DSD BUSINESS SYSTEMS

SAGE 100 ENHANCEMENTS

SOAP

S/O ADDITIONAL PRICES / TARIFFS

S/O Additional Prices / Tariffs

Published Date: September 7, 2026

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Trademarks

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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.

S/O Additional Prices / Tariffs Features

This DSD Enhancement allows setup of unlimited "Additional" Item Prices (Amount or Percentage of Original Price) that are added to the Unit Price on a Sales Order or SO Invoice. The user can define these Additional Prices in Custom Office as numeric User-Defined Fields (UDFs), and then add those UDFs to Item Maintenance, which can then flow to Sales Order Entry Detail, S/O Invoice Entry Detail and Invoice History Detail. Additionally, the Original Unit Price and these Number UDFs can be added for Form Printing for Sales Orders, Invoice, and Invoice History Invoices.

As mentioned, an Additional Price can be an Amount or a Percentage of calculated Unit Price.

During the S/O Sales Journal Update to General Ledger, you can have General Ledger Postings for these Additional Prices based on three different Options:

1. Use the Inventory Revenue Account for the Additional Price.
2. Use a new Product Line Account for the Additional Price.
3. Have separate G/L Accounts assigned for each UDF for the Additional Price.

You can also define whether an Additional Price is Commissionable, and the Gross Profit Report will reflect the Commission added for the Additional Price.

Section B: Getting Started

Important – Read this section prior to installing this enhancement.

Updated Modules

This enhancement modifies two 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	SOAP
Sales Order	✓

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 2023), 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.

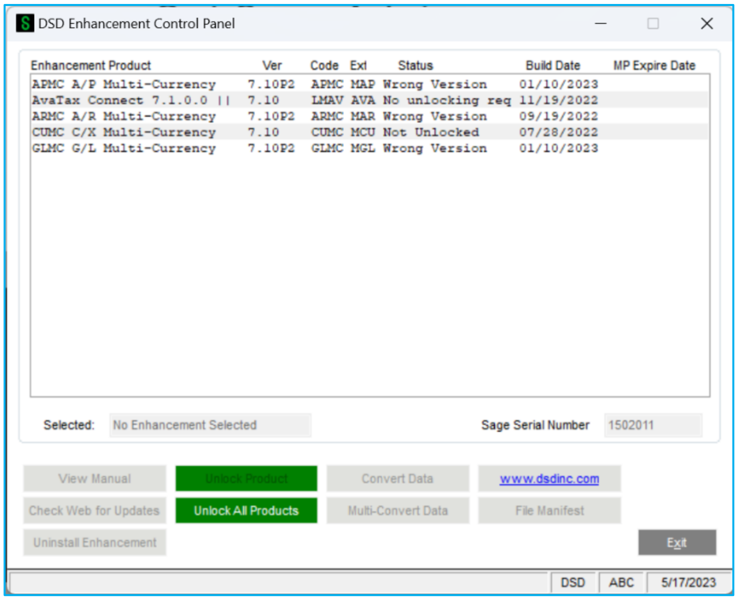
Run the DSD Enhancement Control Panel: Run the DSD Enhancement Control Panel from the Library Master module under the Utilities menu.

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.

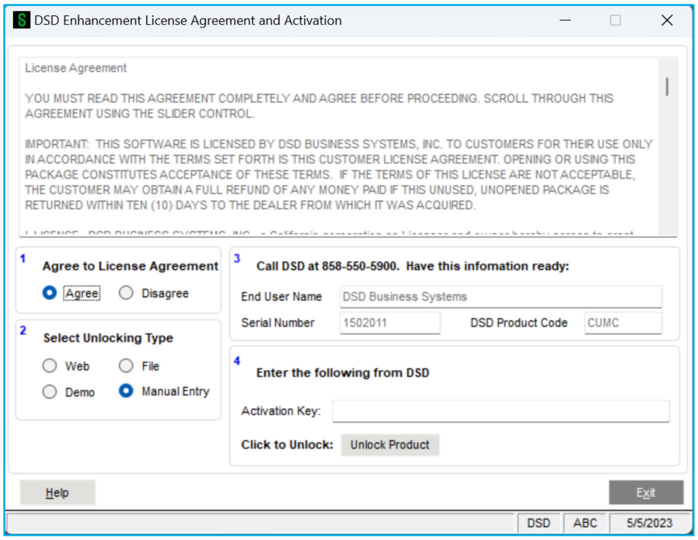
The DSD Enhancement Control Panel is a simple to use yet powerful system to help maintain DSD Enhancements installed on a Sage 100 system. To use it, select an Enhancement product from the list on the window and then click the button, on the right side of the window, which corresponds with the desired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

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

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**.

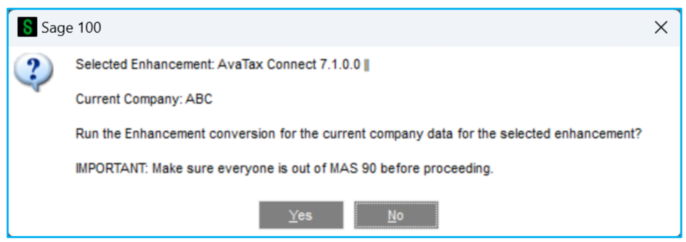
Demo Unlock: If a Demo mode is available for the Enhancement you're running, you will be able to Demo unlock the product without assistance from DSD for demo purposes.

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.

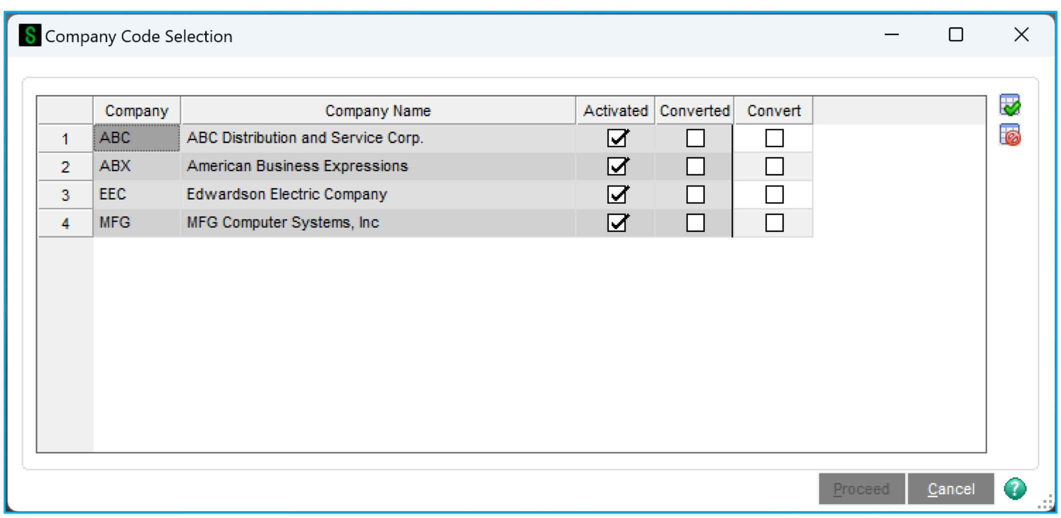
Manual Entry Unlock**:** If you want to unlock a single enhancement using a single encrypted key, you can select this option and enter the 64 character key you receive from DSD by copy and paste.

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.)*



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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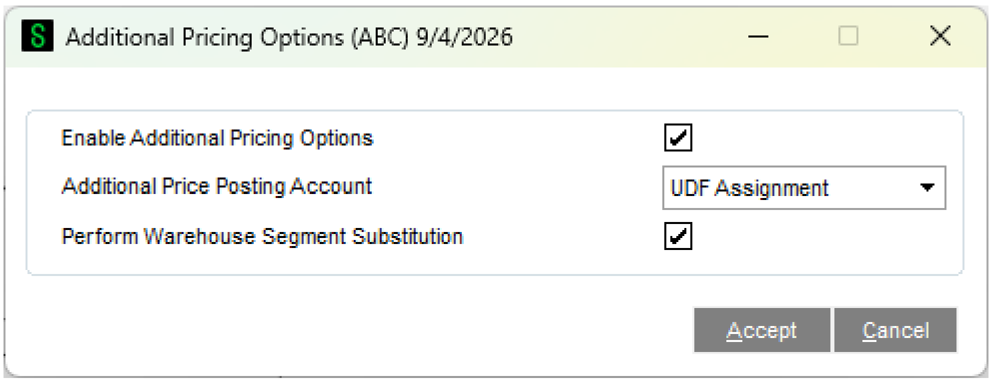
Section C: Setup

SOAP Setup Options

The **SOAP Additional Pricing Options** menu item has been added to the S/O Setup Menu.



Enable Additional Pricing Options: Select this checkbox to enable this enhancement.

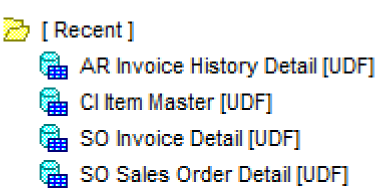
Additional Price Posting Account: Select the option for the General Posting of Additional Prices during the S/O Sales Journal Update:

1. **Item Code:** Use the Inventory Revenue Account for the Additional Price.
2. **Product Line:** Use a new Product Line Account for the Additional Price.
3. **UDF Assignment:** Have separate G/L Accounts assigned for each UDF for the Additional Price.

Perform Warehouse Segment Substitution: Select this checkbox to perform Warehouse Segment Substitution for the General Posting of Additional Prices during the S/O Sales Journal Update.

UDF Setup in Custom Office

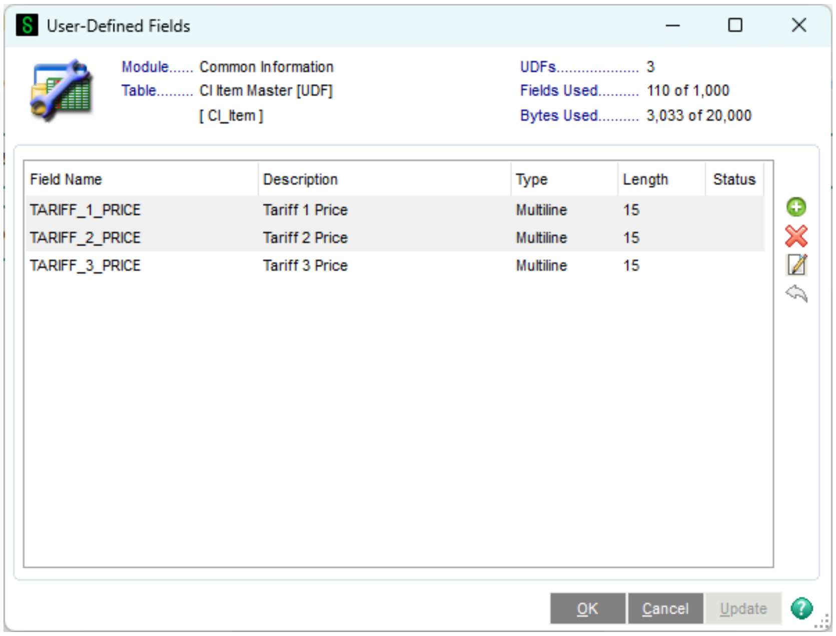
The numeric UDFs can be setup for these entities in User-Defiled Field and Table Maintenance:



You can create a numeric UDF for each Additional Price, and have the UDF flow from CI_Item -> SO Sales Order Detail -> SO Invoice Detail -> AR Invoice History Detail. Below are examples of setting up the flow of the UDFs:

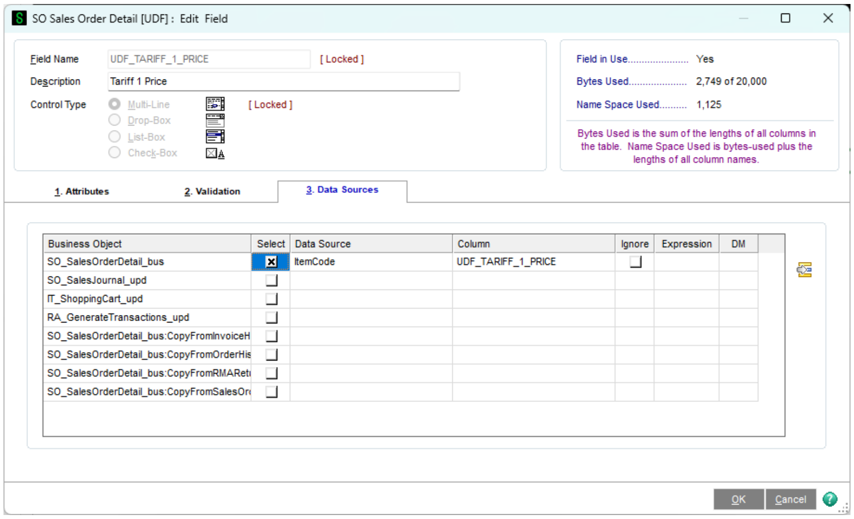
Creating CI Item Master UDFs

The UDFs for CI_Item should be numeric. No need to setup data sources.



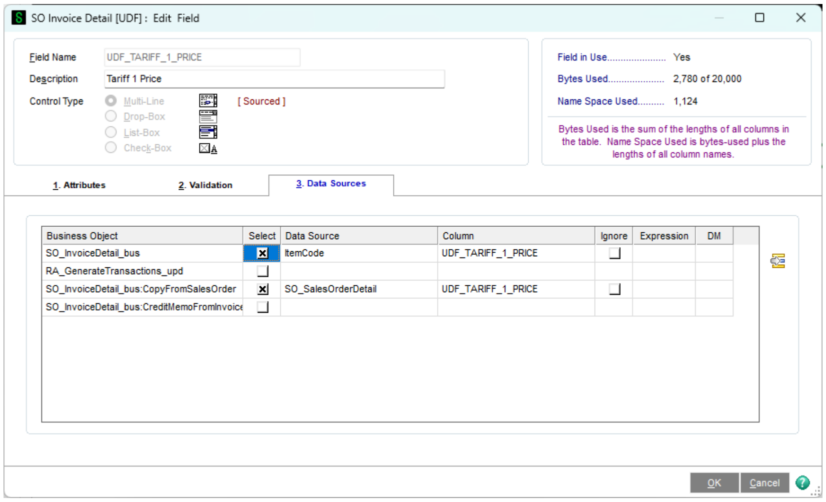
Creating SO Sales Order Detail UDFs

For each UDF, set the Data Sources below:



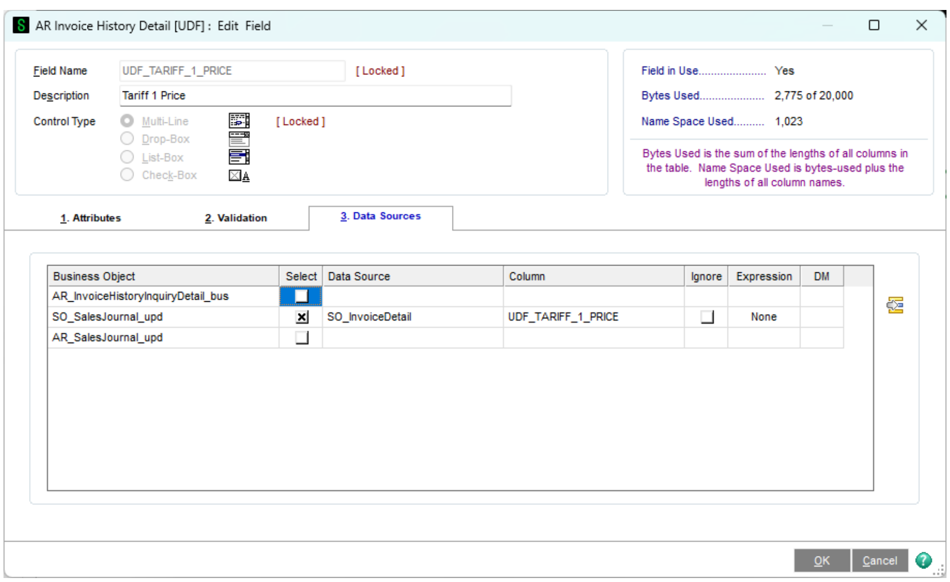
Creating SO Invoice Detail UDFs

For each UDF, set the Data Sources below:



Creating AR Invoice History Detail UDFs

For each UDF, set the Data Sources below:



Adding the UDFs using Customizer

For each UDF, set the you can use Custom Office Customizer to add the UDFs to Item Maintenance, and then the grids for Sales Order Entry and Invoice Data Entry.

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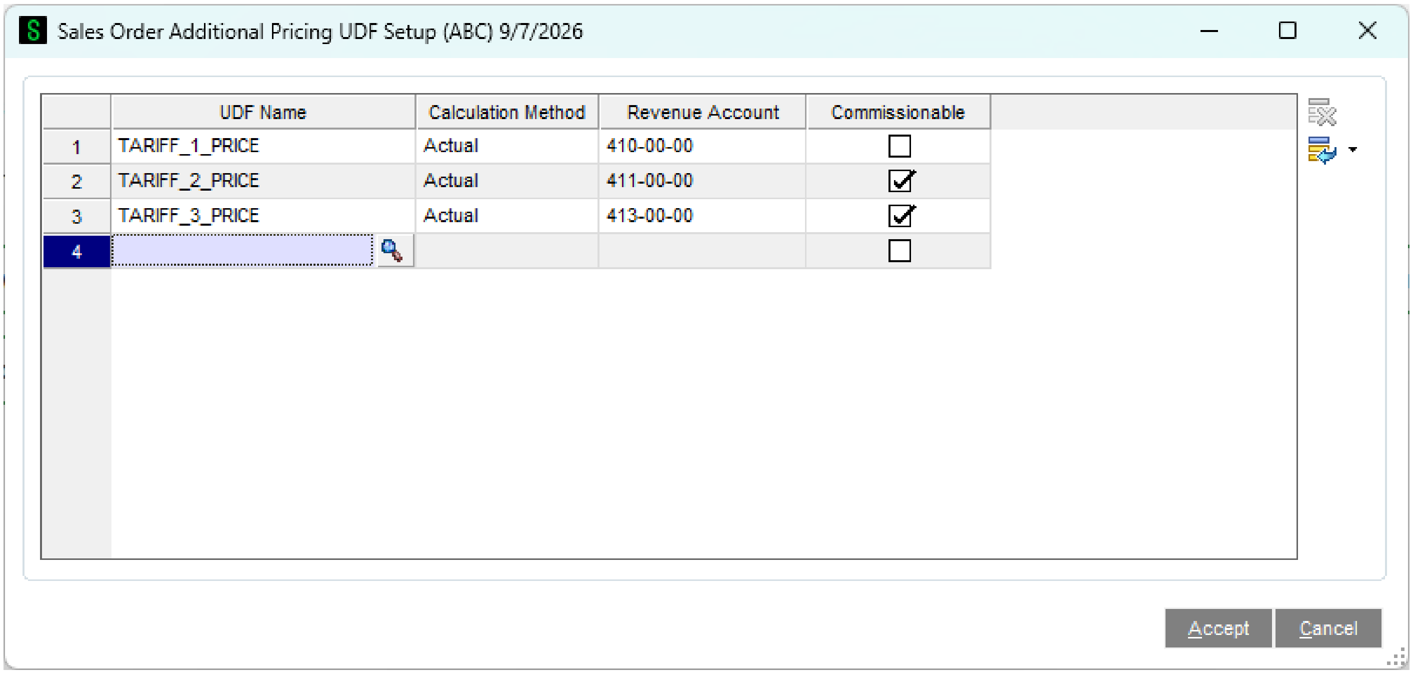
Sales Order Additional Pricing UDF Setup

The **SOAP Additional Pricing UDF Setup** menu item has been added to the S/O Setup Menu. You can enter multiple Additional Prices / Tariffs, and associated calculation methods.



UDF Name: Select the UDFs that were created in the previous step.

Calculation Method: Select Actual or Percentage.

Revenue Account: Select the G/L Posting Account when using this Additional Price. The option is only used when the ‘Additional Pricing Posting Account’ is setup as “UDF Assignment” in Additional Pricing Options.

Commissionable: Select this checkbox to make this amount commissionable.

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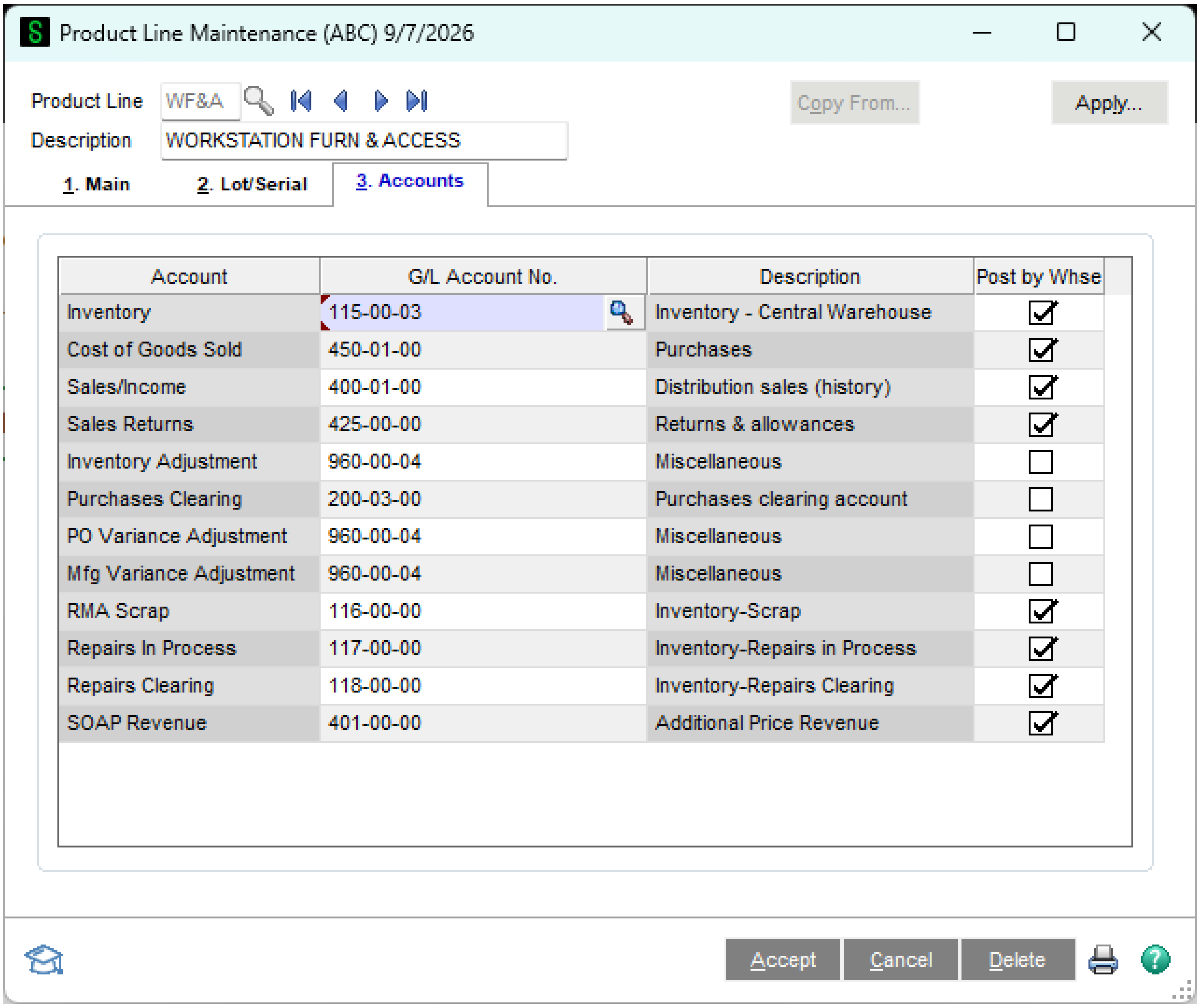
Product Line Maintenance

A new Account field has been added to Product Line Maintenance: **SOAP Revenue**. This account **will only be displayed** if the ‘Additional Pricing Posting Account’ is setup as “Product Line” in Additional Pricing Options.



Account	G/L Account No.	Description	Post by Whse
Inventory	115-00-03	Inventory - Central Warehouse	☑
Cost of Goods Sold	450-01-00	Purchases	☑
Sales/Income	400-01-00	Distribution sales (history)	☑
Sales Returns	425-00-00	Returns & allowances	☑
Inventory Adjustment	960-00-04	Miscellaneous	☐
Purchases Clearing	200-03-00	Purchases clearing account	☐
PO Variance Adjustment	960-00-04	Miscellaneous	☐
Mfg Variance Adjustment	960-00-04	Miscellaneous	☐
RMA Scrap	116-00-00	Inventory-Scrap	☑
Repairs In Process	117-00-00	Inventory-Repairs in Process	☑
Repairs Clearing	118-00-00	Inventory-Repairs Clearing	☑
SOAP Revenue	401-00-00	Additional Price Revenue	☑

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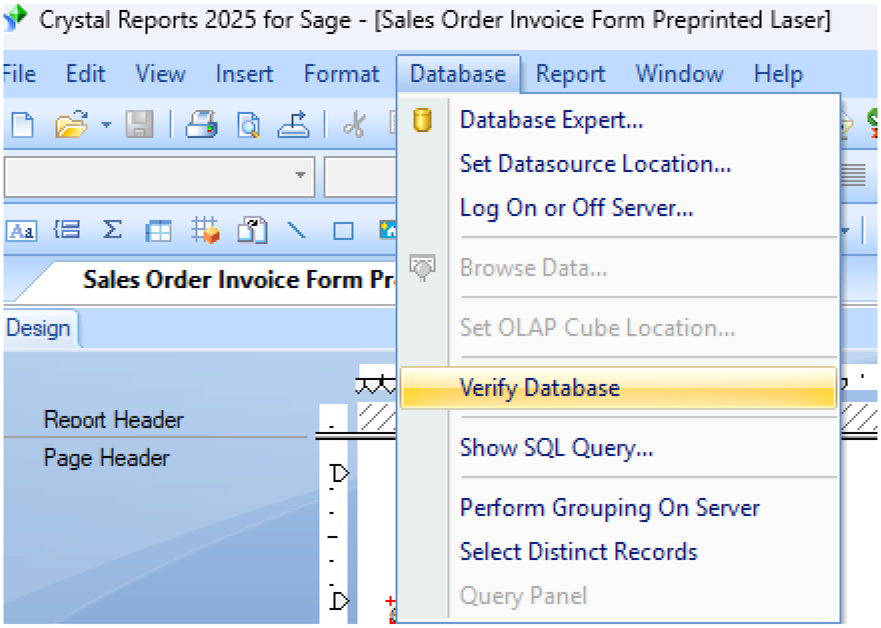
Sales Order and SO Invoice Printing

The **SOAPOriginalUnitPrice** field has been added to the Sales Order Printing and SO Invoice Printing WRK files (SO_SalesOrderWrk and SO_InvoiceWrk).

You can setup the UDFs in Custom Office to flow from the Detail files into the same WRK files.

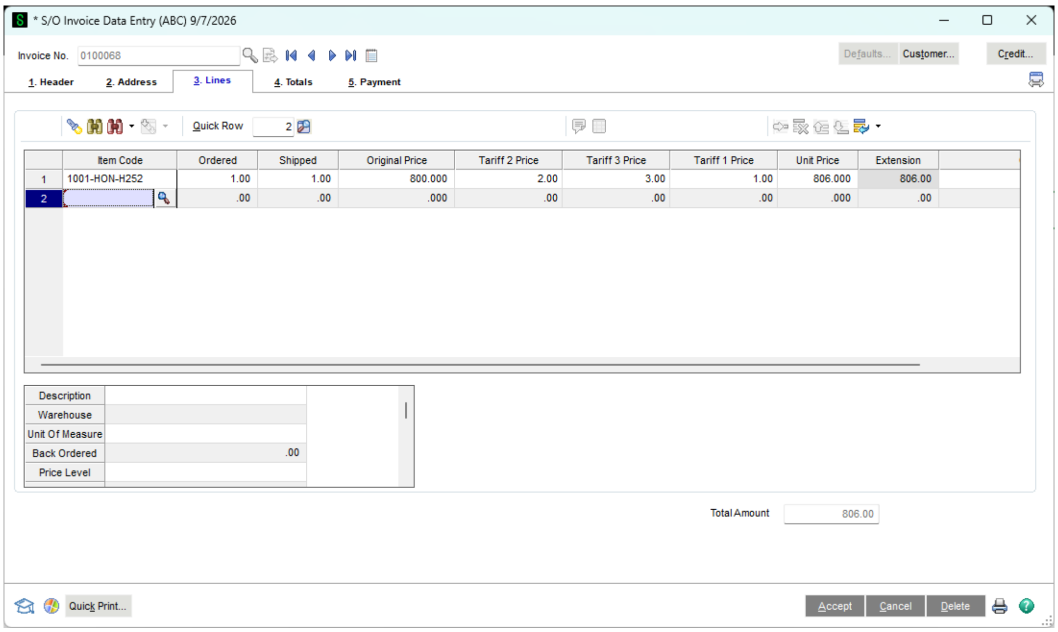
To update your existing Sales Orde Printing and Invoice Printing Forms, you will need to Open the Crystal Form, Verify the Database, then add those fields to the Lines section.



Section D: System Operations

Sales Order Entry / Invoice Data Entry

Once you have added the Custom Office UDFs to the Lines grid, you can see the Additional Prices that are defined in Item Maintenance flow to the Orde Entry / Invoice Entry:



A new **Original Price** field has been added to the Lines Grid.

When the Item and Quantity are entered, standard Sage 100 Pricing logic will calculate the Unit Price, and that price will be updated to this new **Original Price** field. Next, a calculation will be done to calculate Unit Price based on the Original Price and the UDF fields.

If the Calculation Method of the UDF is set to “Actual” in **Sales Order Pricing UDF Setup** then the UDF Numeric Amount will be **added** to the Original Price.

NOTE: That price will be added as-is, regardless of change in Unit of Measure, therefore you must set the UDF Amount in Item Maintenance based on the Sales U/M. If you change the Unit of Measure, you will need to manually change the UDF Amount on the line.

If the Calculation Method of the UDF is set to “Percentage” in **Sales Order Pricing UDF Setup** then the UDF Numeric Amount will first be **divided by 100**, then **multiplied** by the **Original Price,** and then **added** to the Original Price.

The standard Unit Price of the Item will be Original Price plus the calculated UDF fields.

Sales Journal Update

The Gross Profit Journal will use the Original Price for the item when doing Commission Calculation, unless the Numeric UDF is flagged as Commissionable in **Additional Pricing UDF Setup**, in which case the Numeric UDF will be added to the Commissionable Amount, and will be reflected in the Salesperson Commission.

The Original Price will be posted to A/R Invoice History Detail, along with the UDFs is they are setup properly in Custom Office (see Setup section).

The General Ledger Posting to Sales will be for the Original Price, and the General Ledger Posting for the calculated UDF Amounts will be posted separately, based on the '**Additional Price Posting Account**' setup option in **Additional Pricing Options**. Warehouse Segment substitution will occur if enabled in **Additional Pricing Options.**

As mentioned in the Setup section, the General Ledger Account posted for the UDF Amounts can be (a) the same Sales Account as the Inventory Item, (b) the new SOAP Revenue Account setup in Product Line Maintenance for the Item's Product Line, or (c) the new Revenuw Account setup for the UDF in **Additional Pricing UDF Setup.**

Daily Transaction Register

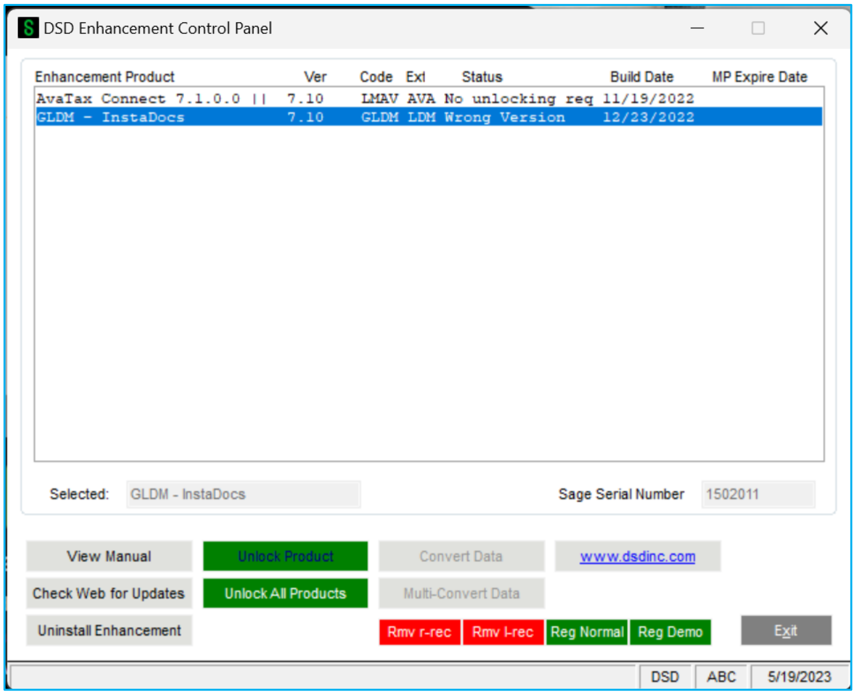
ABC Distribution and Service Corp. (ABC)

Postings For: 9/7/2026

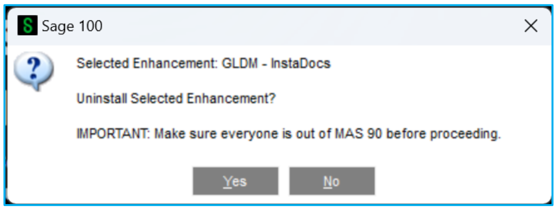
Source Journal	Account Number	Account Description/Posting Comment	Debit	Credit
SO-000013	105-00-01	Accts. receiv. - East Warehse S/O Invoice Entry - 9/7/2026	828.00	
	115-00-01	Inventory - East Warehouse American Business REF: 0100068		342.50
	400-01-00	Distribution sales (history) American Business REF: 0100068		800.00
	401-00-01	Additional Price Revenue-EAST American Business REF: 0100068		2.00
	401-00-01	Additional Price Revenue-EAST American Business REF: 0100068		2.00
	401-00-01	Additional Price Revenue-EAST American Business REF: 0100068		24.00
	450-01-00	Purchases American Business REF: 0100068	342.50	
		Journal 000013 Totals:	1,170.50	1,170.50
		Source SO Totals:	1,170.50	1,170.50
		9/7/2026 Totals:	1,170.50	1,170.50
		Report Totals:	1,170.50	1,170.50

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.

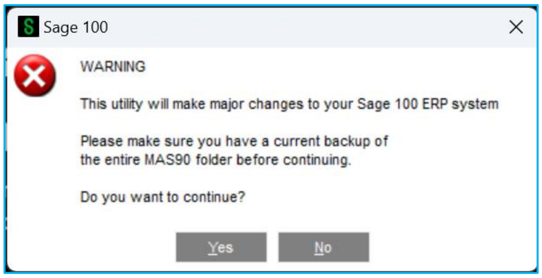


When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



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

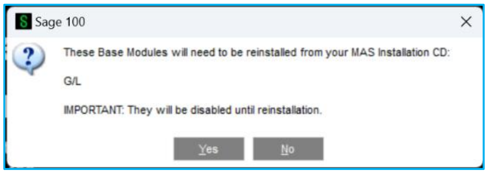
The following message box will appear, to remind you that a complete backup of your entire Sage 100 system should be completed prior to uninstalling a DSD product.



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

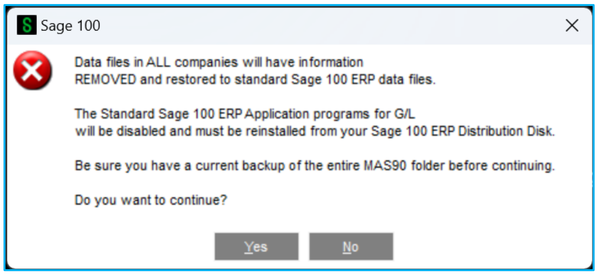
After the Uninstall of the DSD Enhancement, you MUST reinstall certain standard Sage 100 modules, followed by reinstallation of Product Updates and Hot Fixes, if applicable.

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



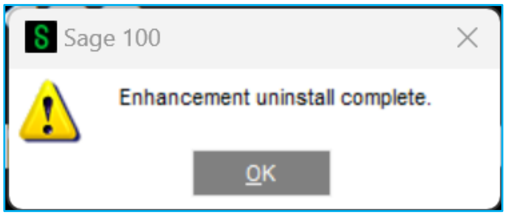
- Select **No** to exit the Uninstall Process.
- Select **Yes** to continue with the Uninstall Process.

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).

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Section G: 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

Accounts Payable Cash Basis:

https://www.dsdinc.com/enhancements/marketplace/products/apcb-ap-cash-basis

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
- 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.

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

enhancements@dsdinc.com

Enhancements Marketplace

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