

DSD Business Systems

Sage 100 Enhancements

S288

Enhanced Auto Generate Invoice Function

SO-1288

Version 7.20



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Enhanced Auto Generate Invoice Function User's Manual
Version 7.20

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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*

S288 Enhanced Auto Generate Invoice Function:

<http://www.dsdinc.com/enhancement/enhanced-auto-generate-invoice-function-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.

Enhanced Auto Generate Invoice Function Features

This DSD Extended Solution adds the following functionality to Sales Order's Auto Invoice Generation:

- automatically assign the Sales Order Number as the Invoice Number
- select Orders by Bill To Name
- select Orders by Terms Code
- select Orders by a range of Warehouses
- select Orders by Type: either Standard Orders or Back Orders
- select orders with blank Customer PO Numbers
- recalculate freight
- allow for individual order selection as opposed to a range
- automatic selection of orders

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	7.20

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.

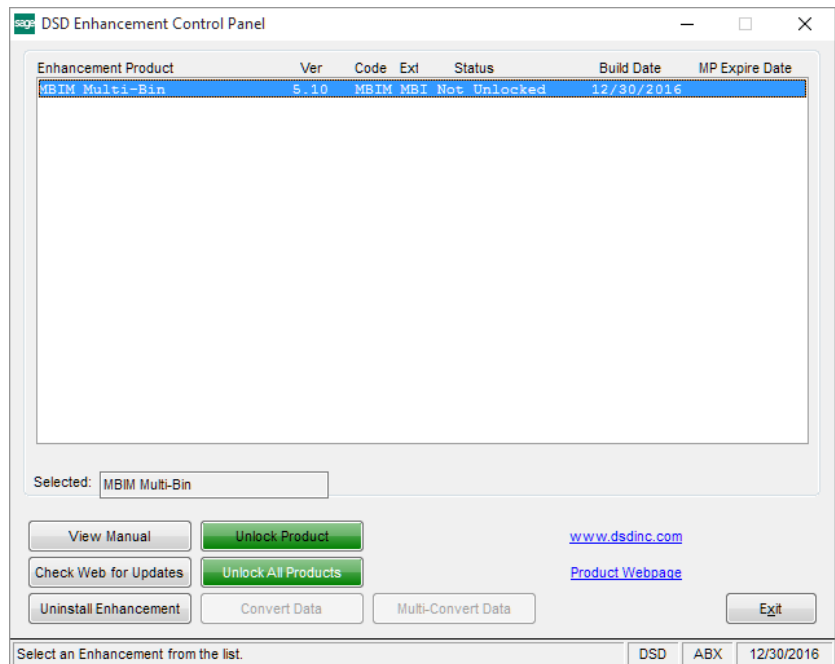
View Manual: This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not present, and the system has web access, the correct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

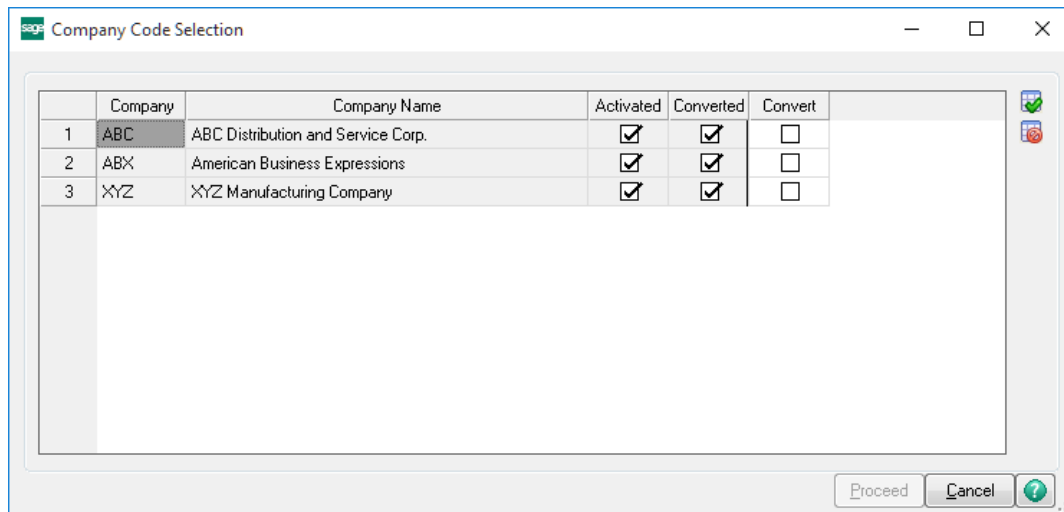
Unlock Product: This will cause the DSD Enhancement License Agreement and Activation window to appear. Using this window is described on the previous page. *This button is disabled if the selected Enhancement is already unlocked or if unlocking is not required.*

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 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 Extended Solution' box to activate this Extended Solution.

SO-1288 Setup Options

SO-1288 Enhanced Auto Invoice

Enable DSD Extended Solution ☒ Level 7.20

Use Sales Order Number as Invoice Number ☐

Allow Individual Order Selection ☐

Prompt to Recalculate Freight ☐

Accept Cancel

DSD ABC 4/10/2023

Answer the following prompts:

Use Sales Order Number as Invoice Number: Check this box to use the Sales Order Number as the Invoice Number. If A/R Invoice History is maintained, and the invoice number already exists in history, then Auto Generate Invoices will use the next available Invoice Number.

Allow Individual Order Selection: Check this box to add a sales order list to Auto Generate Invoice Selection.

Prompt to Recalculate Freight: With this option checked, the user will be prompted to recalculate freight as part of the selection. Uncheck this box if you want the freight to always recalculate.

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

Section D: System Operations

The Terms Code, Warehouse and Bill To Name have been added as Select fields. Additionally, a new field 'Customer POs to Include' has been added. Select 'ALL', 'Only Blank', or 'Only Non Blank'.

Auto Generate Invoices Selection (ABX) 5/30/2023

Order Type to Generate From: Standard/Back Orders

Batch: 00001

Ship Invoice Complete: ☒

Select Expired Orders: ☐

Select Orders on Hold: ☒

Customer POs to Include: All

Select Field	Operand	Value
Salesperson	All	
Cycle Code	All	
Ship Date	All	
Promise Date	All	
Terms Code	All	
Warehouse	All	
Bill To Name	All	

Clear Proceed Cancel

If you checked the option 'User Sales Order Number as Invoice Number' in Setup, the invoices created will be assigned an Invoice Number equal to their Sales Order Number. If that Invoice Number is already on file, the program will assign the next Invoice Number from Sales Order Setup. If you selected 'Prompt to Recalculate Freight,' in Setup, you will receive this prompt for each invoice.

Sage 100

Do you want to recalculate freight?

Yes No

If you answer 'No,' then the freight field of the Invoice will default from its Sales Order value. If you answer 'Yes,' standard processing will recalculate the freight on the invoice.

A listing of the selected Sales Orders can be printed by pushing the Printer button.

Note: If the **Clear** button is active, there are previous selections still in the Auto Generate file. You can print the selections to determine if they need to be cleared from the file before proceeding.

Individual Order Selection

If you checked 'Allow Individual Order Selection' in Setup, a 'SO Sel...' button will be available.

Auto Generate Invoices Selection (ABX) 5/30/2023

Order Type to Generate From: **Standard/Back Orders** Batch: 00002

Ship Invoice Complete: ☒ Select Expired Orders: ☐ Select Orders on Hold: ☒ Customer POs to Include: **All**

Select Field	Operand	Value
Sales Order Number	All	
Sales Order Date	All	
Customer Number	All	
Salesperson	All	
Cycle Code	All	
Ship Date	All	
Promise Date	All	

Buttons: Clear, SO Sel..., Proceed, Cancel, Printer icon, Help icon

Click this button to display 'Individual Order Selection'. All Sales Orders which met the selection criteria will be listed, unchecked. Check the 'Selected' box next to each order to select individual Sales Orders for generation.

You may select additional invoices or select all orders by clicking on the green 'Select All' button. Selected flags can be cleared by clicking the red 'Select None' button.

Individual Order Selection

Sales Order	Selected
0000001	<input type="checkbox"/>
0000002	<input checked="" type="checkbox"/>
0000003	<input type="checkbox"/>
0000004	<input checked="" type="checkbox"/>
0000005	<input type="checkbox"/>
0000008	<input type="checkbox"/>
0000009	<input type="checkbox"/>
0000010	<input type="checkbox"/>
0000011	<input checked="" type="checkbox"/>
0092577	<input type="checkbox"/>
0092578	<input type="checkbox"/>
0092579	<input checked="" type="checkbox"/>
0092580	<input type="checkbox"/>
0092581	<input type="checkbox"/>

Buttons: OK

If this option is checked, Sales Orders can only be selected from the Individual Order Selection screen. No Sales Orders will be selected by pushing the Proceed button unless they have been first selected on the Individual Order Selection screen.

After the 'Proceed' button is pushed, Sales Orders which met the selection criteria will be selected, and a listing can be printed by using the Printer button.

If you import data into the SalesOrderTrackingInfo_001 file using VI, and the order number exists in that file, the order will show as selected on the Individual Order Selection window after import. When Invoices are created the tracking number records will be moved to the Invoice Tracking file.

This list does not reflect order numbers eligible for Invoicing, but lists the defined range. Therefore, it will be possible to check a box and not have an Invoice generated because the order is currently being invoiced.

Note: If the **Clear** button is active, there are previous selections still in the Auto Generate file. You can print the selections to determine if they need to be cleared from the file before proceeding.

Visual Integrator

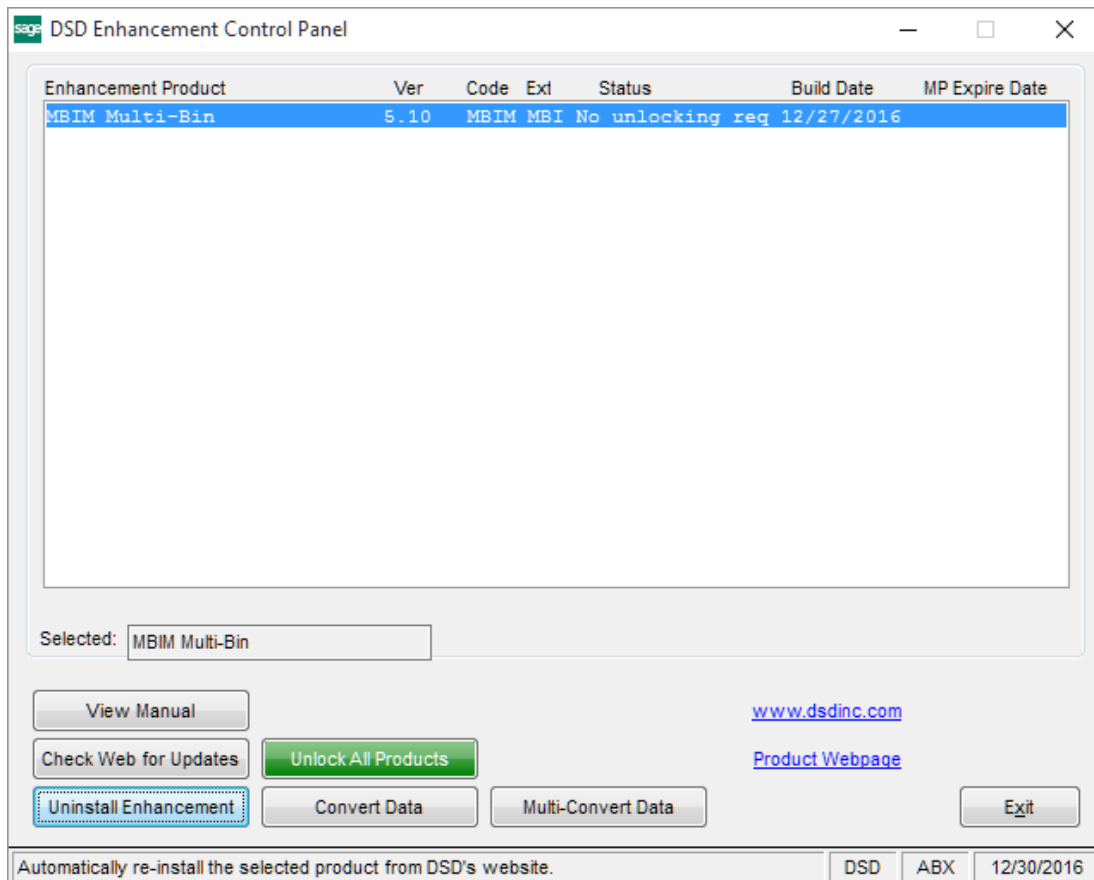
The files listed below have been added or changed in the Data Dictionary by this Extended Solution for Visual Integrator purposes.

File	Fields
SO_SalesOrderTrackingInfo_001	SalesOrderNo TrackingNo

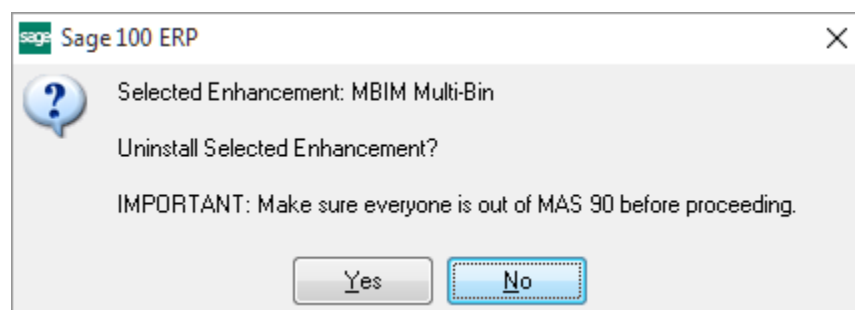
The Data Dictionary may contain other files and data fields that are not available without their corresponding Sage Software Extended Solutions installed.

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.

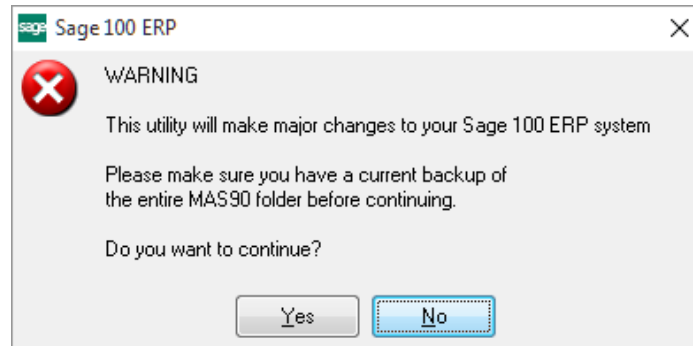


When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



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.

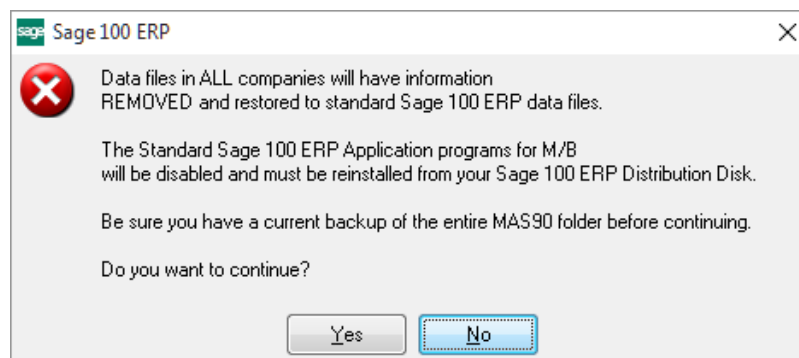
After the Uninstall of the DSD Enhancement, you MUST reinstall certain standard Sage 100 modules, followed by reinstallation of Product Updates and Hot Fixes, if applicable.

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.

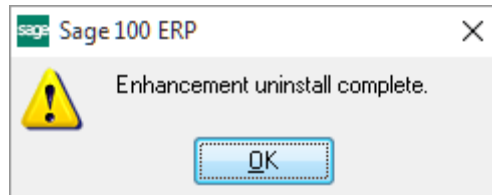
The following message box will appear, displaying the final warning message.



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).