



DSD Business Systems

Sage 100 Enhancements

R220

Cash Receipts Multiple Discount Accounts

AR-1220

Version 7.20



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Cash Receipts Multiple Discount Accounts User's Manual
Version 7.20

29 August, 2023

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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*

R220 Cash Receipts Multiple Discount Accounts:

<http://www.dsdinc.com/enh/pages/R220.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 remotely or by some other to duplicate the system.

Cash Receipts Multiple Discount Accounts Features

This DSD Extended Solution allows you to distribute Accounts Receivable Cash Receipts discounts to more than one General Ledger account.

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
A/R	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.*

The screenshot shows the 'DSD Enhancement License Agreement and Activation' window. It features a scrollable text area for the license agreement, followed by four numbered steps: 1. Agree to License Agreement (with 'Agree' and 'Disagree' radio buttons), 2. Select Unlocking Type (with 'Web', 'File', 'Demo', and 'Manual Entry' radio buttons), 3. Call DSD at 858-550-5900 (with input fields for 'End User Name' and 'Serial Number'), and 4. Enter the following from DSD (with an 'Activation Key' input field). A 'Click to Unlock' button labeled 'Unlock Product' is at the bottom right. The window title bar shows 'DSD ABX 12/30/2016'.

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.*

The screenshot shows the 'DSD Conversion Wizard: Step One, Introduction' window. It features the DSD Business Systems logo at the top. Below the logo, there is a message: 'This company's data needs to be converted. This program will perform the conversion.' To the right of the text is a small icon of a person running. At the bottom right, there are 'Cancel' and 'Next' buttons.

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 Accounts Receivable 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 screenshot shows a dialog box titled "AR-1220 Setup Options" with a close button (X) in the top right corner. The main heading inside the dialog is "AR-1220 Cash Receipts Mult Dis". Below this heading is a section with a checkbox labeled "Enable DSD Extended Solution" which is checked, and a text field to its right containing "Level 7.20". At the bottom right of the dialog are two buttons: "Accept" and "Cancel". A status bar at the bottom of the dialog displays "DSD", "ABC", and "8/29/2023".

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

Role Maintenance

The following Task has been added to Accounts Receivable, Setup Options:

- DSD Extended Solutions Setup

The following Task has been added to Accounts Receivable, Setup:

- Discount Code Maintenance

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.

Section D: System Operations

A/R Discount Code Maintenance

This option has been added to the A/R Setup menu. When selected, you will be prompted for:

DISCOUNT CODE (5 characters)

DESCRIPTION (30 characters)

G/L ACCOUNT NUMBER

A/R Discount Code Maintenance (ABC) 8/29/2023

Discount Code: 00002

Description: Code 2

Discount Account: 952-00-00

Discounts 00002

Accept Cancel Delete

A listing is available to print.

Discount Code Listing

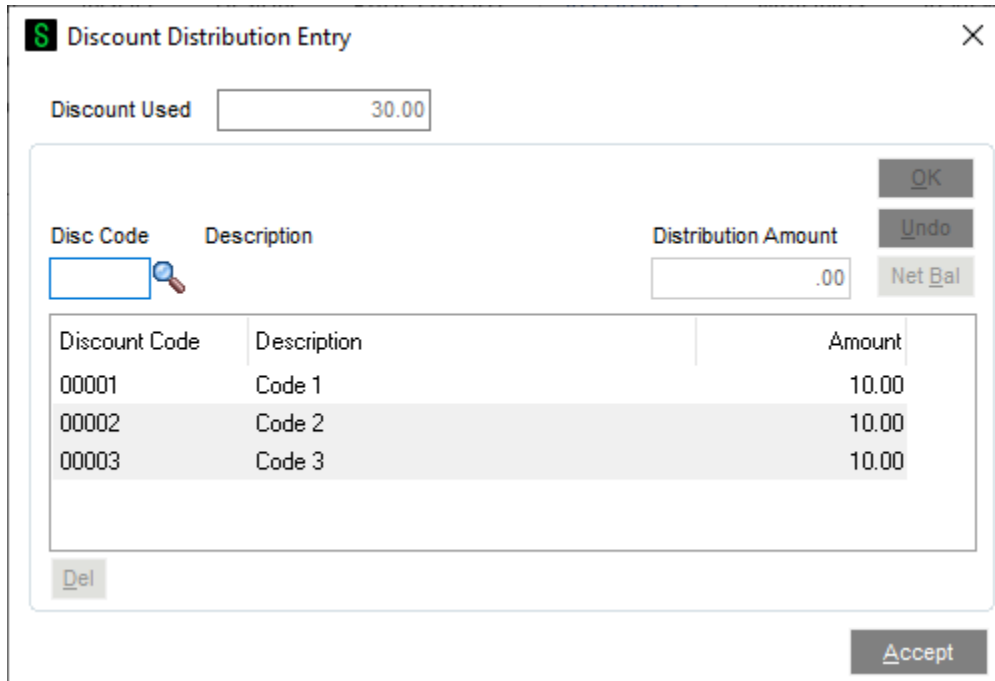
ABC Distribution and Service Corp. (ABC)

Discount Code	Description	Discount Account
00001	Code 1	951-00-00
00002	Code 2	952-00-00
00003	Code 3	953-00-00

Current Page No.: 1 Total Page No.: 1 Zoom Factor: 100%

A/R Cash Receipts Entry

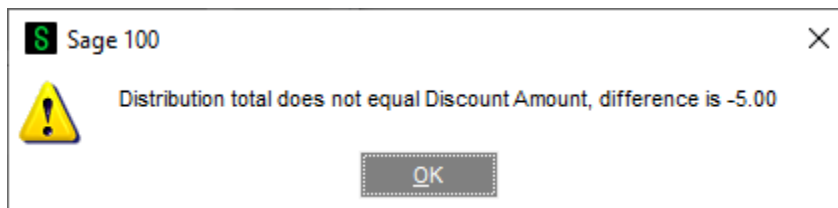
As you save an Invoice line with a Discount Used, Discount Distribution Entry will appear:



The dialog box titled "Discount Distribution Entry" features a "Discount Used" field with the value "30.00". Below this is a table for distribution entries. The table has three columns: "Disc Code", "Description", and "Distribution Amount". The "Distribution Amount" field is currently set to ".00". To the right of the table are buttons for "OK", "Undo", and "Net Bal". Below the table is a "Del" button. At the bottom right of the dialog is an "Accept" button.

Disc Code	Description	Distribution Amount
00001	Code 1	10.00
00002	Code 2	10.00
00003	Code 3	10.00

You can enter any number of discount codes with corresponding discount amounts, however the sum of the distribution amounts must equal the discount used. You will not be able to exit the screen unless the distribution amounts equal the discount amount from the line.



The error dialog box titled "Sage 100" contains a yellow warning triangle icon and the text "Distribution total does not equal Discount Amount, difference is -5.00". An "OK" button is located at the bottom center of the dialog.

The Lines tab of Cash Receipts Entry has been modified with a 'DiscDist' button). Click the button to re-access Discount Distribution Entry.

Cash Receipts Entry (ABC) 8/29/2023

Customer No. 01-ABF Name American Business Futures Invoice No. Deposit Type Cash Check No. 313123123

1. Header 2. Lines 3. Payment

Quick Row 2 DiscDist

	Invoice No.	Inv Date	Inv Amount	Disc Used	Amt Posted	Balance
1	0000122-IN	1/31/2025	850.00	30.00	820.00	.00
2			.00	.00	.00	.00

Line Type Invoice Discount Date GL Account G/L Acct Desc

Posting Balance 30.00
Total Posted 820.00

Accept Cancel Delete

A/R Cash Receipts Journal and Update

All discounts will print on the A/R Cash Receipt Journal and update to the GL Account Numbers which correspond to the Discount Code entered. The Discount Code does not print on the journal.

ODBC Dictionary

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

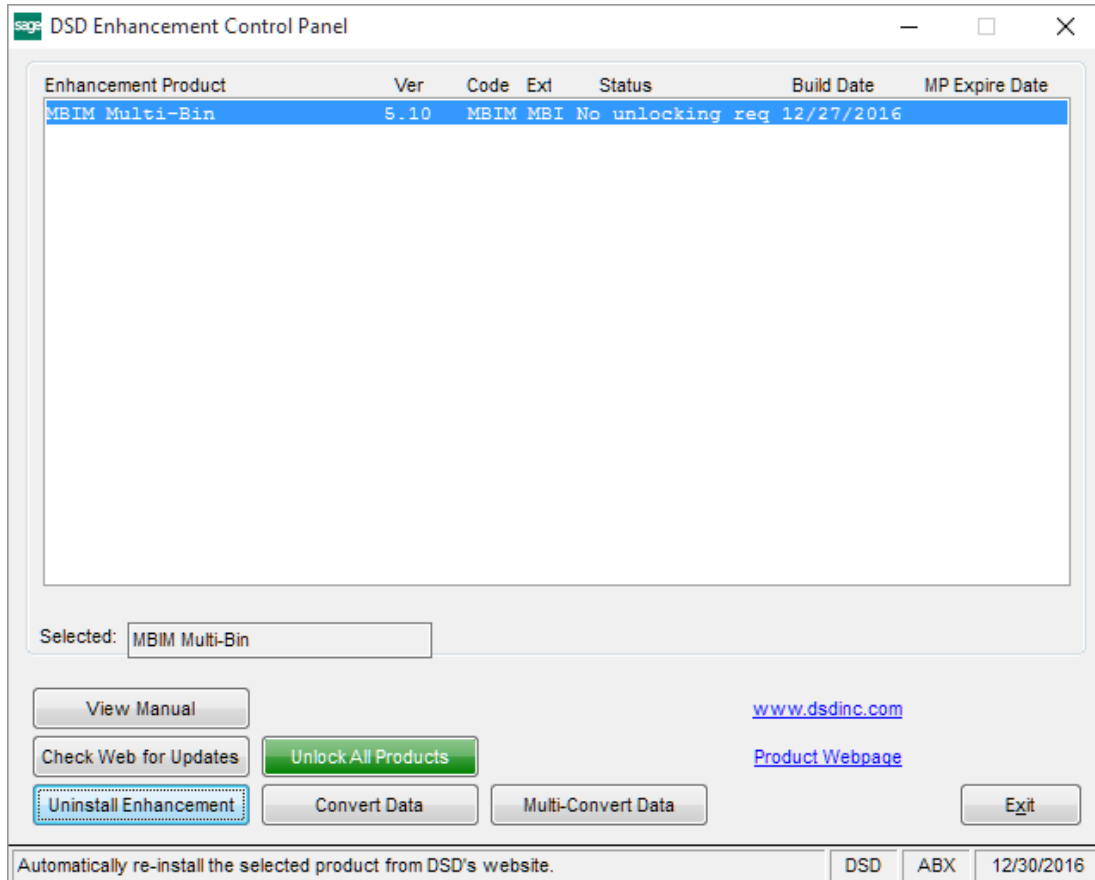
<i>File:</i>	<i>Field:</i>
AR_DiscountCode_001	All Fields
AR_DiscountDistribution_001	All Fields
AR_DiscountCodeListing001Wrk	All Fields

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

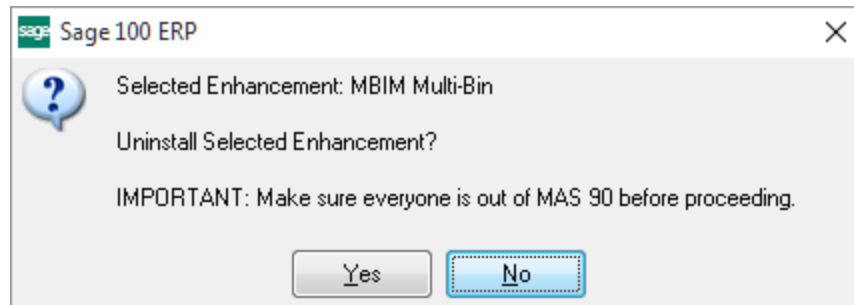
NOTE: Import into AR_DiscountCode_001 is not supported.

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.

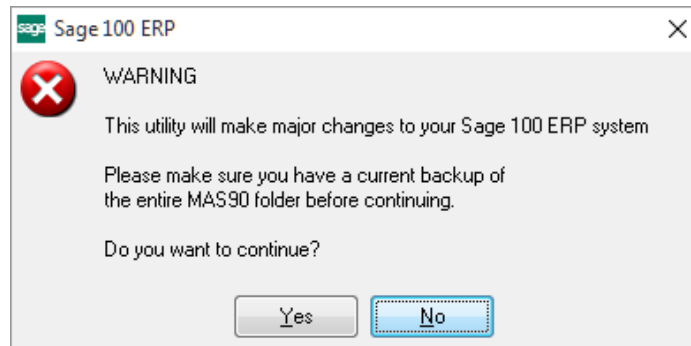


When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



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.



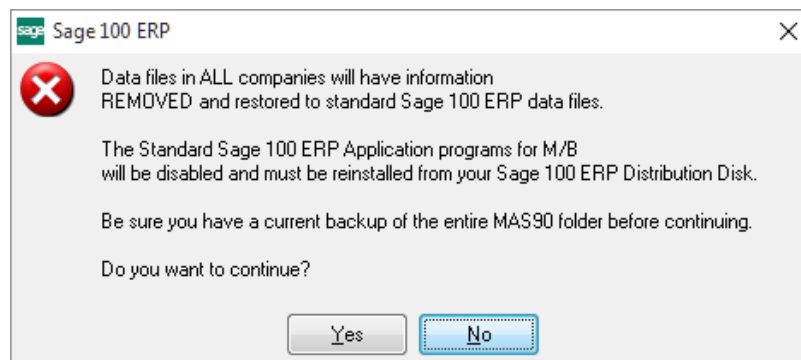
Select **No** to exit the Uninstall Process.
Select **Yes** to continue with the Uninstall Process.

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.

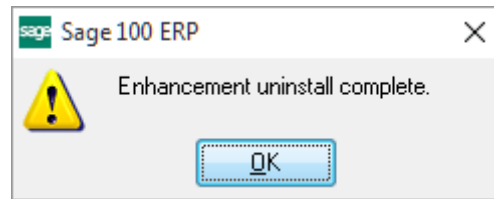
Select **No** to exit the Uninstall Process.
Select **Yes** to continue with the Uninstall Process.

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).