



# **DSD Business Systems**

**SAGE 100 Enhancements**

**S017**

**S/O Line Print Suppression by UDF**

**S0-1017**

**Version 5.40**



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S/O Line Print Suppression by UDF User's Manual  
Version 5.40

2 February, 2017

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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*

S017 S/O Line Print Suppression by UDF:

<http://www.dsdinc.com/enhancement/so-line-print-suppression-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.

### ***S/O Line Print Suppression by UDF Features***

Using a Sales Order Detail UDF and a Sales Order Invoice Detail UDF as the print/no print flag, this Extended Solution sets the default value for the UDF based on the line type. The user can then modify Crystal Reports with a formula to suppress the printing of lines whose UDF is checked.

**The Custom Office module must be activated in order for this Extended Solution to function.**

## 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.**
- **Do not install this Enhancement on MAS SQL Systems.**

### Required Levels

SAGE 100 Module	Module Required	Required Level
S/O	Y	5.40

### 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 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.

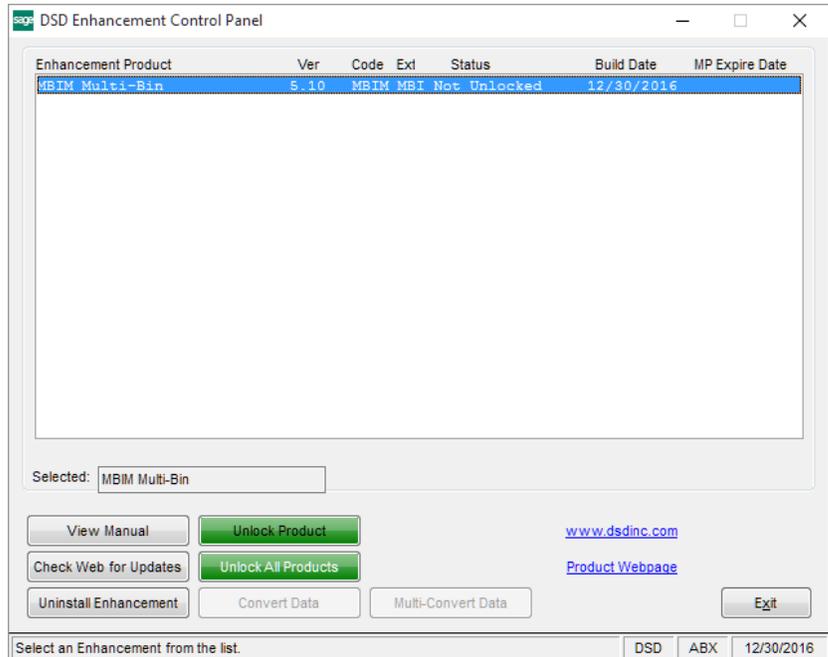
**View Manual:** This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not present, and the system has web access, the correct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

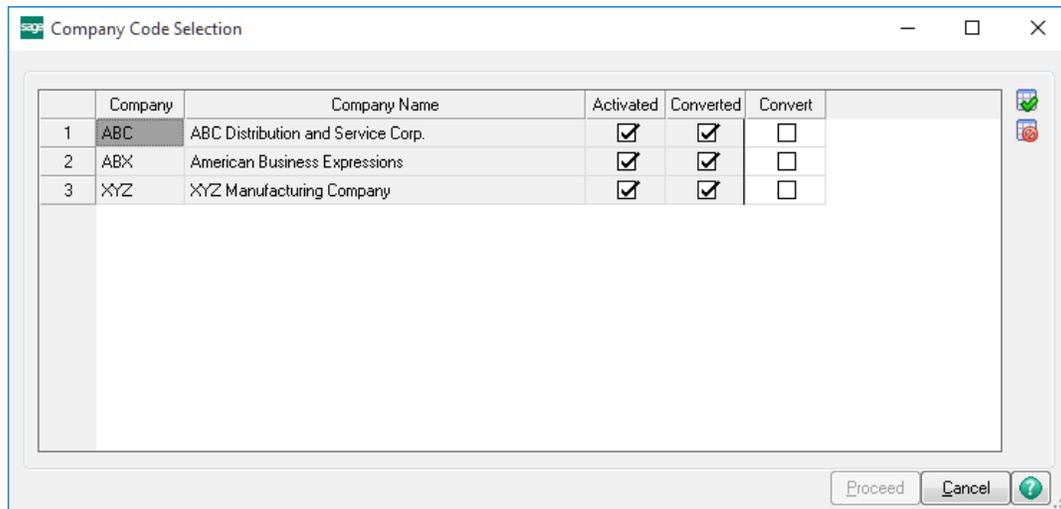
**Unlock Product:** This will cause the DSD Enhancement License Agreement and Activation window to appear. Using this window is described on the previous page. *This button is disabled if the selected Enhancement is already unlocked or if unlocking is not required.*

**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 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.

Answer the following prompts:

**Default for. . . :** These are the default UDF values for the five possible S/O Order/Invoice line types and kit component lines. Check the box if, by default, you want that line type to print and unchecked if you want that line type not to print. The defaults will be used during data entry when a new line is added.

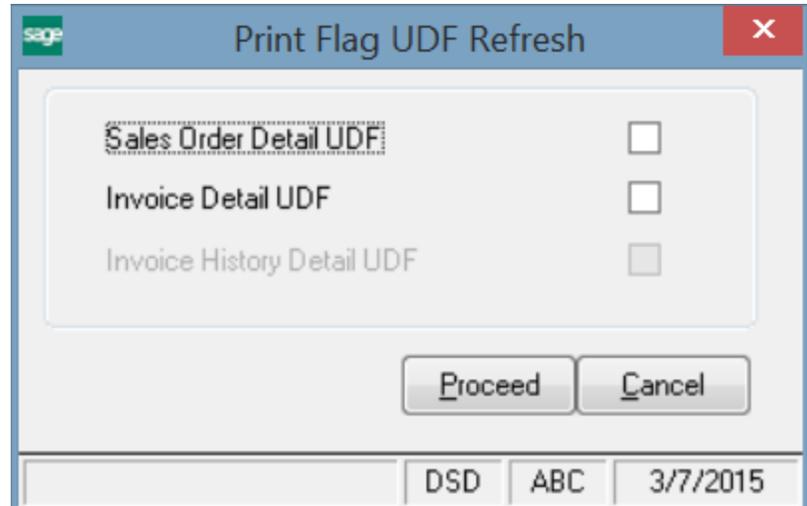
**Set Print Flag to 'N' During Picking Sheet Printing:** Check this box if you want to set the Print Flag UDF for all lines to unchecked during picking sheet printing. This applies only to lines that are selected to be included in the picking sheet work file.

**Sales Order Detail UDF for 'Print Flag':** Specify a Custom Office Sales Order Detail check box UDF.

**Invoice Detail UDF for 'Print Flag':** Specify a Custom Office Invoice Detail check box UDF.

**Refresh UDF button:** Click this button to refresh the Print Flag UDFs in existing records using the current default values.

Select which UDF type you would like to refresh. If you have specified an Invoice Detail print flag UDF and you have a UDF with the same name defined in the AR Invoice History Detail file, the Invoice History Detail UDF check box will be enabled. Only Invoice History lines which originated from the Sales Order module will be refreshed.



The screenshot shows a dialog box titled "Print Flag UDF Refresh" with a Sage logo in the top left and a close button in the top right. The main area contains a list of UDF types with checkboxes:

- Sales Order Detail UDF
- Invoice Detail UDF
- Invoice History Detail UDF

Below the list are two buttons: "Proceed" and "Cancel". At the bottom of the dialog, there are three fields containing the text "DSD", "ABC", and "3/7/2015".

### **Role Maintenance**

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

- Extended Solutions Setup

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

## Section D: System Operations

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### *Sales Order Data Entry and Invoice Data Entry*

When a new line is added, the value of the Print Flag UDF will be set based on the item type.

When a kit is exploded, the Print Flag UDF of the component items will be set to the default value for component regardless of item type. If the Print Flag UDF has been placed on the detail line through Custom Office, the UDF for component lines will not reflect the correct status until you have left the Lines Tab and returned.

You can override these defaults.

### *Forms Maintenance*

You will need to create a Print Flag UDF in the sales order, picking sheet, and/or invoice printing work file and specify the appropriate data source for the UDF. Then you will need to modify the applicable form code(s) for each type of sales order form which you wish to suppress lines from printing. The following example illustrates how to modify the standard MAS90 item line suppression formula in the sales order form:

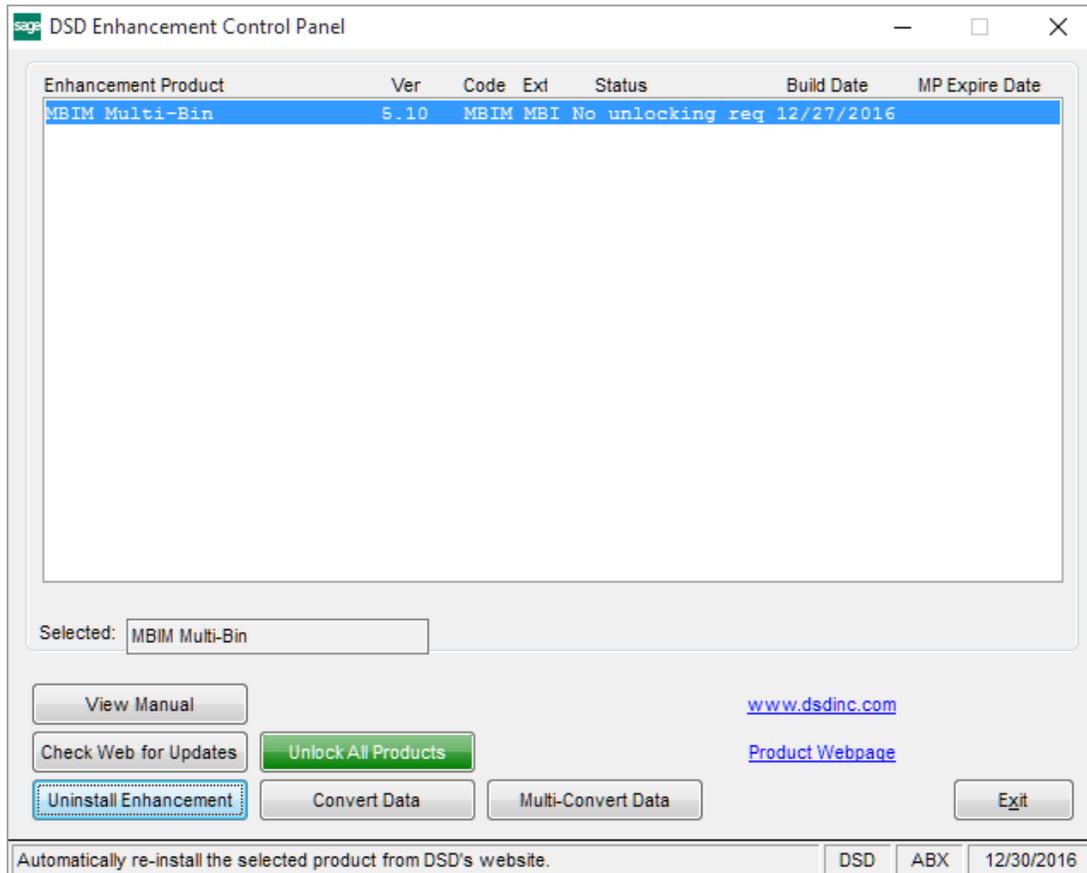
formula = {SO\_SalesOrderWrk.ItemType} = "4" or {SO\_SalesOrderWrk.UDF\_PRINT\_FLAG} = "N"

### *Picking Sheet Printing*

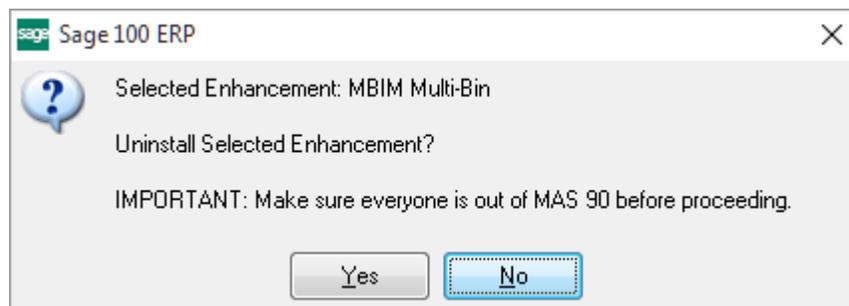
If you selected in Setup to 'Set Print Flag to 'N' During Picking Sheet Printing', at the end of Picking Sheet Printing, the Print Flag UDFs for lines that were included in the Picking Sheet Work File will be set to unchecked.

## 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.

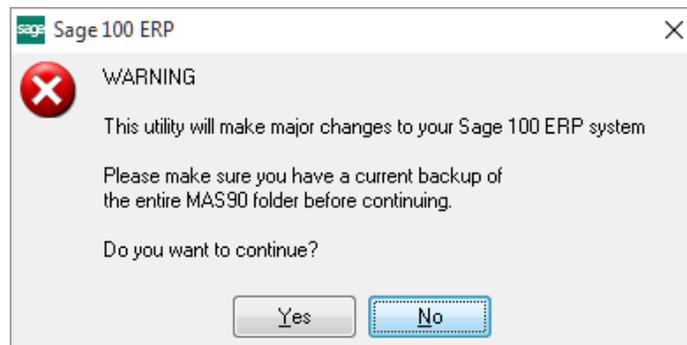


When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



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.



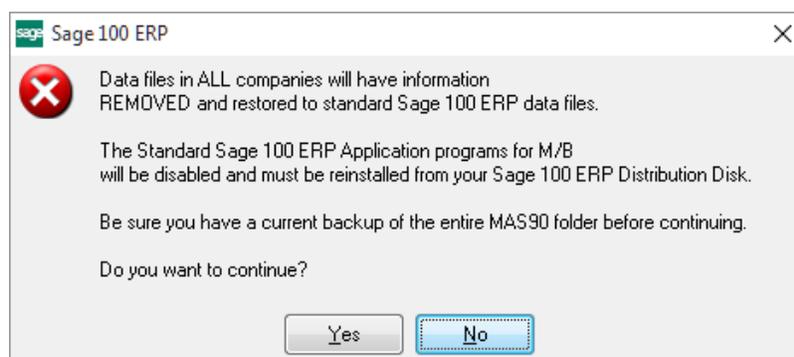
Select **No** to exit the Uninstall Process.  
Select **Yes** to continue with the Uninstall Process.

**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.

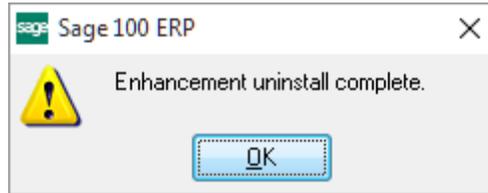
Select **No** to exit the Uninstall Process.  
Select **Yes** to continue with the Uninstall Process.

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).