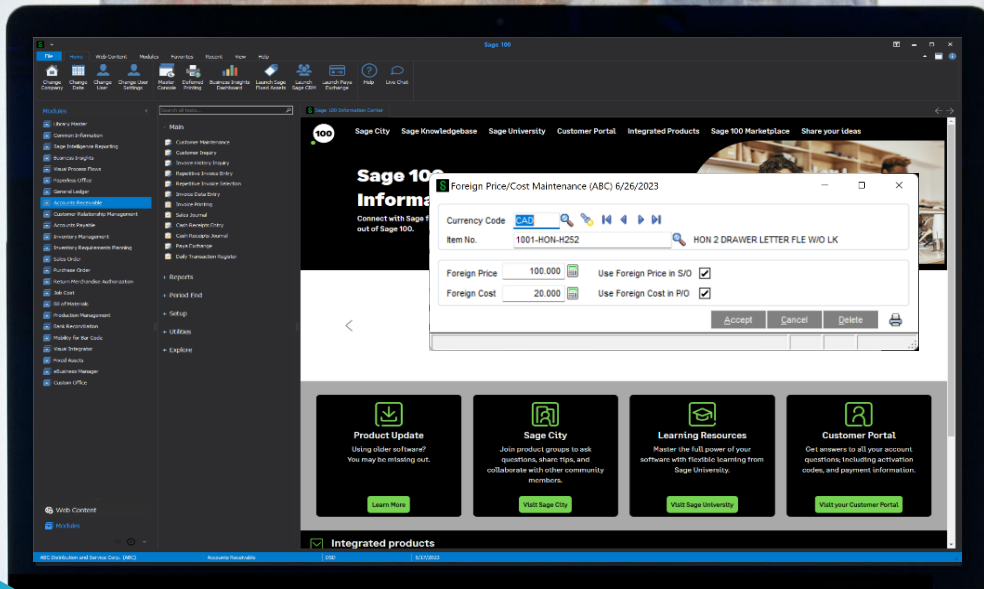


Sage



DSD BUSINESS SYSTEMS

SAGE 100 ENHANCEMENTS

IMMC

INVENTORY MANAGEMENT MULTI-CURRENCY

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Inventory Management Multi-Currency

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TABLE OF CONTENTS

Section A: Introduction	5
Inventory Management Multi-Currency Features	5
Reports.....	5
Section B: Getting Started.....	6
Updated Modules	6
Installation	7
DSD Enhancement Control Panel.....	7
Section C: Setup	11
Multi-Currency Inventory Management Setup	11
Set-up Procedure Overview	11
Order to Convert Data and Set-up Multi-Currency Modules.....	11
Avoid a Support Call	12
Data Requirements	12
Conversion Notes	12
Foreign Price/Cost Maintenance	13
Section D: System Operations	15
I/M Item Maintenance / Inquiry	15
Item Pricing Maintenance.....	15
Item Price Lookup	16
Section E: Reports	18
Foreign Price/Cost Listing	18
Foreign Item Pricing Information	19
Section F: Uninstall DSD Enhancements.....	21
Section G: Resources and Support.....	24
Web Resources.....	24
Support.....	24

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.

Inventory Management Multi-Currency Features

- **Setup Inventory Items Prices per Currency:** Set up a different Price for the same Item for each Currency.
- **Setup Inventory Items Costs per Currency:** Set up a different Cost for the same Item for each Currency.
- **Setup Inventory Item Pricing Breaks per Currency by Item or Customer:** Set up Price Levels by Item or Currency basing the calculation on the Price setup for that Item in the Currency being set up.
- **Enter Inventory Transactions in Base Currency:** All Transaction Entry is performed and posted to General Ledger in Base Currency.

Reports

These reports are modified for the Inventory Management Multi-Currency module:

- Foreign Price Cost Listing
- Foreign Item Pricing Information

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	IMMC
Inventory Management	✓
Accounts Payable	✓
Accounts Receivable	✓

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.

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.

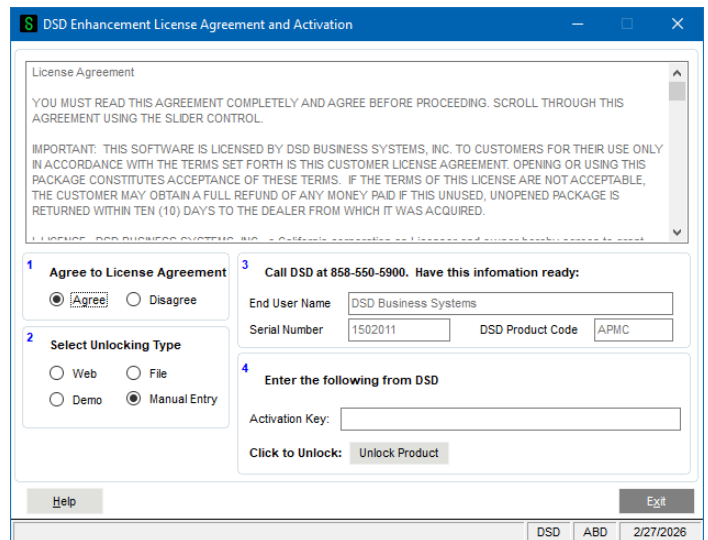
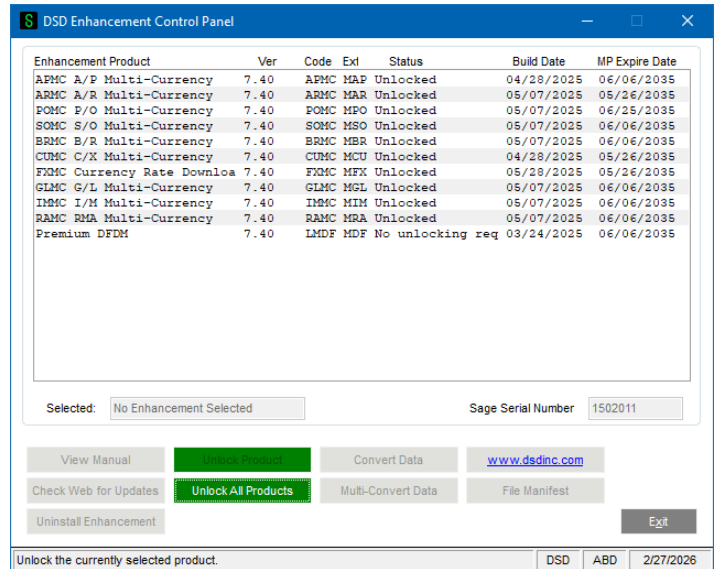
Check the Web for Updates: This button will check the DSD website to see what the current build is the selected Enhancement and alert the user if a later version is available. *This requires an internet connection on the Sage 100 system.*

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.

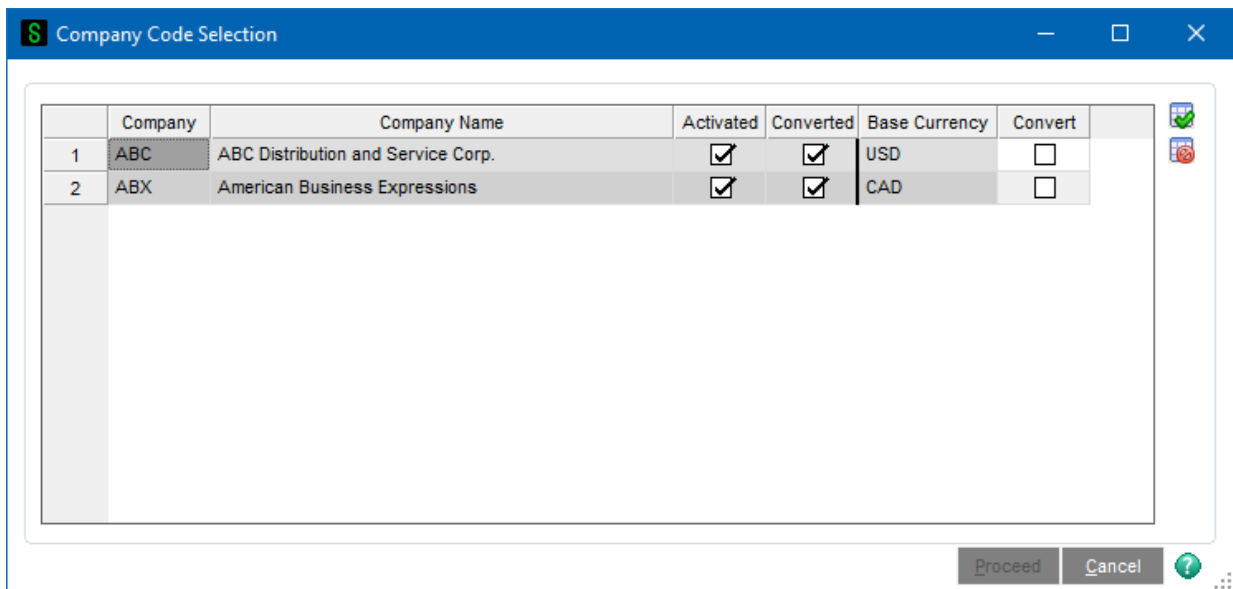
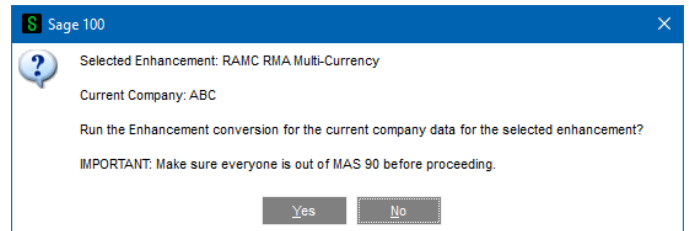


Creating a Demo Unlock is a good way to temporarily unlock DSD Enhancements off-hours, if you do not have web or email access. Later, you can unlock the product fully, during business hours.

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.

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

Multi-Currency Inventory Management Setup

Set-up Procedure Overview

Set-up CUMC Multi-Currency before any other modules. This must be done first. Then set-up all installed Multi-Currency modules, before performing transactions in any modules.

1. Install General Ledger Multi-Currency, as described, above. It is Ok to install all of the DSD Multi-Currency modules at once, in any order. Usually it's best to install the CUMC module last. **The best choice is to do all conversions in the [DSD Enhancement Control Panel](#), as in the previous page above.**
2. In the Multi-Currency Main Menu, select Multi-Currency Options. If you are running this the first time it will take you to the Company Maintenance screen to Activate the C/X module first. You will then have to select the Options again. There is a check box for "Enable Multi-Currency", which implies that you can choose only certain Companies to enable Multi-Currency. But no, **every active Company must have Multi-Currency set up.**
3. You **MUST define a Base Currency** on the Main tab before continuing with any other module conversions. You may set up FASB 52 and accounts here if GLMC is to be used in a FASB52-required company. Be certain that the Round Off For Reporting and FASB52 Equity accounts are not posted to from anywhere else. Refer to the CUMC User Manual for information on the CUMC setup.
4. If required, set-up FASB 52 and accounts. Be certain that FASB52 Equity account is not used anywhere else. The conversion program will run after this setup
5. Set-up any other currencies in CUMC, Currency Code Maintenance.
6. In G/L Setup, run G/L options, which will run the conversion program for GLMC. **Or use the DSD Enhancement Control Panel to do the conversion.** See the CUMC manual for details.

Order to Convert Data and Set-up Multi-Currency Modules

General Ledger Multi-Currency must be set-up and converted first as other conversions rely on GLMC data during conversion and set-up. Note that the modules are converted/set-up in the same order that they appear on the Modules menu in the Sage 100 Launcher program..

1. General Ledger Multi-Currency (GLMC)
2. Accounts Receivable Multi-Currency (ARMC)

3. Accounts Payable Multi-Currency (APMC)
4. Inventory Management Multi-Currency (IMMC)
5. Sales Order Multi-Currency (SOMC)
6. RMA Multi-Currency (RAMC)
7. Purchase Order Multi-Currency (POMC)
8. Bank Reconciliation Multi-Currency (BRMC)

Avoid a Support Call

Keep these notes in mind while installing and setting-up Multi-Currency.

1. Once the Base Currency is set-up, it *cannot* be changed.
2. It is best to set-up/convert the various Multi-Currency modules in the proscribed order below. **However, CUMC must be first in order to define the Base Currency.**
3. Do not invert exchange rates. See **Exchange Rates in the CUMC Manual** for details and examples.
4. Make sure that **Round-off for Reporting or FASB52 Equity** accounts are not used elsewhere.
5. Set-up each Multi-Currency module installed on the system before performing any transactions in any module.

Data Requirements

Before beginning the Multi-Currency Startup process, you should have the following information assembled and available for use:

- List of Items for which you wish to set up a Foreign Price, with their Price by Currency.
- List of Items for which you wish to set up a Foreign Cost, with their Cost by Currency.
- List of Items for which you wish to set up a Foreign Price Break, with their price breaks by Item and/or Customer.

A **Currency Button** appears in all Multi-Currency related screens. Select this button to access the Multi-Currency information. Also, the Entry Currency is displayed at the bottom center of the screens.

Conversion Notes

IMMC will designate the following values for each transaction converted from an existing **Sage 100** System:

1. Entry Currency = Base Currency
2. Entry Rate = 1



NOTE: All amounts for Price, Quantity and Cost displayed and printed in the Inventory Management Multi-Currency module will reflect the decimal places specified in the Inventory Management Options in the Setup Menu. Only Extended Amounts will reflect the decimal places specified in the Currency being printed.



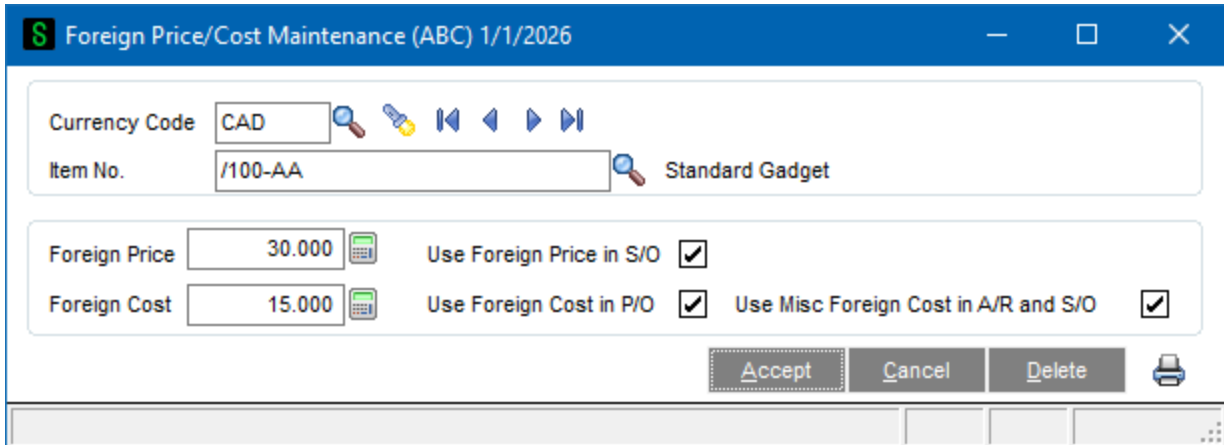
IMPORTANT: Follow the Multi-Currency Startup process for each module installed before entering Multi-Currency transactions

Foreign Price/Cost Maintenance

The Foreign Price/Cost Maintenance program has been added to the Main Menu in the **Multi-Currency module** to set up Prices and Costs for Inventory Items that may use these Amounts to calculate Item, Customer, and Vendor Foreign Price Breaks. If Inventory is in use, one can add Inventory Items. If Miscellaneous Items are also in use, one can also add them.

Currency: Enter the Currency Code for this entry. Select the **Lookup Button** to display a list of all Currency Codes on file. Select the **Flashlight button** to display a list of all entries on file.

Item or Miscellaneous Number: Enter the Inventory Item Number for this entry. Select the **Lookup Button** to display a list of all Inventory and Miscellaneous Items on file.



Foreign Price: Enter the Price for the selected Item in the selected Currency.

Foreign Cost: Enter the Cost for the selected Item in the selected Currency.

Use Foreign Price in S/O: Select the Check Box to use this Foreign Price in the Sales Order or Accounts Receivable whenever a sale for the selected Item in the selected Currency occurs.

Use Foreign Cost in P/O: Select the Check Box to use this Foreign Cost in the Purchase Order whenever a purchase for the selected Item in the selected Currency occurs.

Use Misc Foreign Cost in A/R and S/O: Select the Check Box to use this Foreign Cost in the Sales Order or Accounts Receivable module. This field is only visible for Miscellaneous Items and Charges.

Section D: System Operations

I/M Item Maintenance / Inquiry

Item Pricing Maintenance

The **Item Pricing Maintenance** panel in I/M Item Maintenance / Inquiry (accessed from the **Pricing Button** from the **Main Panel**) has been enhanced to allow Item and Customer Breaks by Currency Code.

Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FILE W/O LK

Pricing Option: Item Pricing Currency Code: CAD

Price Level: Standard

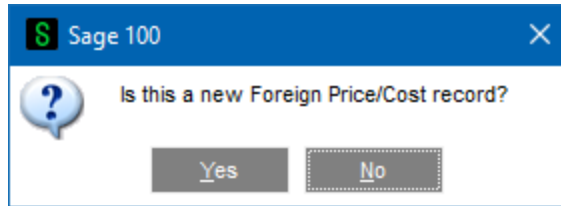
Pricing Method: Price Discount Amount CAD Price: 100.000 CAD Cost: 45.000

Step	From Quantity	To Quantity	Discount Amount	Unit Price
1	1	99,999,999	10.000	90.000
2				
3				
4				
5				

Buttons: Accept, Cancel, Delete

Currency Code: Enter the Currency Code for which you wish to maintain Price Breaks. This field will default to the Base Currency Code. Select the **Lookup Button** to display a list of all Currency Codes on file.

If you select a Currency Code for which a Foreign Price has not been set up for this Item, the following message will be displayed:



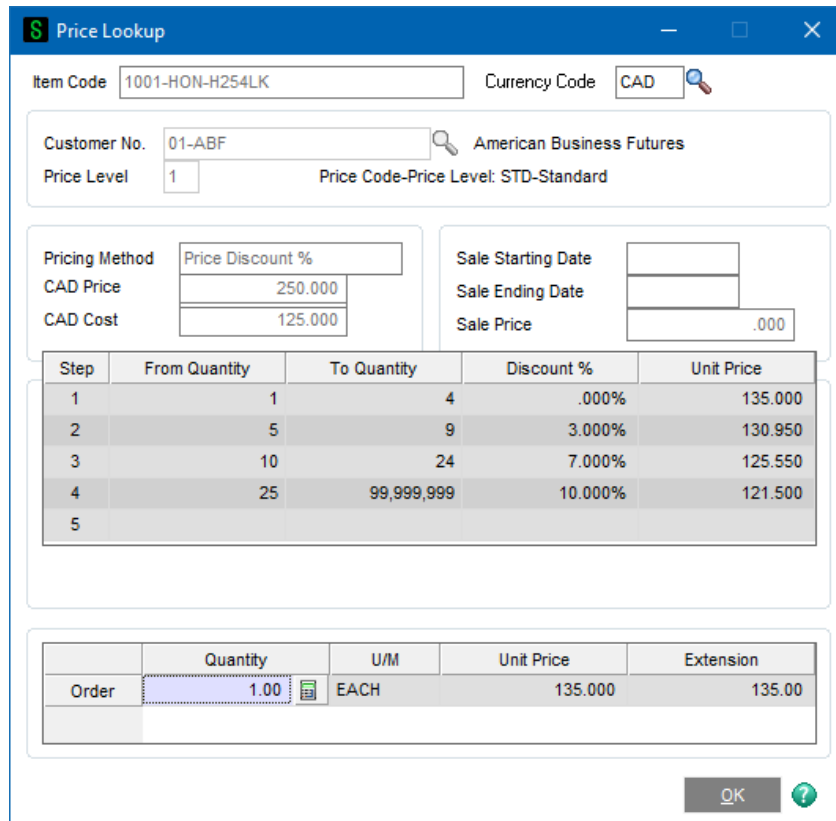
Select “Yes” to bring up the Foreign/Cost Maintenance screen to allow entry of the new record.

Currency Price: This field is for display only and it will reflect the Price set up for the selected Item in the selected Currency in Foreign Price/Cost Maintenance.

Currency Cost: This field is for display only and it will reflect the Cost set up for the selected Item in the selected Currency in Foreign Price/Cost Maintenance

The Unit Prices will be calculated using the Pricing Method selected and the Currency Price/Cost.

Item Price Lookup



The **Item Price Lookup** panel in I/M Item Maintenance / Inquiry (accessed from the **Price Lookup Button** from the **Main Panel**) has been enhanced to allow Customer Price Lookup by Currency Code:

Currency: Enter the Currency Code for Price Lookup. This field will default to the Base Currency Code. Select the **Lookup Button** to display a list of all Currency Codes on file.

Once the Currency Code is entered, the Unit Price used for Price Lookup will reflect the Foreign Price Cost Break set up in Item Pricing Maintenance.

Customer Code: Enter a Customer Code or use the Lookup Button to display a list of Customers.

The pricing information for that Customer will be displayed and a Quantity may be entered in the lower grid to generate a Unit Price/Extension.

Section E: Reports

Foreign Price/Cost Listing

This report has been added to the Reports Menu in the **Multi-Currency module** and may also be selecting by selecting the **Printer Button** in the **Foreign Price/Cost Maintenance** program. The Standard Sage 100 Setting Options will be available.

The Foreign Price/Cost Listing prints the Foreign Prices and Costs on file. The Report Selection Screen is shown below:

Report Setting STANDARD Save

Description Foreign Price/Cost Listing

Setting Options

Type: Public Print Report Settings Number of Copies: 1

Default Report: Three Hole Punch: Collated:

Options

Information to Print: All Page Break By Currency:

Selections

Select Field	Operand	Value
Currency Code	All	
Item Code	All	

PDF995 Keep Window Open After ?

Information to Print: Select Prices Only, Costs Only, or All to print All information.

Page Break By Currency: Select this check box if you want page breaks by Currency.

Starting and Ending Currency Code: Select All to print entries for all Currency Codes, or enter a range of Currencies for a specific group of entries. Select the Lookup Buttons to display a list of all Currencies on file.

Starting and Ending Item Number: Select All to print entries for all Item Numbers, or enter a range of Item Numbers for a specific group of entries. Select the Lookup Buttons to display a list of all Item Numbers on file.

After making your selections, a report similar to the following will be printed:

Foreign Price/Cost Listing

ABC Distribution and Service Corp. (ABC)

Currency Code	Name	Item Code	Item Code Description	Foreign Price	Use In SO	Foreign Cost	Use In PO	Use Misc Cost In AR/SO
CAD	Canadian Dollar	/100-AA	Standard Gadget	100.000	Yes	45.000	Yes	Yes
		1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	150.000	Yes	90.000	Yes	
EUR	Euro	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	52.000	Yes	30.000	Yes	
		OAK CASK 100	Oak Cask 100 liter	3.800.000	Yes	1.600.000	Yes	
		OAK CASK 1000	Oak Cask 1000 Liter	14.000.000	Yes	8.000.000	Yes	
		OAK CASK 500	Oak Cask 500 Liter	7.900.000	Yes	2.900.000	Yes	
GBP	British Pound							

Foreign Item Pricing Information

This report has been added to the Reports Menu in the **Multi-Currency module**. The Foreign Item Pricing Information report prints the Price Levels set up for Foreign Currencies. The Report Selection Screen is shown below, the Standard Sage 100 Setting Options will be available:

Information to Print: Select Prices Only, Costs Only, or All to print All information.

Page Break By Currency: Select this check box if you want page breaks by Currency.

Starting and Ending Currency Code: Select All to print entries for all Currency Codes, or enter a range of Currencies for a specific group of entries. Select the Lookup Buttons to display a list of all Currencies on file.

Starting and Ending Item Number: Select All to print entries for all Item Numbers, or enter a range of Item Numbers for a specific group of entries. Select the Lookup Buttons to display a list of all Item Numbers on file. After making your selections, a report similar to the following will be printed:

Foreign Item Pricing Report

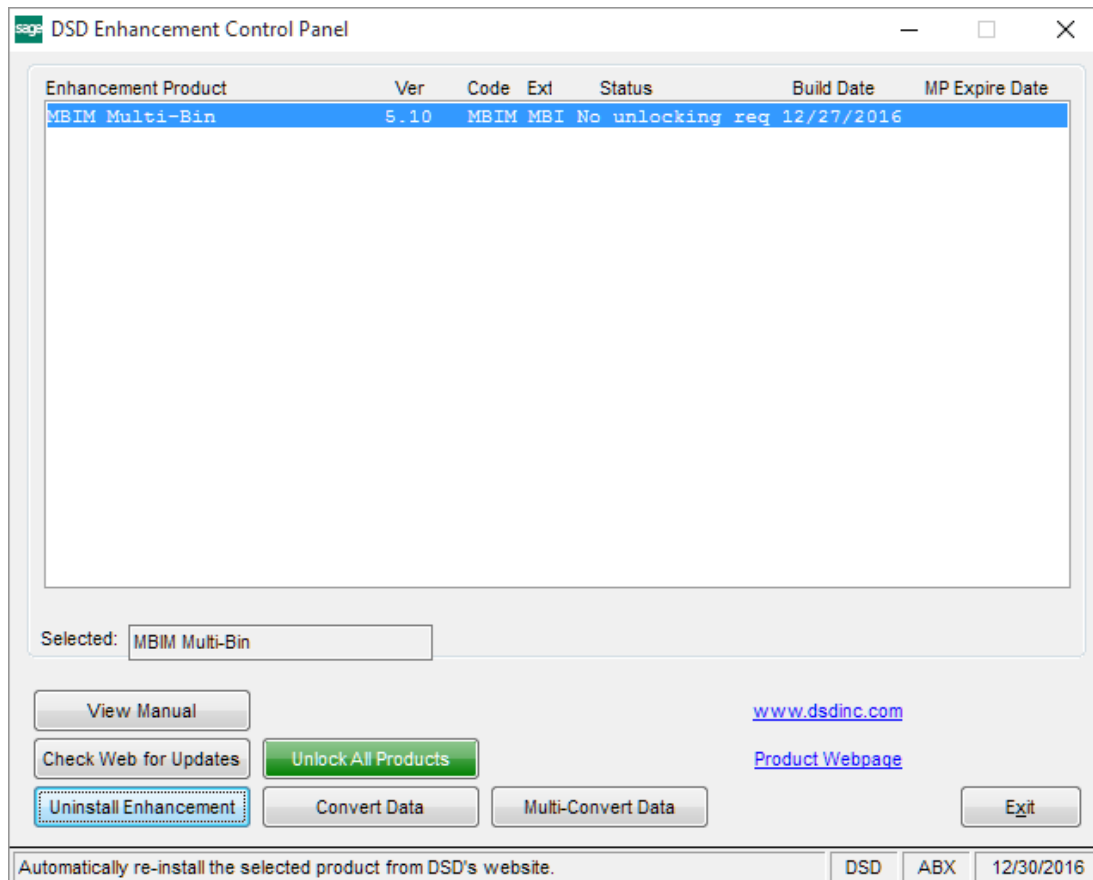
ABC Distribution and Service Corp. (ABC)

Item Code: 1001-HON-H252	Item Description: HON 2 DRAWER LETTER FLEW/O LK	Price: 150.000000	Cost: 90.000000
Currency Code: CAD	Currency Name: Canadian Dollar		
Pricing Method: Override Price			
	From Qty	To Qty	Discount/Markup
	1.00	10.00	150.00
	11.00	20.00	145.00
	21.00	99,999,999.00	140.00
Customer: 02-ORANGE Orange Door & Window Co.			
Pricing Method: Override Price			
	From Qty	To Qty	Discount/Markup
	1.00	10.00	135.00
	11.00	20.00	130.00
	21.00	99,999,999.00	125.00
Currency Code: EUR	Currency Name: Euro	Price: 52.000000	Cost: 30.000000
Pricing Method: Override Price			
	From Qty	To Qty	Discount/Markup
	1.00	4.00	52.00
	5.00	10.00	50.00
	11.00	999,999.00	48.00

Section F: Uninstall DSD Enhancements

If you are uninstalling ALL Multi-Currency modules, **you must first remove the Multi-Currency Module data for each company code BEFORE running the Uninstall Process.** To do this, select each company in Company Code Maintenance and select the **Remove** button, then select the Multi-Currency module to remove. Do this for every company that has Multi-Currency activated. **Be sure to do a full system backup prior to doing this process.**

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.

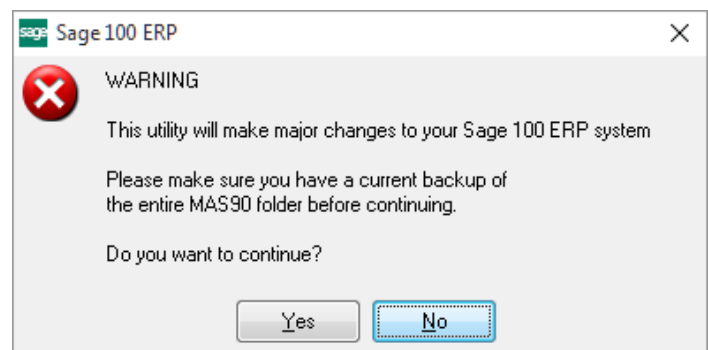
Select **Yes** to continue with the Uninstall Process.

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.

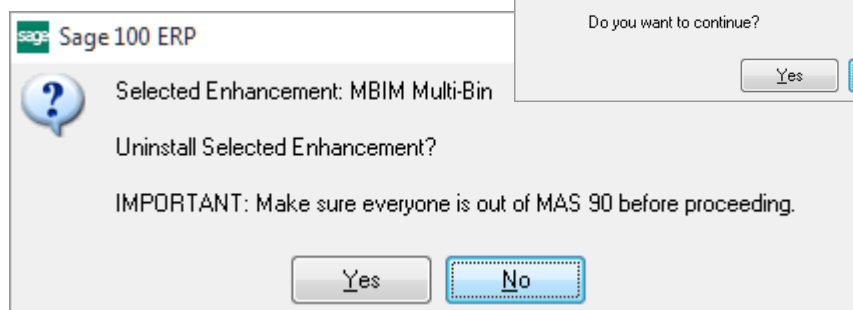
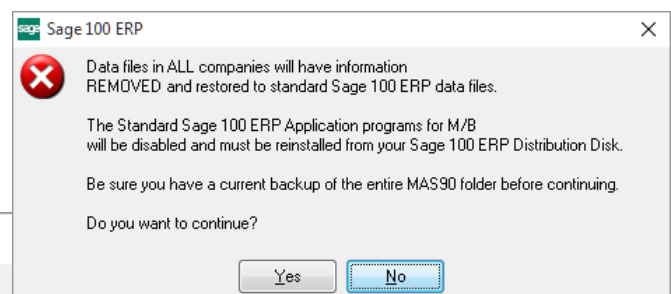
Select **Yes** to continue with the Uninstall Process.

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

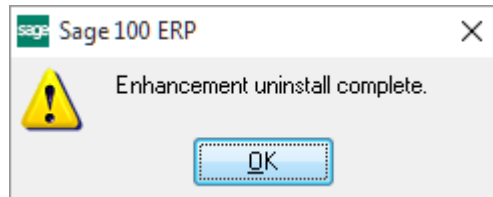
Select **No** to exit the Uninstall Process.

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).

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

Inventory Management Multi-Currency:

<https://www.dsdinc.com/enhancements/marketplace/products/immc-inventory-management-multi-currency>

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](#)

 **800-627-9032**