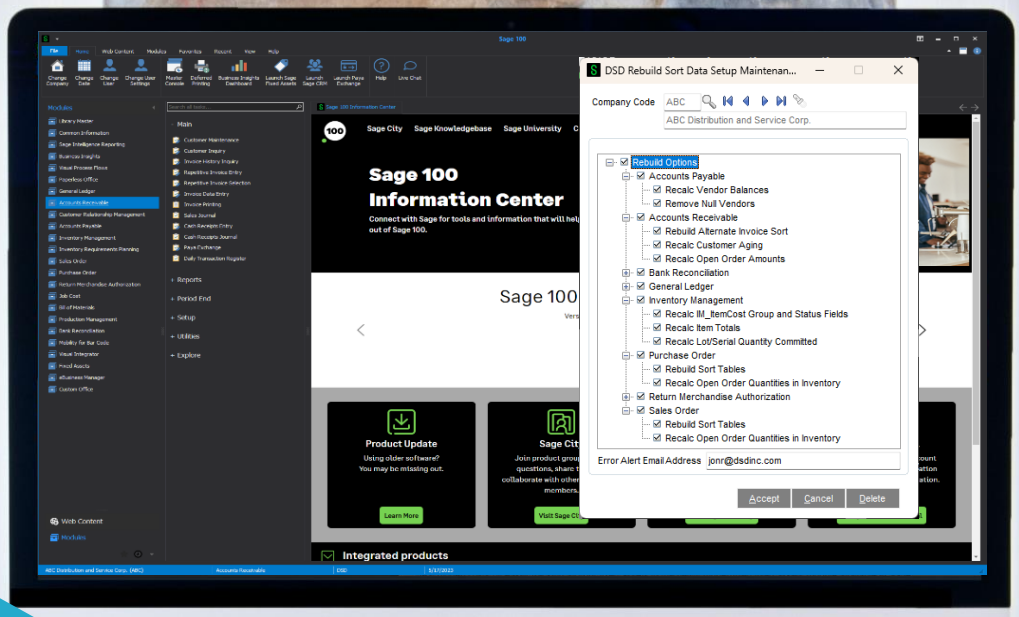


DSD BUSINESS SYSTEMS

SAGE 100 ENHANCEMENTS

LMRS

REBUILD SORTS SCHEDULER

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Rebuild Sorts Scheduler

Published Date: October 29, 2026

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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.

Rebuild Sorts Scheduler Features

DSD Rebuild Sorts Scheduler improves standard Sage 100 Rebuild Sorts by providing the ability to schedule them to occur after hours with less chance of failure due to file & record locking. Unlike Standard Sage 100's Rebuild Sorts, DSD Rebuild Sort Data does not lock entire tables. The records of the file are read, and if a field needs to be recalculated for that record, **only the individual record** is temporarily locked. ***Note**: If the record is in use, the records will be skipped and noted in the log file.*

A new Library Master / Utilities "DSD Rebuild Sort Data Setup Maintenance" menu item is available to configure which rebuilds need to run by Company Code and an Email Address can be entered to be notified if any issues occur when the utility is run.

The Library Master / Utilities "DSD Rebuild Sort Data" utility can be added to the Task Scheduler or run on demand from the menu.

A Log file is generated and attached to an entry in the System Activity Log with important information about the rebuild including:

- Date/Time of execution
- Files rebuilt successfully
- Records that were changed/updated
- Record failures due to records in use

Supported Enhancements

The following enhancements are supported by this Rebuild Utility:

- DSD Multi-Currency
- DSD / ScanForce Multi-Bin
- EndPoint Operations Management and Multi-Bin
- DSD Service Center
- DSD Cash Basis for AP and AR
- DSD SO-1023
- DSD SO-1274

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- DSD SO-1460
- ScanForce MBLP and MBWT

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Section B: Getting Started

Important – Read this section prior to installing this enhancement.

Updated Modules

This enhancement modifies several Sage 100 modules. If you reinstall one of the Sage 100 modules listed in the following table, you must also reinstall this enhancement. **Enhancements from different Sage Tech Partners may not be designed to work together.**

Module	LMRS
Library Master	✓

If you are upgrading Sage 100 with a Product Update, check the DSD website for compatibility before upgrading. A new version of the enhancement may be required.

If you are upgrading Sage 100 to a new version (e.g., 2021 to 2024), you must obtain the latest compatible release from the DSD website prior to installing and converting.

Ensure the compatibility of all enhancements with the version being upgraded to prior to starting the installation process. Work with your reseller to ensure that enhancements are compatible with each other and note the proper order in which they should be installed.

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Installation

Back-up: Exit all Sage 100 sessions. Back-up existing Sage 100 data.

Check Levels: Sage 100 module levels must match those listed above.

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.

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.

Re-Start Sage 100: Sage 100 will be updated.

Update Security: After installation, you may not see the modules you installed on the Launcher menu. You will need to update all your security Roles to include access to the newly installed modules. Make sure your user has sufficient rights to modify Role Maintenance and add access to the new DSD enhancements to the appropriate Roles.



If this is your first DSD enhancement, make sure to add the DSD Enhancement Control Panel in the Library Master module to an appropriate Role.

Run the DSD Enhancement Control Panel: Run the DSD Enhancement Control Panel from the Library Master module under the Utilities menu.

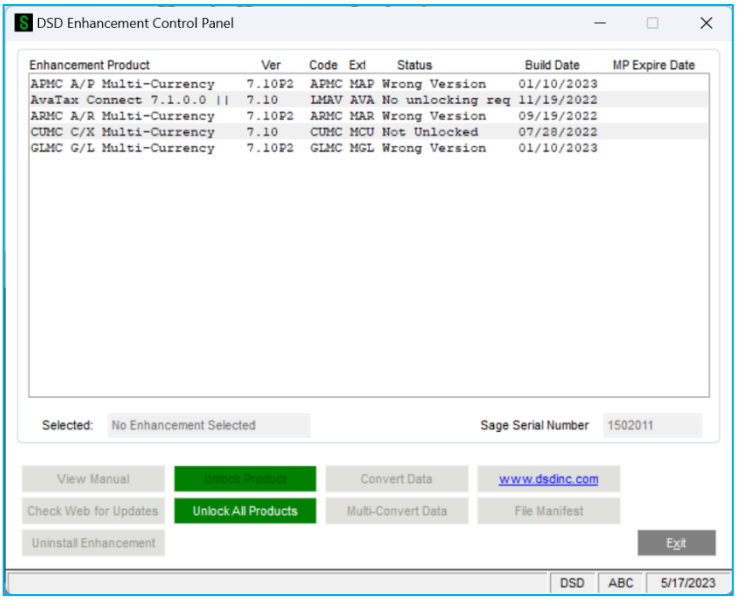
DSD Enhancement Control Panel

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.

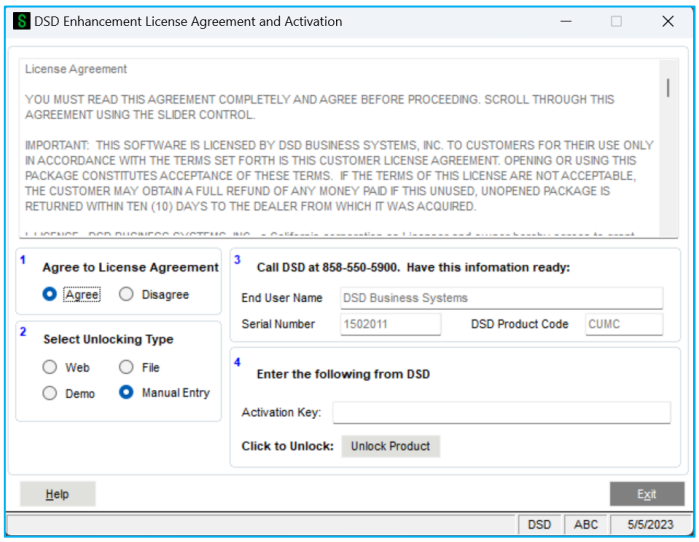
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View Manual: This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not 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. 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. *This button is disabled if the selected Enhancement is already unlocked or if unlocking is not required.*



Agree to the License Agreement: On the DSD Enhancement License Agreement and Activation window, click on the Agree button to accept the DSD License Agreement. 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

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Web Unlock. When this option is selected, the licensing program will attempt to download encrypted serial number key file from DSD **and then proceed to unlock all enhancements contained in the file**.

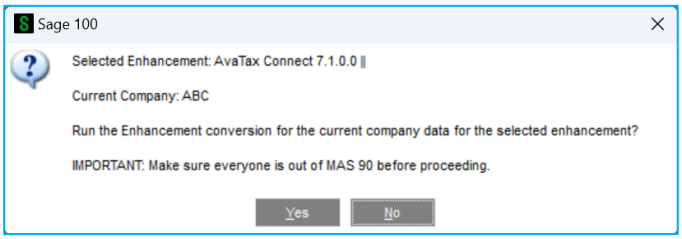
Demo Unlock: If a Demo mode is available for the Enhancement you're running, you will be able to Demo unlock the product without assistance from DSD for demo purposes.

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.

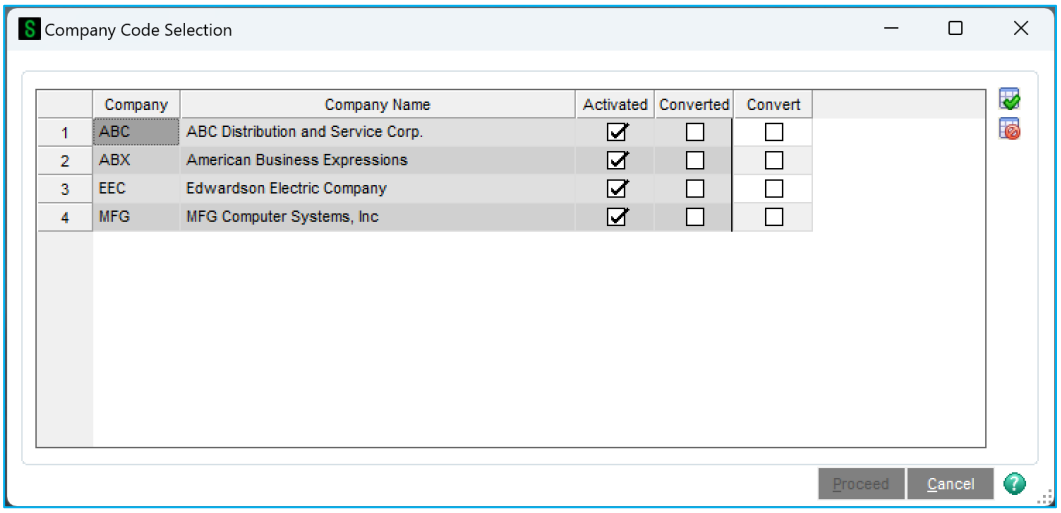
Manual Entry Unlock**:** If you want to unlock a single enhancement using a single encrypted key, you can select this option and enter the 64 character key you receive from DSD by copy and paste.

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.)*



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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.

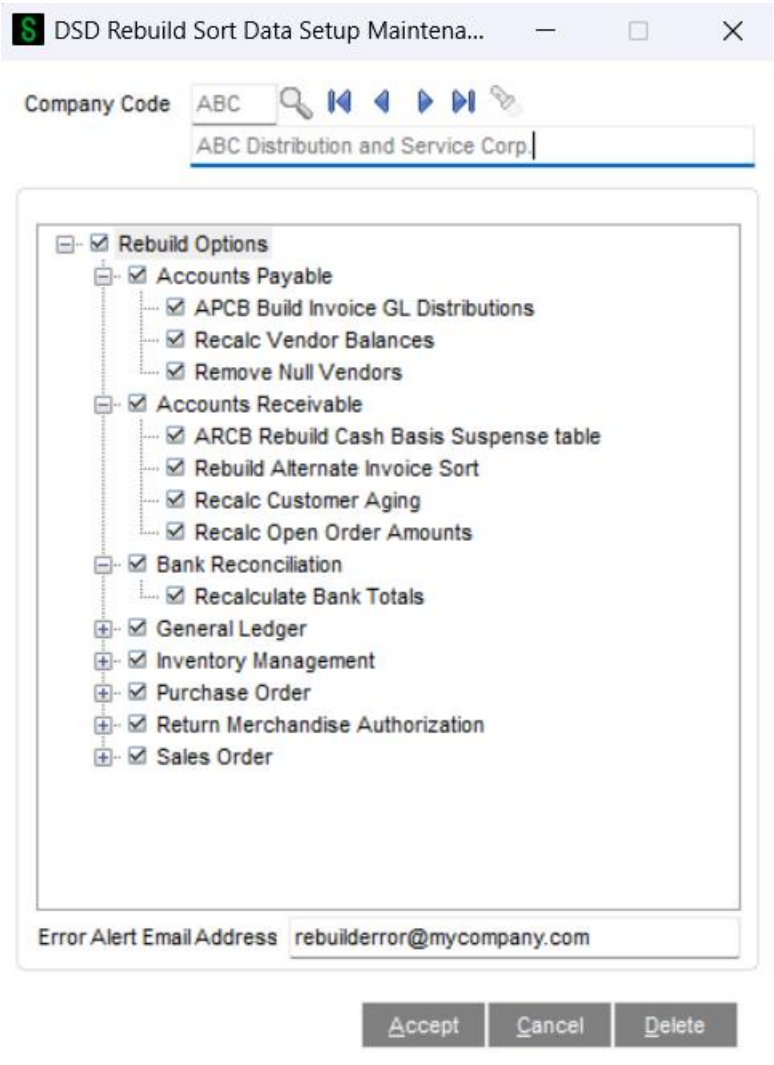
Uninstall Enhancement: If this option is available, then selecting this button will start the un-install process, removing the enhancement from the system. For more information see Uninstall DSD Enhancements.

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Section C: Setup

DSD Rebuild Sort Data Setup Maintenance

A new “DSD Rebuild Sort Data Setup Maintenance” menu item is added to Library Master / Utilities that allows setup of the rebuilds by Company Code. All rebuild tasks from all Sage 100 modules have been added to this setup, and you can choose which tasks can be performed for each Company Code. There’s an additional field that allows entry of an Email Address to email if any issues occur (such as locked records) when the utility is run.



Company Code: Selected rebuild options are by Company Code.

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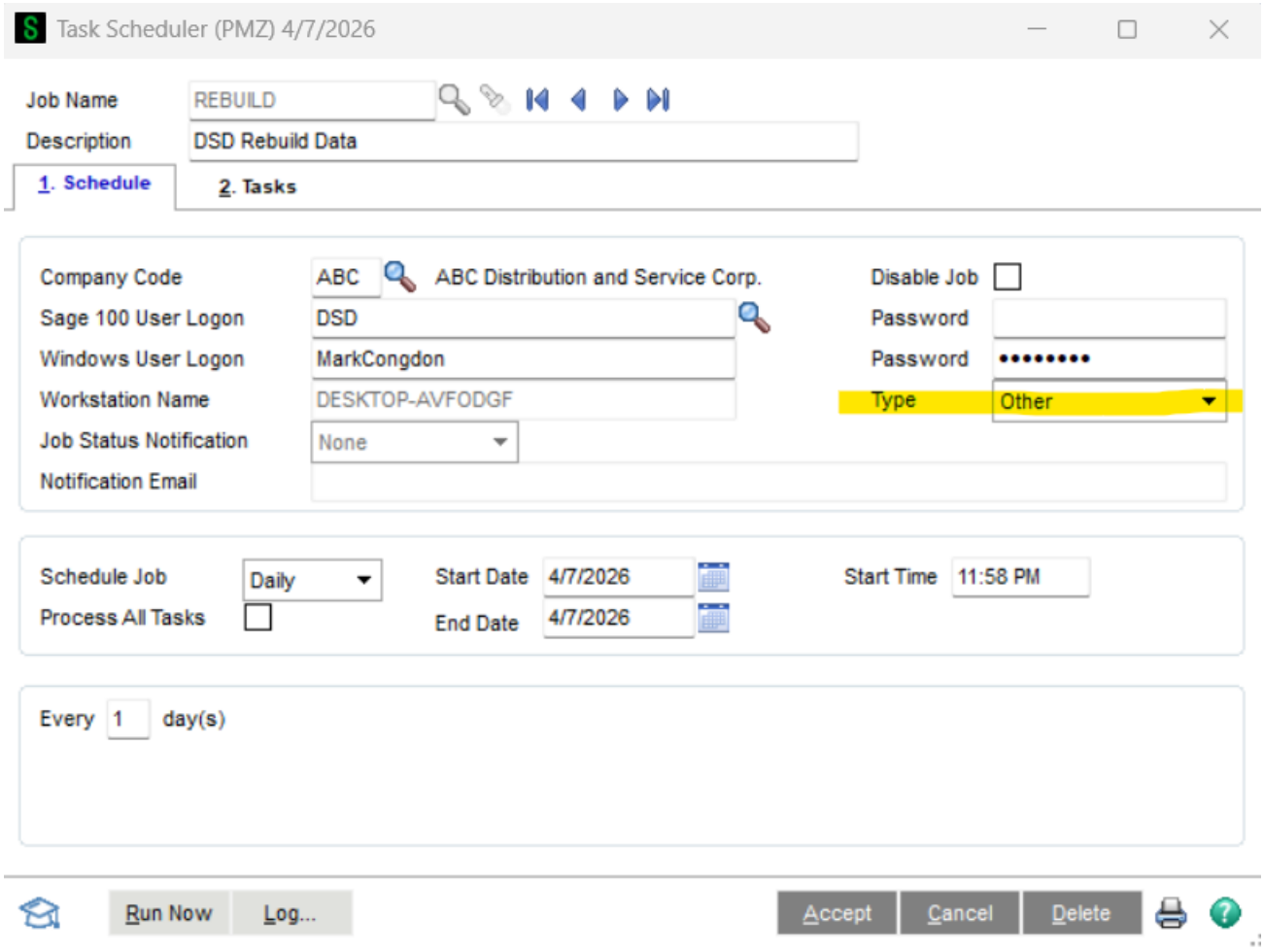
Rebuild Options: Modules in the list can be expanded to show specific rebuild options by module, or the entire module can be selected to do everything for that module. Only modules and features that are fully set up for the company will be shown in the list.

Error Alert Email Address: The email address listed here will receive a notification any time a scheduled rebuild is run and generates any type of error. The detailed log file from the rebuild will be attached to the email. Email server settings must be properly configured in Company Code Maintenance for the active company code when the task is run. *Note that Email Server Settings are pulled from the Company Code active in the launcher when the task is run, or the Company Code used to log in to the Scheduled Task, NOT the Company Code that the rebuild is run for. For example, if the Scheduled Task logs in to company ABC, and runs a rebuild for company XYZ, and an error occurs during the XYZ rebuild, the Email Server Settings from ABC Company Code Maintenance will be used.*

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Scheduled Task Setup

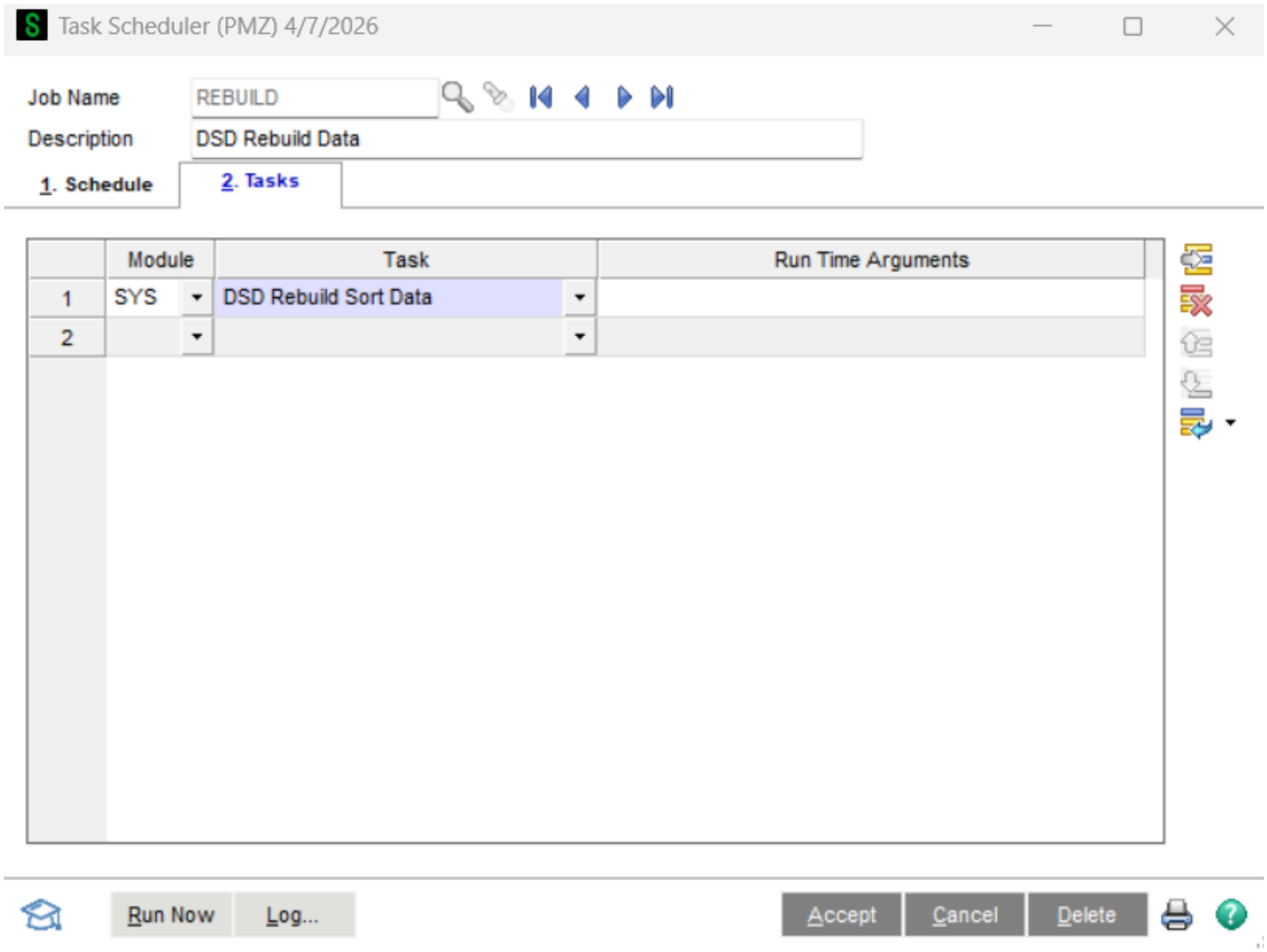
If you want to run the rebuild as a scheduled task, use “Task Scheduler” in Library Master / Main.



Type: Must be set to *Other*

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After everything on the Schedule tab is configured, switch to the **Tasks** tab.



Module: Select *Sys* as the module

Task: Select *DSD Rebuild Sort Data* as the task name

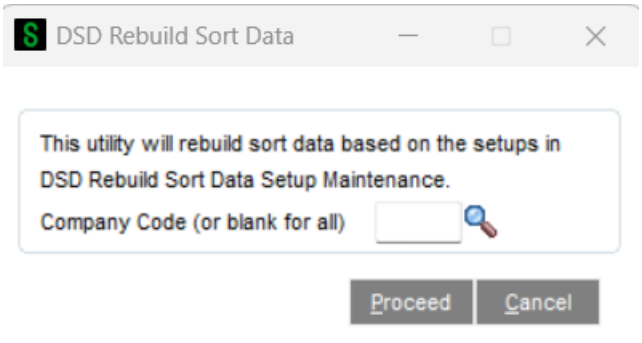
Run Time Arguments: To run rebuilds for all companies based on the setups in DSD Rebuild Sort Data Maintenance, leave this field blank. To run the rebuild for only one company or a set of companies, enter the company code(s) in this field, separated by commas.

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Section D: System Operations

Running Rebuilds Manually

If you need to run rebuilds manually, you can use “DSD Rebuild Sort Data” from Library Master / Utilities.



Company Code: To run the rebuild for all companies based on the setups in DSD Rebuild Sort Data Setup Maintenance, leave this field blank. To run the rebuild for only one specific company, enter the Company Code here. Note that the rebuild tasks will still run for that Company Code based on the setups in DSD Rebuild Sort Data Setup Maintenance.

If there is an error while processing rebuilds for a company, a message will pop up alerting that there was an error. Click “Show Log” in that message, if desired, to see the detailed log. After clicking through that message, the process will move on to the next Company Code and continue rebuilding.

When running the rebuild process manually, error alert emails are not sent.

When all Company Codes are completed, a final completion message will be displayed.

Running Scheduled Rebuilds

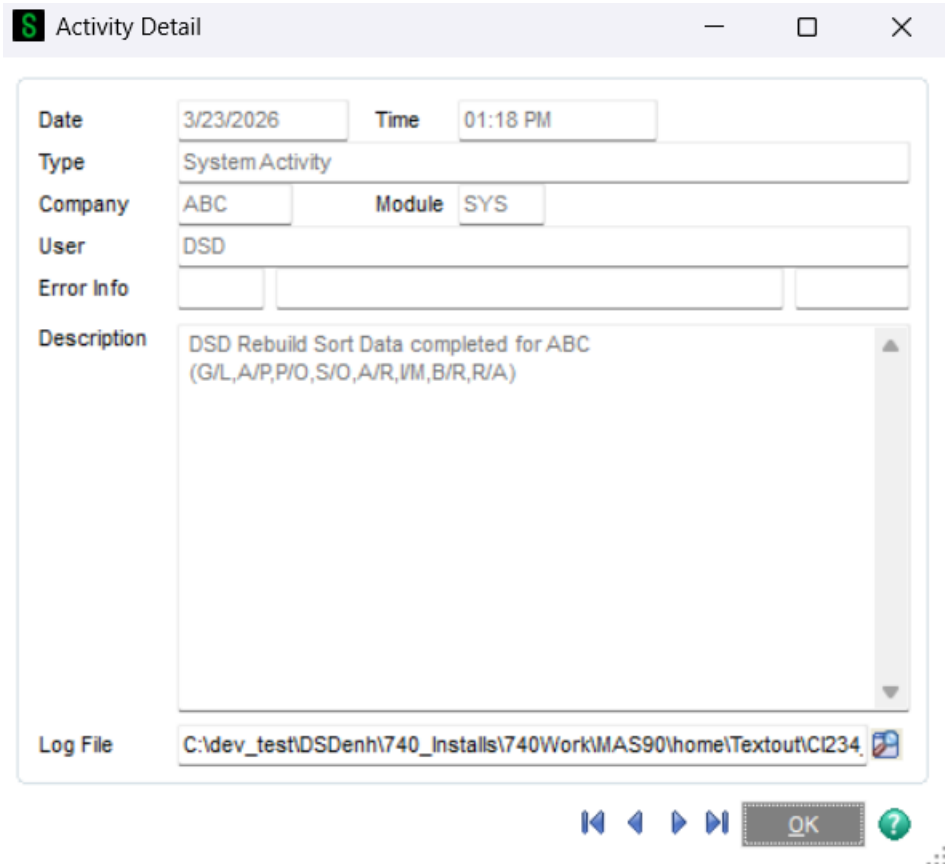
To schedule rebuilds to run unattended on a regular basis, set up Task Scheduler as described in Section C. When a scheduled rebuild runs, no messages will be displayed on the console. If an error occurs, and the Error Alert Email Address is set up for that Company Code, then the detailed log will be emailed to that email address.

After a scheduled rebuild is completed, there will be a new entry in the Activity Log for each company that was rebuilt. To find these entries, run “Activity Log” from Library Master / Reports. You will see entries like these:

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*	System Activity	03/23/2026	13:18:34.99	DSD Rebuild Sort Data completed for PMZ (G/L,A/P,P/O,S/O,A/R,I/M,...	PMZ	SYS	DSD
*	System Activity	03/23/2026	13:18:34.53	DSD Rebuild Sort Data completed for MFG (G/L,A/P,P/O,S/O,A/R,I/M,...	MFG	SYS	DSD
*	System Activity	03/23/2026	13:18:34.38	DSD Rebuild Sort Data completed for EEC (G/L,A/P,P/O,A/R,I/M,J/C)	EEC	SYS	DSD
*	System Activity	03/23/2026	13:18:34.31	DSD Rebuild Sort Data completed for ABX (G/L,A/P,P/O,S/O,A/R,I/M,...	ABX	SYS	DSD
*	System Activity	03/23/2026	13:18:33.88	DSD Rebuild Sort Data completed for ABC (G/L,A/P,P/O,S/O,A/R,I/M,...	ABC	SYS	DSD
*	System Activity	03/23/2026	12:40:06.83	DSD Rebuild Sort Data completed for ABC (G/L,A/P,P/O,S/O,A/R,I/M,...	ABC	SYS	DSD

Double-clicking on one of those entries will bring up details:



Description: The Description details which modules had rebuilds run for that company.

Log File: This contains the full path to the detailed log file. Click the magnifying glass to open the log file in your text viewer.

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Reading Detailed Log

A separate detailed log file will be created for each Company Code that is processed.

```
Run Date: 2026-03-23
Run Time: 11:54:23.142
Company: ABC
User: DSD (DSD)

11:54:23.142,G/L Rebuild Sort Data Initiated
11:54:23.142,Rebuild Account Segment table: ON
11:54:23.142,Rebuild Account History table: ON
11:54:23.190,G/L Rebuild Account History Table Completed; Processed 208, Updated 0, with 0 errors
11:54:23.190,G/L Rebuild Account Segment Table Completed; Processed 416, Updated 0, with 0 errors
11:54:23.211,A/P Rebuild Sort Data Initiated
11:54:23.230,Remove Null Vendors: ON
11:54:23.230,Recalc Vendor Balances: ON
11:54:23.238,A/P Rebuild Sort Data Completed; Processed 34, Updated 0, with 0 errors
11:54:23.238,P/O Rebuild Sort Data Initiated
11:54:23.253,Rebuild Sort Tables: ON
11:54:23.269,Rebuild Sort Tables Completed; Processed 128, Updated 0, with 0 errors
11:54:23.269,Recalc Open Purchase Order Quantities in Inventory: ON
11:54:23.700,Recalc Open Purchase Order Quantities in Inventory Completed; Processed 174, Updated 0, with 0 errors
11:54:23.700,S/O Rebuild Sort Data Initiated
11:54:23.714,Rebuild Sort Tables: ON
11:54:23.745,Rebuild Sort Tables Completed; Processed 78, Updated 0, with 0 errors
11:54:23.745,Recalc Open Sales Order Quantities in Inventory: ON
11:54:23.777,Updated IM_ItemWarehouse 1001-HON-H252:001 QuantityOnSalesOrder 3->0
11:54:23.777,Updated IM_ItemWarehouse 1001-HON-H252:002 QuantityOnBackOrder 10->195 QuantityOnSalesOrder 12->268
11:54:23.793,Updated IM_ItemWarehouse 1001-HON-H252LK:002 QuantityOnBackOrder 0->195 QuantityOnSalesOrder 14->256
11:54:23.813,Updated IM_ItemWarehouse 1001-HON-H254:002 QuantityOnBackOrder 2->195 QuantityOnSalesOrder 25->242
11:54:23.825,Updated IM ItemWarehouse 1001-HON-H254LK:001 QuantityOnBackOrder 0->195 QuantityOnSalesOrder 3->277
```

The top of the log file will give the Run Date, Run Time, Company Code, and the User Code that ran the rebuild. Detail lines start with a timestamp.

For each module, the available options are listed, whether they are enabled or disabled, telling whether they are ON or OFF.

For rebuild tasks are that enabled, a Completion entry will be added, detailing record counts.

Processed: Number of records read to determine if they needed to be updated

Updated: Number of records that needed updates and were successfully changed

Each updated record will have a detail line showing the table and key, and the fields that were changed, with their previous values and their new values.

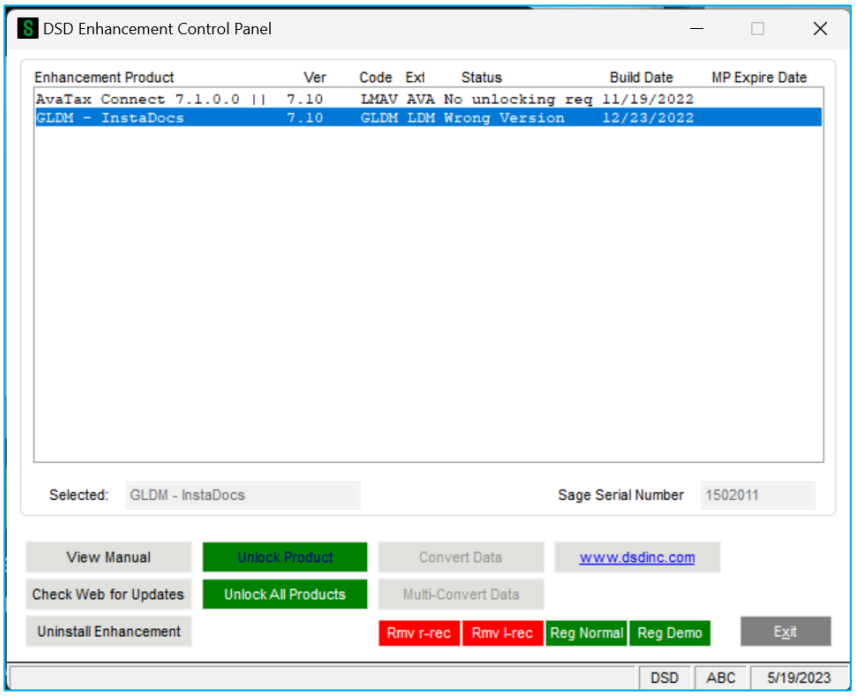
Errors: Number of records that needed updates but could not be changed for some reason

Each errored record will have a detail line showing the table and key, and the error that was encountered. Usually this will be because a record was in use and could not be updated.

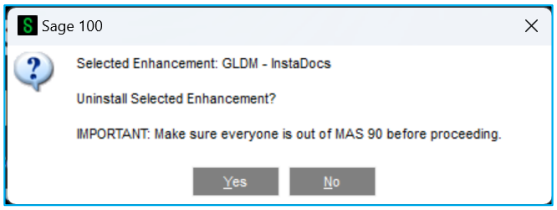
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Section E: Uninstall DSD Enhancements

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.

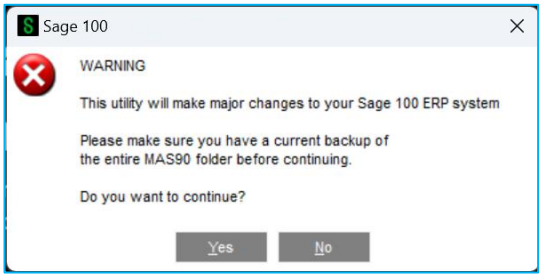


When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



- 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.

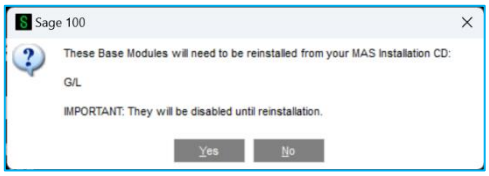


- Select **No** to exit the Uninstall Process.
- Select **Yes** to continue with the Uninstall Process.

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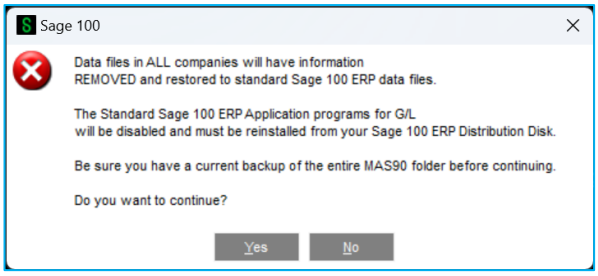
After the Uninstall of the DSD Enhancement, you MUST reinstall certain standard Sage 100 modules, followed by reinstallation of Product Updates and Hot Fixes, if applicable.

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



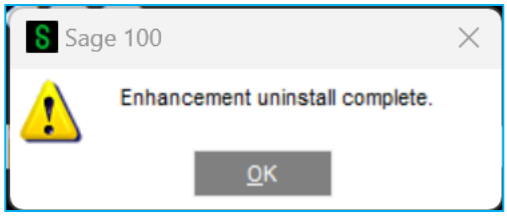
- Select **No** to exit the Uninstall Process.
- Select **Yes** to continue with the Uninstall Process.

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).

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Section F: Resources and Support

Web Resources

DSD web site: http://www.dsdinc.com

The Enhancement page contains:

- Current Release Schedule
- Purchasing Information
- Installation Instructions
- Product Support
- Enhancement Links

Rebuild Sorts Scheduler:

https://www.dsdinc.com/enhancements/marketplace/products/LMRS-multi-company-accounts-payable

The product web page contains:

- Product Description
- Web Links
- Current Product Version Table
- Product Installation File Download
- Product Manual in .pdf Format

Support

DSD provides product support through Sage 100 resellers. Support is provided for the current version. Older versions are supported at an hourly rate.

- Telephone: 858-550-5900
- Fax: 858-550-4900
- Email: enhancements@dsdinc.com

For a hard error, where the program displays an error dialog, report:

- Enhancement Name
- Error number
- Program name

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- Line number
- Program version
- Exact sequence that caused the error, including menus and menu selections
- Other pertinent information

If leaving a message, faxing or email, please include:

- Your name and company
- 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.

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enhancements@dsdinc.com 800-627-9032

DSD BUSINESS SYSTEMS



Since 1984, DSD Business Systems has been providing clients with professional business consulting services and business software solutions across the globe. Specialties include Sage Intacct, Acumatica Cloud ERP, Sage 100, Sage 300, Sage 500, Sage CRM, Sage HRMS and more.

DSD Business Systems has been a Sage Tech Partner, commonly referred to as a "Master Developer", for over 30 years. DSD currently has over 500 Enhancements to Sage 100 and has created thousands of custom solutions for end-users around the world. We have had the privilege of working with hundreds of Sage consultants, resellers, and end-users to produce powerful custom solutions that enhance the functionality of Sage 100.

Contact DSD Enhancements

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Enhancements Marketplace

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