "3. Line Entry", "4. Forms", "5. Printing", "6. Quick Print", "7. History", and "8. Job Cost". The "8. Job Cost" tab is selected. The dialog is divided into two main sections. The left section contains the following options: "Post Invoice Costs to Job Cost" (checked), "Post Invoice Costs to Job Estimates" (None), "Post Drop Ship Costs to Job Cost" (No), "Relieve Work in Process" (unchecked), "Set Job Status to Complete When Invoiced" (unchecked), "Include Job Number and Description in G/L Comment" (unchecked), "Relieve Inventory" (unchecked), and "Sales Kit Update" (Standard Method). The right section contains the following options: "Sales Order and Invoice Entry" (Require Job Number, Allow Jobs to be Created Automatically, Validate Customer for Job), "Sales Order and Invoice Line Entry" (Require Cost Code, Valid Cost Types (LMOBE) All, Use Sales Order Accounts for COGS, Use Sales Order Accounts for Sales Revenue). At the bottom of the dialog, there are buttons for "Accept", "Cancel", and a green checkmark icon.

The S/O grids may also need to be reset after installation & conversion for the Job Number field to appear.

***Role Maintenance***

The following Task has been added to Sales Order, Setup Options:

- ☐ Extended Solutions Setup

Please review your security setup in Role Maintenance and make appropriate changes.

## Section D: System Operations

### *Sales Order and Invoice Entry*

Order Entry and Invoice Entry's secondary grids have been modified with a Job Number column (the fields can be dragged to the main grid). The first row will default from the Job Number on the header, after that each line will default from the value in the line preceding it. Only Jobs associated with the Customer referenced in the order or invoice may be selected if the 'Validate Customer for Job' option is set to 'Yes'.

If the Sales Order Option 'Require Job Number in Data Entry' is checked, then you must specify a Job Number on each line. If unchecked, the Job Number field may be left blank. When the detail Job Number is blank, then entry of a Cost Code and Cost Type for that row will be prevented.

If you have the 'Validate Customer for Job' set to 'No' or 'Write Back' then the line Job Number field will allow for the selection of jobs not associated with the Customer on the header.

***Sales Journal's Job Transaction Journal and Update***

The Invoice Header amounts will be suppressed from printing. Invoices will be broken out by line and sorted by job.

Job Transaction Journal

Journal Posting Date: 1/9/2008

Register Number: SO-000281

Batch Number: 00035

Simply Delicious & Natural Foods (SDN)

Source Job Journal Number	Invoice Number	Customer Number	Item Code	Cost Code	Cost Type	Unit Price	Quantity Shipped	Extension Amount
SO	0000-001	0000441-IN	01-AB1	1000	031-000-000	Material	99.990	1.00 99.99
				1001	031-000-000	Material	50.000	2.00 100.00
Job 0000-001 Total:							3.00	199.99
SO	0034-674	0000441-IN	01-AB1	1001-HON-H252LK	031-000-000	Material	87.000	1.00 87.00
							Job 0034-674 Total:	
Report Total:							4.00	286.99

The Job Cost detail transactions created will use the Job Number referenced on the line to post the cost and revenue.

Important things to note about updates when this Extended Solution is enabled:

- Job Retention is not supported.
- Deposits will not update to the Job Masterfile 'Payments Received' bucket.
- Freight will be excluded from the posting.
- Invoice Total Discounts are applied to each line.
- Sales Tax will be allocated to each line whose Tax Class is other than NT using the following formula: {sales tax \* (line extension/amount subject to Tax)}
- The line Job Numbers are not updated to the Open Accounts Receivable file.

If the 'Validate by Customer' option is set to 'Write Back,' all Jobs referenced in the lines will have their Customer Number changed to the Customer Number on this Invoice.

***ODBC Dictionary***

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

***File:***

AR\_InvoiceHistoryDetail  
 AR\_InvoiceHistoryWrk  
 SO\_InvoiceDetail  
 SO\_InvoiceWrk  
 SO\_SalesOrderDetail  
 SO\_SalesOrderHistoryDetail  
 SO\_SalesOrderWrk

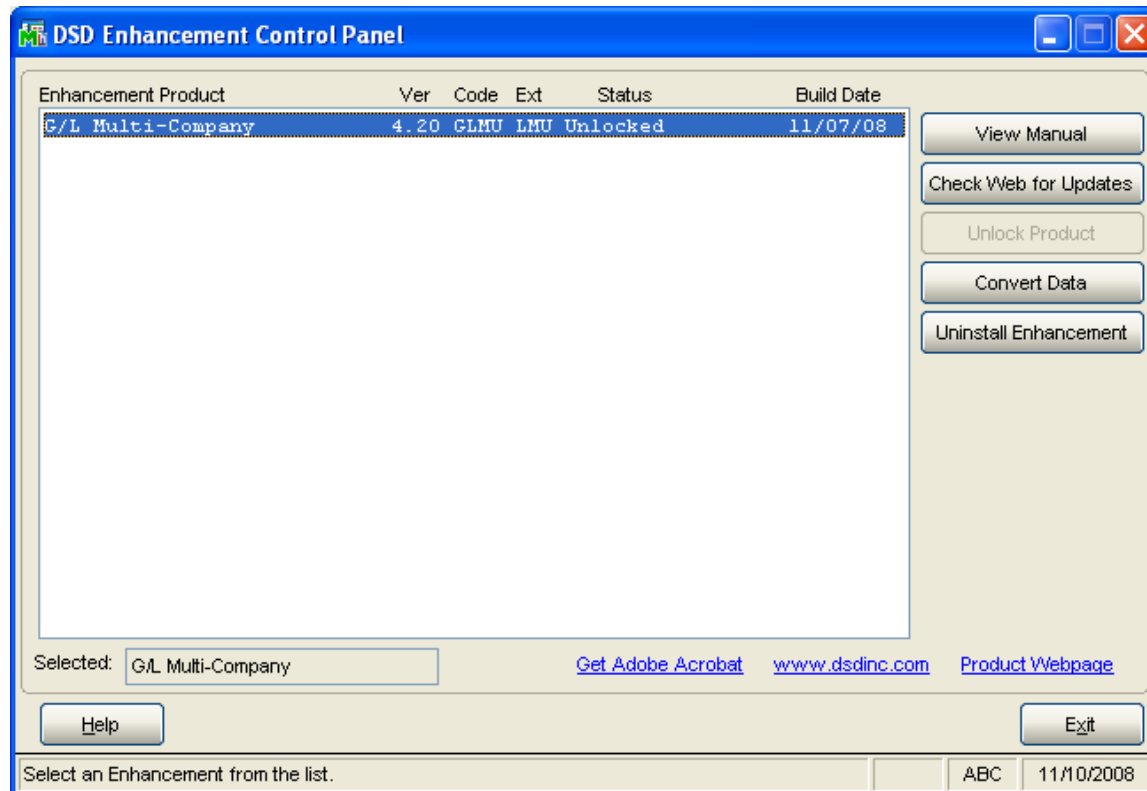
***Fields:***

JobNo\_001\$  
 JobNo\_001\$  
 JobNo\_001\$  
 JobNo\_001\$  
 JobNo\_001\$  
 JobNo\_001\$  
 JobNo\_001\$

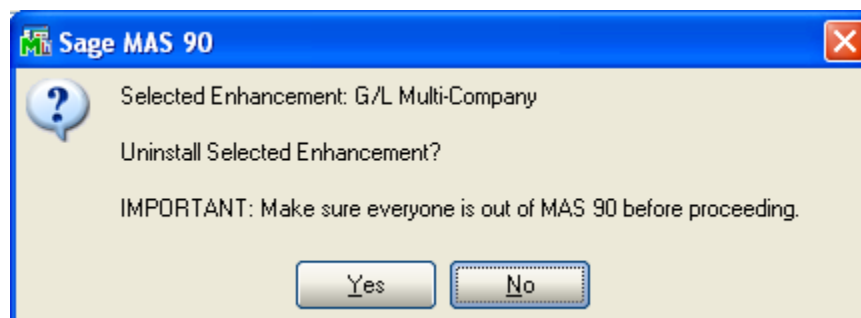
Be aware that the ODBC Dictionaries may contain other files and data fields that will be unavailable without their corresponding Extended Solutions installed.

## 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.

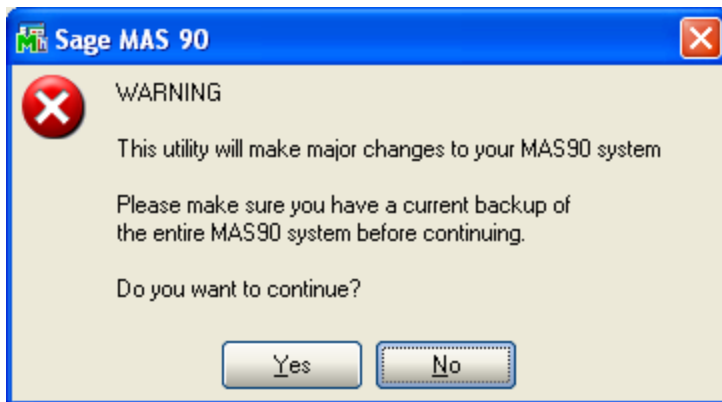


When accessing the **DSD Utility Suite**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



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

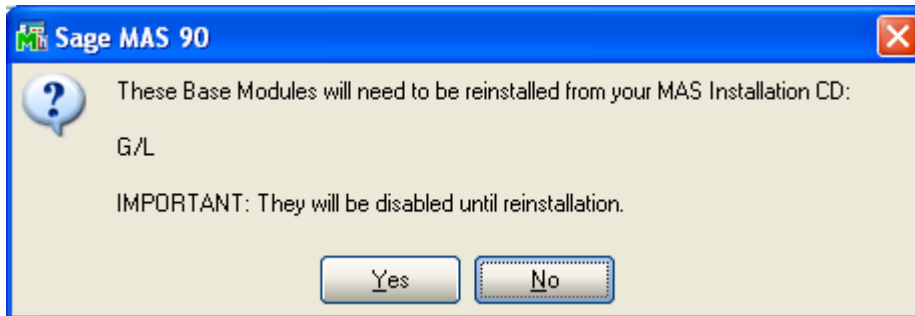
The following message box will appear, to remind you that a complete backup of your entire MAS90 system should be completed prior to uninstalling a DSD product.



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 MAS Service Packs / Updates, if applicable.

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

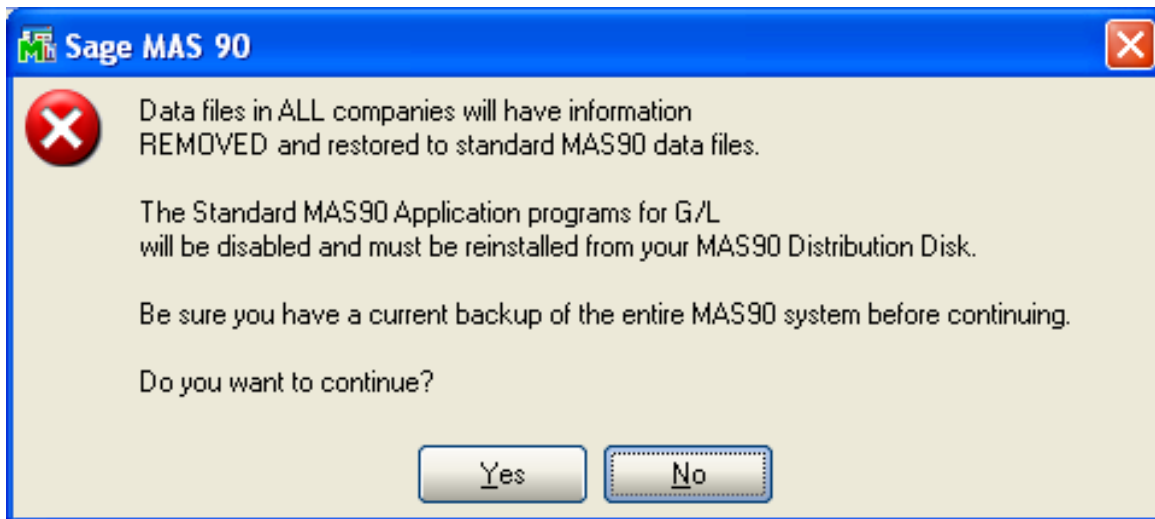


Select **No** to exit the Uninstall Process.  
Select **Yes** to continue with the Uninstall Process.

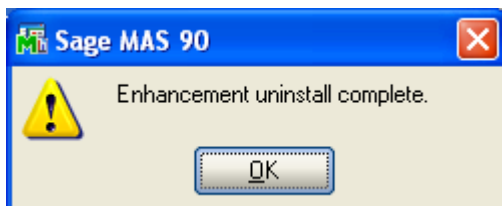
The following message box will appear, displaying the final warning message.

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).

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## Fax Transmittal Form

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To:	<i>DSD Business Systems Customer Service</i>		Fax:	<i>858/ 550-4900</i>
From:	Name:		Phone:	
	Company:		Fax:	
Date:	/ /	# Pgs Including this Page:		
Subject:	Check One: <input type="checkbox"/> Product Problem <input type="checkbox"/> Suggestions			
Product:	<i>S542 Multiple Jobs on a Single Invoice</i>		Version:	<i>6.10</i>

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