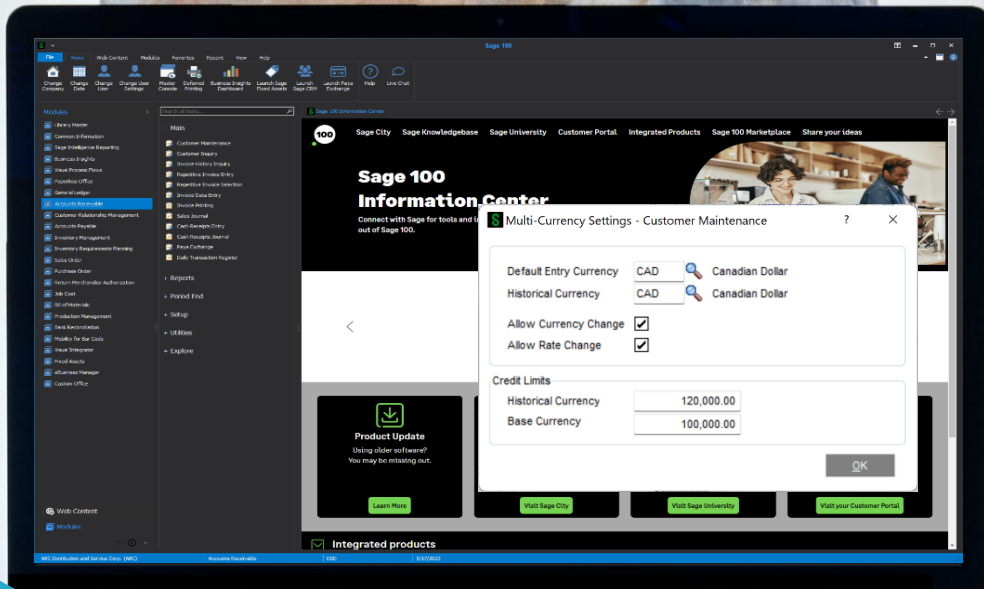


# Sage



**DSD** BUSINESS SYSTEMS

**SAGE 100 ENHANCEMENTS**

**ARMC**

**ACCOUNTS RECEIVABLE MULTI-CURRENCY**

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## Accounts Receivable Multi-Currency

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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.

### Accounts Receivable Multi-Currency Features

- **Bank Accounts in Foreign Currencies:** You will define the Currency for each Bank Account. (if Bank Reconciliation is in use, and you need to see Transactions in the Bank Currency, the **Bank Reconciliation Multi-Currency** is required).
- **Gain/Loss Account:** You will define a Gain or Loss G/L Account by Division to use when updating transactions of payments to Invoices when the payment rate is different.
- **Round-off Account:** You will define a Round-off Account by Division to use when posting round-off amounts generated during currency conversion.
- **Default Entry Currency by Customer:** You will define a default Entry Currency by Customer to be used when entering transactions for that customer.
- **Historical Currency by Customer:** You will define the “Historical” Currency for each Customer. The Customer's history such as Period to Date Sales, etc., will be displayed in this currency (a toggle to Base Currency is provided).
- **Currency Toggle:** You can toggle between Historical, Base and Entry Currency amounts in the Invoices, Transactions, and Sales Order tabs.
- **Invoice Entry in Any Currency:** You will enter Customer Invoices in the Customer's Default Entry Currency, or you may change the Entry Currency to any other established Currency (a choice determined on a per Customer selection).
- **Invoice Entry using any Exchange Rate:** You will see the Exchange Rate for the Entry Currency found in Currency Code Maintenance for the Invoice Date, or you may override the Exchange Rate (a choice determined on a per Customer selection).
- **Invoice History Inquiry displays Entry and Base Currency Amounts:** The Invoice History Inquiry screen displays Base Currency amounts as well as the Invoice Currency amounts, Currency Code and Exchange Rate.
- **Repetitive Invoices in Any Currency:** You may establish Customer Repetitive Invoices in the Customer's Default Entry Currency or in any other established currency.
- **Registers in Base and Entry Currency:** For audit purposes, the Multi-Currency system prints Accounts Receivable Registers in both the Entry Currency and the Base Currency

using the assigned Exchange Rates.

- **Invoice Printing and Invoice History Reprint in Entry or Base Currency:** You may print and reprint Customer Invoices in Entry or Base Currency.
- **Form Printing:** Invoices, Statements, and Invoice History Printing can be printed in either Transaction or Base Currency.
- **Cash Receipts Entry in Any Currency:** You may enter a Cash Receipt of one currency to a Bank Account of a different currency, as well as apply the Cash Receipt to a Customer Invoice of a third currency.
- **Cash Receipts Entry using Any Exchange Rate:** When entering Cash Receipts the system uses three different Exchange Rates: 1) Deposit Currency to Base Currency Rate, 2) Check Currency to Base Currency Rate and 3) Check Currency to Deposit Currency Rate. You may use these rates from Currency Code Maintenance or override any of them.
- **Deposits Posted to B/R in Bank Currency:** Transactions posted from the Cash Receipts Journal to Bank Reconciliation are posted in the Bank Currency for reconciliation and reporting purposes (when the Multi-Currency Bank Reconciliation module is also installed).
- **Print Reports in Any Currency:** Print any report in Base, Customer, Entry or Other Currency, using As Posted or Override Rates.
- **Finance Charge Calculation in Any Currency:** Finance Charges may be calculated in any Currency.
- **Unrealized Gain or Loss Report:** You may generate an Unrealized Gain or Loss Report of Open Customer Invoices as of any date for any Entry Currency.

## List of Disabled Programs

The following programs have been disabled and may not be used with the Multi-Currency Accounts Receivable module installed.

- Match Credits to Open Invoices (disabled except for Base Currency Invoices)
- Balance Forward Customer transactions are “forwarded” in Base Currency only.

## Reports

The following reports have been added or modified by Multi-Currency Accounts Receivable:

- Aged Invoice Report
- Analysis Report
- Cash Expectation Report
- Cash Receipts Journal
- Cash Receipts Report
- Customer Listing

- Customer Listing with Balances
- Customer Sales Analysis
- Customer Sales History by Period
- Deposit Transaction Report
- Division Listing
- Finance Charge Journal
- Invoice History Report
- Invoice History Printing
- Invoice Printing
- Monthly Sales Report
- Recap by Payment Type
- Repetitive Invoice Listing
- Sales Journal
- Statement Printing
- Trial Balance Report
- Unrealized Gain/Loss Report

# 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	ARMC
Accounts Receivable	✓
Common Information	✓
General Ledger	✓
Inventory Management	✓
Job Cost	✓
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.

## 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.

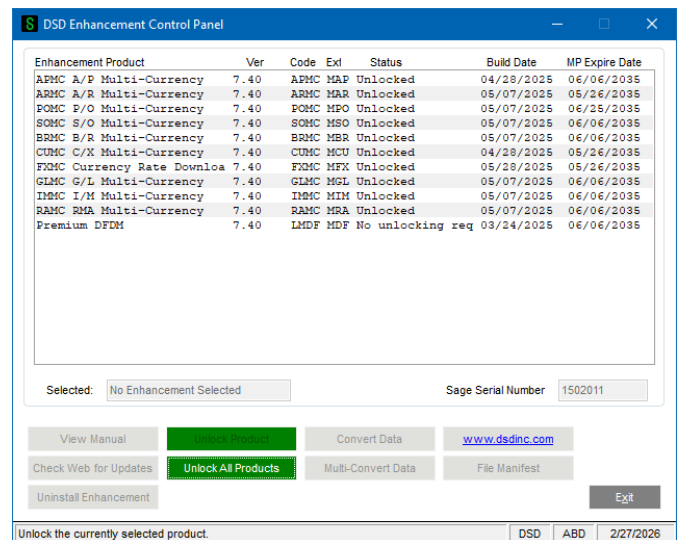
 If this is your first DSD enhancement, make sure to add the DSD Enhancement Control Panel in the Library Master module to an appropriate Role.

**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.

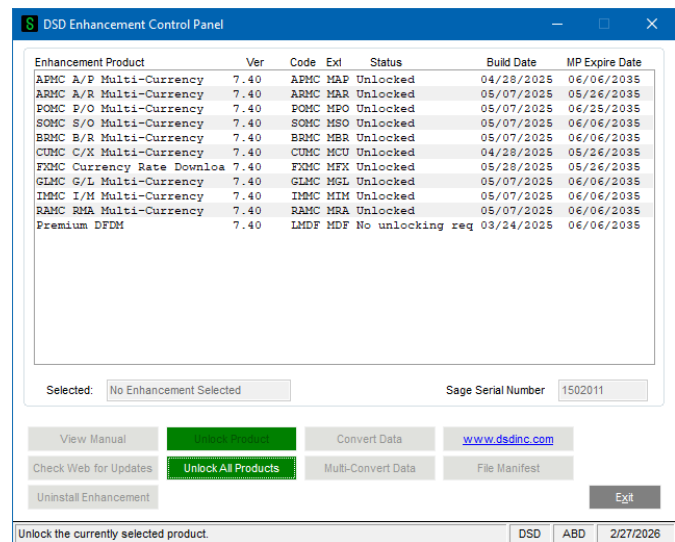


**View Manual:** This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not present, and the system has web

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.**

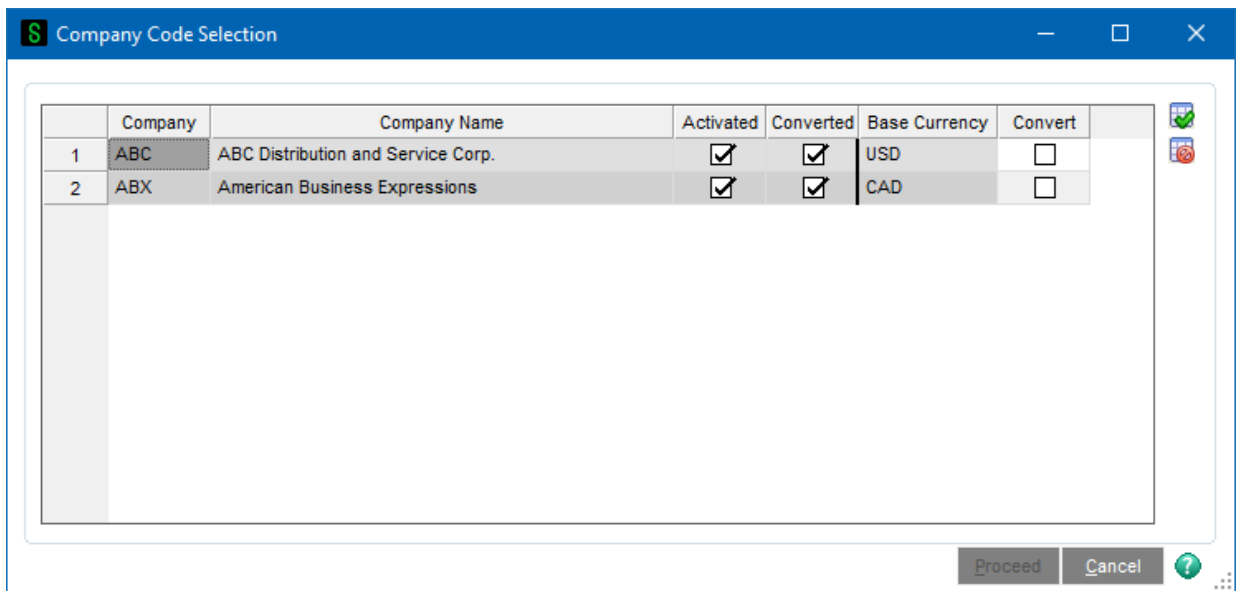
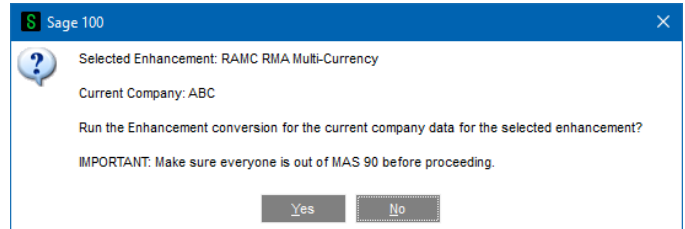
**Demo Unlock:** If a Demo mode is available for the Enhancement you’re running, you will be able to Demo unlock the product without assistance from DSD for demo purposes.

 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](#).

## Section C: Setup

### Multi-Currency Accounts Receivable Setup

#### Data You Need

The best choice is to do all conversions in the [DSD Enhancement Control Panel](#), as in the previous page above.

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

- List of Accounts Receivable Divisions including their respective Gain/Loss and Round-off Accounts.
- List of Bank Accounts used including their respective Currency Codes.
- List of Customers, including their Default Entry and Historical Currencies, and whether some Customers will be limited to use only their Default Currency
- List of Repetitive Invoices in their corresponding Entry Currencies.

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.

#### Initial Set-up

After data conversion, set-up ARMC in the following order. See other parts of this section for details of each.

- Set-up Gain/Loss and Round-off Accounts in Division Maintenance.
- Setup Currency Code in Bank Maintenance for foreign Bank Accounts.
- Setup Customer's Currencies if different than the Base Currency.

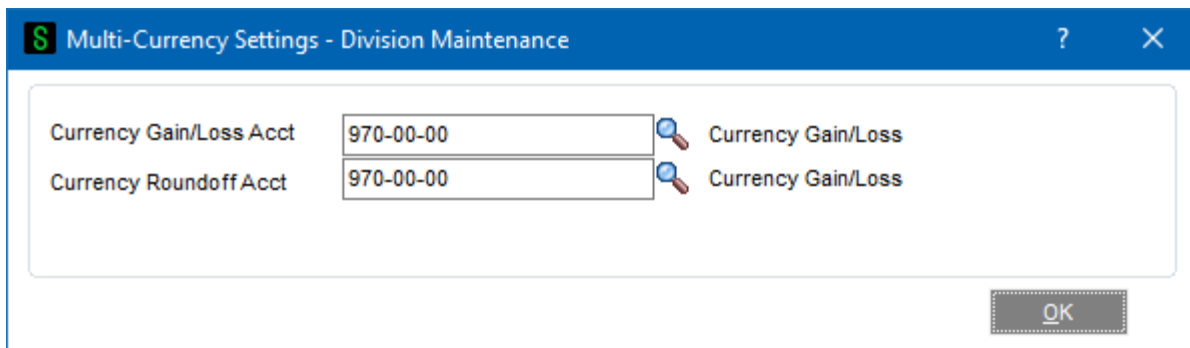
#### Conversion Notes

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

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

## Division Maintenance

The Accounts Receivable Division Maintenance screen has been modified to include a new **Currency Button**. Select this button to access the **Multi-Currency Settings** screen:




**Currency Gain/Loss Acct:** This is a General Ledger Account. Since the exchange rate may fluctuate between the time Receivable Invoice is posted and the time a Payment is received, the amount of Base Currency (Cash) needed to pay the invoice may be more or less than that originally posted. The Gain or Loss amounts for this Division will be posted to this Account. A gain or loss will only occur if an invoice is entered in a non-Base Currency, and then paid in that same currency.

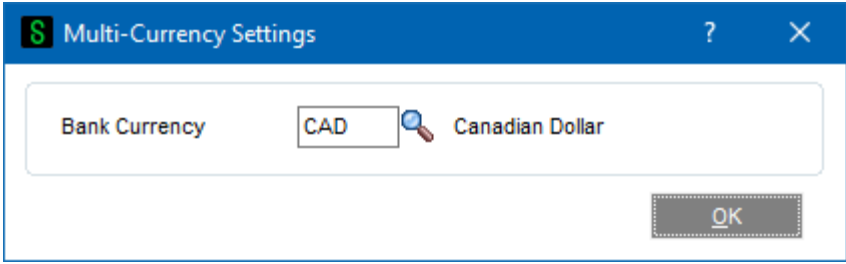
**Currency Roundoff Acct:** This is a General Ledger Account to which any round-off calculations for this division are to be posted. It is often the same Account as the Gain/Loss Account.

## Bank Code Maintenance

Bank Code Maintenance is modified to set up a Currency Code for each Bank Account. This allows the user to keep bank account balances in their own currency (if BRMC is installed), and facilitates the reconciliation of bank statements.

 **NOTE:** If you are converting to Multi-Currency Accounts Receivable from an existing **Sage 100** system, the Bank Currency Code for all existing Bank Accounts will be set to the Base Currency.

Bank Code Maintenance has a **Currency Button**. Select this button to access the **Multi-Currency Settings** screen.



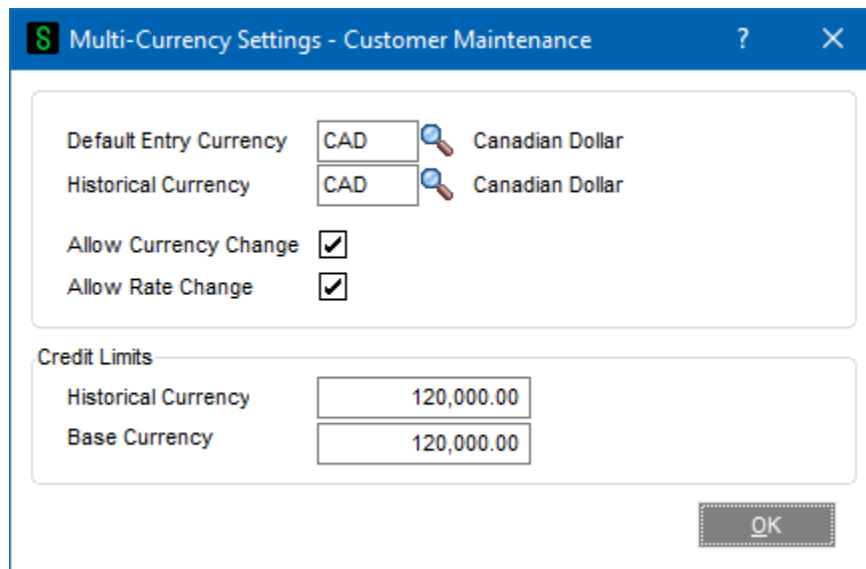
**Currency Code:** Enter the Currency Code for this Bank Account. Select the Lookup Button to display a list of Currency Codes on file.

# Section D: System Operations - Main

## Customer Maintenance and Inquiry

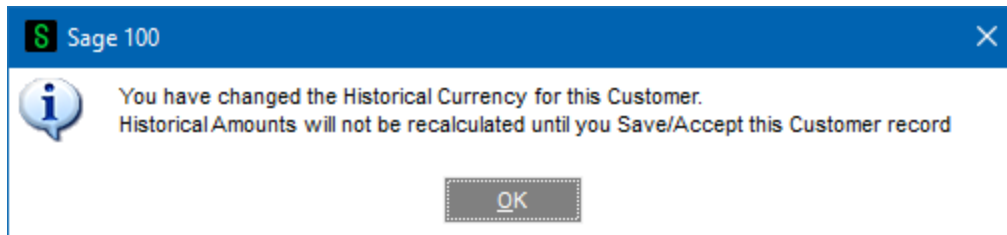
Customer Maintenance allows display of Customer activity in Base, Entry, and Customer Historical currencies.

The Customer Maintenance Main Panel includes a **Currency Button**. Select this button to access the **Multi-Currency Settings** screen:



**Default Entry Currency:** Enter the Default Entry Currency for this Customer. *(During ARMC conversion this will be assigned the Base Currency)*. During Data Entry, whenever this Customer is selected the Entry Currency will default to this Currency. The Default Entry Currency may be changed at any time.

**Historical Currency:** Enter the Currency in which you want to use to display amounts for this Customer (in addition to the Base Currency). *(During ARMC conversion this will be assigned the Base Currency)*. If this field is changed after it has been set for the first time, the system will display this prompt. When the Save/Accept button is pressed, all Historical total amounts will be converted to the new Historical Currency Code.



**Allow Currency Change:** Select this check box if you want to be able to override the Entry Currency during Data Entry for this Customer. Clear this check box if you do not want to allow Entry Currency override. *(During ARMC conversion this will be checked)*. If you change the Entry Currency for a transaction, the system will ask you for the Supervisor Password if one was set up in the Multi-Currency Options.

**Allow Rate Change:** Select this check box if you want to be able to override the Exchange Rate for each transaction during Data Entry for this Customer. Clear this check box if you do not want to allow Exchange Rate override. *(During ARMC conversion this will be checked)*. If you change the Exchange Rate for a transaction, the system will ask you for the Supervisor Password if one was set up in the Multi-Currency Options.

**Historical Currency Credit Limit:** Enter the Credit Limit used for transactions in the Customer Historical Currency.

**Base Currency Credit Limit:** Enter the Credit Limit used for transactions in the Base / Other Currency.

**Note:** *The Customer's **Historical Currency** is always displayed at the bottom of the Customer Maintenance Panel as **Customer Currency: XXXX**.*

## Summary and History

The Statistics, Summary, and History panels display the amounts in both **Base Currency** and the Customer's **Historical Currency**. A Drop Box has been added to allow display toggle between these two Currencies. Historical is the default.

Customer Maintenance (ABD) 1/1/2026

Customer No. 01-ABF    Name American Business Futures

1. Main    2. Additional    3. **Statistics**    4. Summary    5. History    6. Invoices    7. Transactions    8. S/Os

Last Payment Date	5/31/2016	Last Payment Amount	864.25
Last Statement Date	5/1/2016	Highest Balance	3,462.54
Last Finance Charge Date	4/30/2016	Unpaid Finance Charges	43.89
Last Invoice Date		Last Invoice Amount	.00

Average Days to Pay	4	Credit Hold	<input type="checkbox"/> 120,000.00
Average Days Overdue	0	Credit Limit	
Date Established	1/1/2015		
Date of Last Activity	5/31/2016		

Aging as Of 6/20/2021

Balance	Current	30 Days	60 Days	90 Days	120 Days
5,732.36	0.00	0.00	0.00	0.00	5,732.36

Customer Currency USD    Accept    Cancel    Delete

## Customer Invoices, Transactions and Sales Orders

The Invoices and Transactions Panels display the amounts in **Historical**, **Base**, or **Entry Currency**. (It is possible to have a transaction that was not entered in either the Customers's Currency or the Base Currency). A **Drop Box** allows the display to toggle between these three currencies. Historical is the default.

Customer Maintenance (ABC) 1/1/2026

Customer No. 01-ABF Name American Business Futures

1. Main 2. Additional 3. Statistics 4. Summary 5. History 6. Invoices 7. Transactions 8. S/Os

Invoice No.	Invoice Type	Inv Date	Inv Due Date	Disc Date	Curr	Amount	Discount	Balance	Custom
0000191	Invoice	5/31/2016	6/30/2016		CAD	2,416.25	0.00	0.00	
0100041	Invoice	5/31/2016	6/30/2016		CAD	38.20	0.00	38.20	789
0100048	Invoice	5/30/2016	6/29/2016		CAD	130.00	0.00	130.00	789
0000169	Invoice	5/29/2016	6/28/2016		CAD	2,416.25	0.00	0.00	
0100011	Invoice	5/28/2016	6/27/2016		CAD	265.86	0.00	0.00	
0100012	Invoice	5/28/2016	6/27/2016		CAD	666.53	0.00	0.00	
0100009	Invoice	5/23/2016	6/22/2016		CAD	2,032.54	0.00	0.00	
0100042	Invoice	5/21/2016	6/20/2016		CAD	864.25	0.00	0.00	
0100033	Invoice	5/15/2016	6/14/2016		CAD	1,113.05	0.00	613.05	XX_ROR

Trans Date	Trans Type	Trans Amount	Pay Date	Check No.	Payment Ref	Cr Card	RMA No.
5/21/2016	Invoice	864.25					
5/31/2016	Payment	864.25	5/31/2016	223481			

Balance	Current	30 Days	60 Days	90 Days	120 Days
5,732.36	4,474.96	1,257.40	0.00	0.00	0.00

Customer Currency: CAD

Accept Cancel Delete

## Invoice History Inquiry

Invoice History Inquiry displays information in both **Base Currency** and **Entry Currency**. The Header and Lines panel include a **Drop Box** to toggle display of these amounts.

The Header Screen has also been modified to include a **Currency Button**. Select this button to see the **Currency Code** and **Exchange Rate** of the transaction.

The Entry Currency of the Invoice is displayed at the bottom of the Invoice History Inquiry Panel.

**S** A/R Invoice History Inquiry (ABC) 1/1/2026

Invoice No.  Type  Date

Source  Order No.

1. Main 2. Lines 3. Payments

Customer No.

Name

Ship To

Source Journal

Customer PO  RMA No.

Terms Code   Apply To

Salesperson   Schedule

Ship Date  Ship Zone

Ship Via  Weight

FOB  IT User ID

Confirm To

Comment

Check No.

Taxable	1,075.85
Nontaxable	.00
Freight	6.00
Sales Tax	52.72
Discount	21.52
Invoice Total	1,113.05
Deposit	500.00
Net Invoice	613.05

E-mail

Telephone  Ext  Work

Fax  Batch Fax

Balance

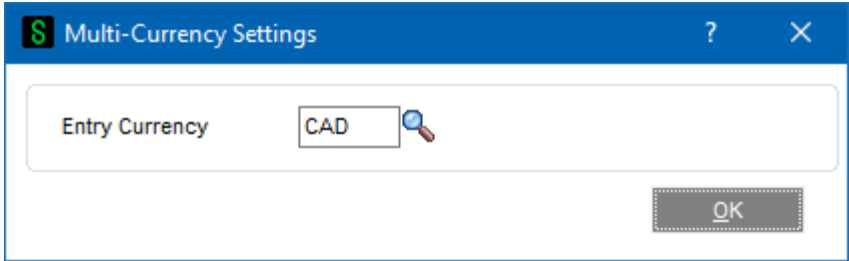
Display Currency

Entry  
Entry  
Base

Entry Currency

## Repetitive Invoice Entry

The Repetitive Invoice Header Panel includes a **Currency Button**. Select this button to access the **Multi-Currency Settings** screen:



**Entry Currency:** Enter the Currency Code for the Repetitive Invoice. Select the Lookup Button to list all Currency Codes on file. If you change the Transaction Currency, the system will ask you for the Supervisor Password if one was setup in Multicurrency Options.

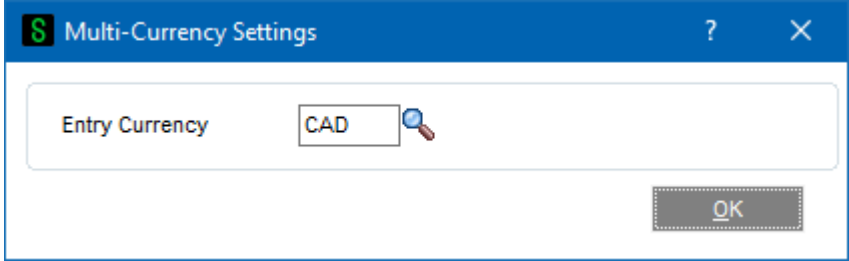
All amounts entered for a Repetitive Invoice will be in the selected currency.

## Repetitive Invoice Selection

The Entry Currency for all Invoices generated through Repetitive Invoice Selection will be the **Entry Currency** of the Repetitive Invoice. The Exchange Rate will be the rate found in Currency Code Maintenance using the Invoice Date.

## Invoice Data Entry

The Invoice Header Panel includes a **Currency Button**. Select this button to access the **Multi-Currency Settings** screen:



**Entry Currency:** Enter the Entry Currency Code for the Invoice. Select the Lookup Button to list all Currency Codes on file. The system will ask you for the Supervisor Password if one was set up in Multi-Currency Options.

**NOTE:** If amounts have already been entered, and the currency is changed, the Invoice amounts remain the same and will be considered to be amounts in the new currency.

This field will not be accessible if **Allow Currency Change** is not checked for the Customer in Customer Maintenance.

**Exchange Rate:** Enter the Exchange Rate for the Invoice. The initial rate displayed is found in Currency Code Maintenance for the Invoice Date. If the default exchange rate is overridden, then

the Invoice amounts remain the same and will be converted to Base Currency when posting to General Ledger using the new Exchange Rate.

The system will ask you for the Supervisor Password if one was set up in Multi-Currency Options. This field will not be accessible if **Allow Rate Change** is not checked for the Customer in Customer Maintenance.

## Invoice Printing and Invoice History Reprint


**Crystal Report** forms are used to print Invoices. The Forms have Currency fields available to print:

APMC\_234\_EntryCurrency – Currency Code for the Invoice Currency

APMC\_234\_StringRate – The Exchange Rate for the Invoice Currency

APMC\_234\_CurrencyName – The name of the Invoice Currency

APMC\_234\_CurrencySymbol – The Currency Symbol of the Invoice Currency

 **NOTE:** If you do not see these new fields during an edit of the Crystal form, then select **Verify Database** from the **Database** dropdown menu to update your data dictionaries.

## Sales Journal

If any Invoice has an Entry Currency other than the **Base** Currency, the Sales Journal will be printed first in **Entry Currency**. This is followed by the Sales Journal in **Base Currency**.


The Gross Profit and Recap Report will be printed in **Base Currency**.

## Sales Journal Update

The Sales Journal Update performs all the appropriate currency conversions to Base Currency.

## Cash Receipts Entry

The Cash Receipts Entry program allows the entry of Cash Receipts in any Currency to any Bank Account and apply the Cash Receipt to Customer Invoices of any Currency. Additionally, you may use the Exchange Rates as of the Deposit Date obtained from Currency Code Maintenance or override them with a new rate.

 **NOTE:** The Cash Receipt Entry program uses these Currencies and Exchange Rates to process deposits.

**Deposit Currency:** This is the currency in which you are making the deposit; in other words, this is the Bank Account Currency.

**Check Currency:** This is the actual currency of the check, letter of credit, draft, etc., that you received from your Customer and that you deposited in the Bank (regardless of the Bank Currency).

**Invoice Currency:** This is the Entry Currency of the Invoice being paid by the deposit.

**Deposit -> Base Rate:** This is the Exchange Rate of the Deposit/Bank Currency in relation to the Base Currency.

**Check -> Base Rate:** This is the Exchange Rate of the Check Currency in relation to the Base Currency.

**Check -> Deposit Rate:** This is the Exchange Rate of the Check Currency in relation to the Deposit Currency. This Rate is the actual rate that the bank used to convert the check deposited in the Bank Account to the Deposit Currency.

When a Bank Code is first entered in the **Cash Receipts Deposit screen**, the Bank Currency Code will be displayed at the bottom of the screen. Select the **Currency Button** to access the Multi-Currency Settings Panel to change the Deposit Rate if desired:



**NOTE:** If records exist for this deposit, then the Deposit Rate may not be changed. The rate may only be changed at the start of the Deposit entry.

When a Customer number is entered to identify the source of the cash receipt, both the Deposit (Bank) and Check Currency Codes will be displayed at the bottom of the screen, the Check Currency is defaulted to the Bank Currency.

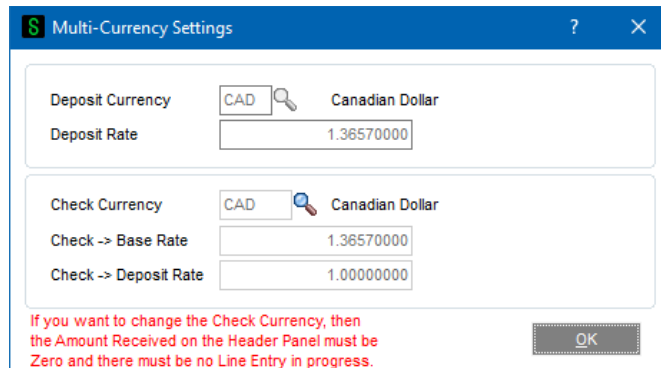
Select the **Currency Button** to access the **Check Currency** settings. The Check Currency, Check Rate, and Check-to-Deposit Rate can **only** be changed if:

- The **Amount Received** field on the Header Panel is set to zero, that is, no Payment amount has been entered yet, and
- There are no Invoices or G/L Distributions entered yet.



**NOTE:** If the Payment Currency is different than the Bank Currency, such as for a Wire Transfer, one must change the Check Currency (and Exchange Rate when determined by the Bank) first.

**Check Currency:** Enter the Check Currency. This field will default to the Deposit / Bank Currency. Select the **Lookup Button** to list all Currency Codes on file. This field may not be changed once you enter an Invoice or a G/L distribution line.



**Check -> Base Rate:** Enter an Exchange Rate to be used when converting amounts from the Check to the Base Currency. This field may not be changed once you enter an Invoice or G/L distribution line or if you are using a Customer Contract. The system will ask for the Supervisor Password if one was set up in Multicurrency Options.

**Check -> Deposit Rate:** Enter an Exchange Rate to be used when converting amounts from the Check to the Deposit Currency. This field may not be changed once you enter an Invoice or G/L distribution line or if you are using a Customer Contract. The system will ask for the Supervisor Password if one was set up in General Ledger.

## Invoice Lines

When you are entering an Invoice line against a Customer Payment, you may select the **Lookup Button** to display all Invoices on file. This Listing displays the Invoice Currency of each Invoice.

## Cash Receipts Journal

If any Payment has an Entry Currency other than the **Base Currency**, the Cash Receipts Journal will first be printed in **Entry Currency**. This is followed by the register in **Base Currency**.

The Recap Report will be printed in **Base Currency** and will include any round-off amounts calculated during currency conversions.

## Cash Receipts Update

The Cash Receipts Journal Update performs all the Currency conversions. Any Gain/Loss will be calculated and will post to the General Ledger Account defined in Division Maintenance. This amount is caused by the difference between the original Invoice Exchange Rate and the Check -> Base Rate at the time that the Invoice is paid.


## Credit Card Processing

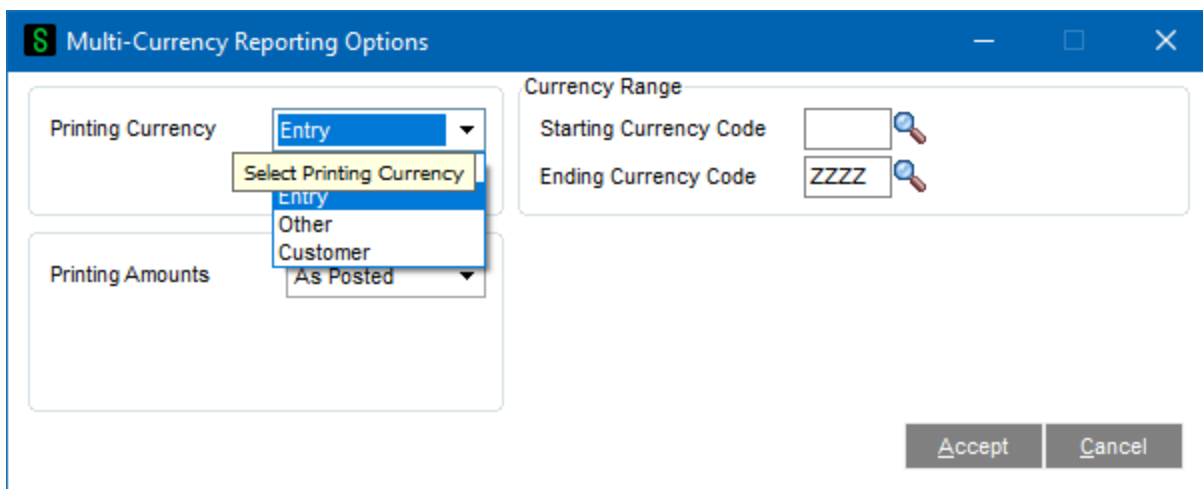
Since Credit Card Processing in Cash Receipts Entry does NOT involve Bank Codes, the Deposit Currency Code and Deposit Amount will always be in Base Currency. The “Check” Currency and “Check” Amounts may still be in different currencies, but those amounts will be converted back to Base Currency for Credit Card Pre-Authorization, Post-Authorization, and Payments.

# Section E: Reports

## Standard Reports

When printing any Accounts Receivable Reports, you may define the Currency options to use. A **Currency Button** is in the Report Panel, and when selected, the following screen will be displayed.

 **NOTE:** This screen will vary depending on the report being printed and the options entered.



**Printing Currency:** Select **Entry** for Transaction Currency, **Base** for Base Currency, **Customer** for Customer Currency, **Other** for Other Currency. The Printing Currency may be modified by some of the options below.

**Starting and Ending Currency:** Enter a range of Currencies for a specific group of transactions. These fields control the selection of Invoices by their Entry Currency, regardless of any other option. Choosing one Currency only for Starting and Ending will select only Invoices who's Entry Currency matches this. Press the Lookup Button to list all Currencies on file. *This field will be displayed only for reports that can print amounts from individual Transactions.*

**Currency Code:** Enter the Currency Code in which to print all amounts. This field will be displayed only if you selected **Other** as the **Printing Currency** option.

**Printing Amounts:** Select **As Posted** to import all amounts As Posted or **Override Date** to convert amounts using an Exchange Rate as of an Override Date.

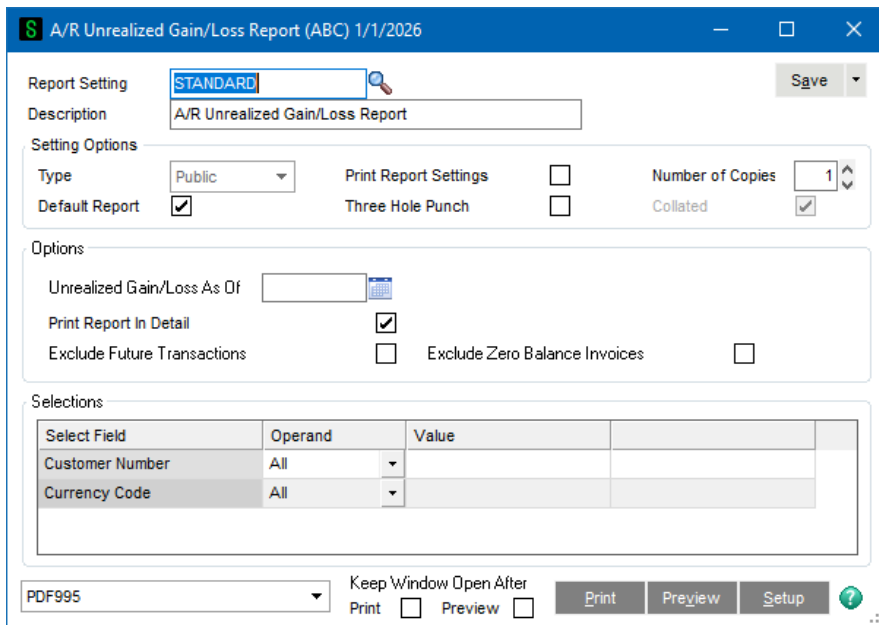
**Override Date:** Enter a date to import amounts converted to the Printing Currency using the Exchange Rate as of this date. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

**Rate Type:** Select **AP/PO Rate**, **AR/SO Rate**, **GL Rate**, or **FASB52 Rate**. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

**Override Rate:** Enter a Rate to be used when exporting amounts. This field will be displayed only if you selected **Rate Override** as the **Printing Currency**.

## A/R Unrealized Gain/Loss Report

The Unrealized Gain/Loss Report is found on the Reports Menu in the **Multi-Currency module**. This report calculates the Unrealized Gain or Loss for all open invoices based upon the reporting date. This report may be used to determine the Gain/Loss amounts to create a General Journal at the end of one Period and reverse it at the beginning of the next Period.



**Unrealized Gain/Loss As Of:** The default date displayed will be the current System Date. This date will be used to calculate the current Exchange Rate for the Transaction Currencies.

**Print Report in Detail:** Select this check box to print a detailed report including Invoice Number and Date information. Clear this check box to print a Summary report providing total amounts by Currency and Customer only.

**Exclude Future Transactions:** Check this box to exclude any open invoices with an invoice date after the reporting date. Clear this box to include future-dated invoices.

**Exclude Zero Balance Invoices:** Normally left checked since zero balance Invoices do not affect the Gain/Loss, uncheck this box to list all Invoices.

**Currency Code Range:** Select the **All** check box to select transactions in all Transaction Currencies, or enter a range of Currencies for a specific group of Transactions. Select the Lookup Button to list all Currencies on file.

**Customer Number Range:** Select the **All** check box to accept all Customers on file, or enter a range of Customer Numbers for a specific group of Customers. Select the Lookup Button to list all Customers on file.

(sample report with Print In Detail unchecked)

A/R Unrealized Gain/Loss Report

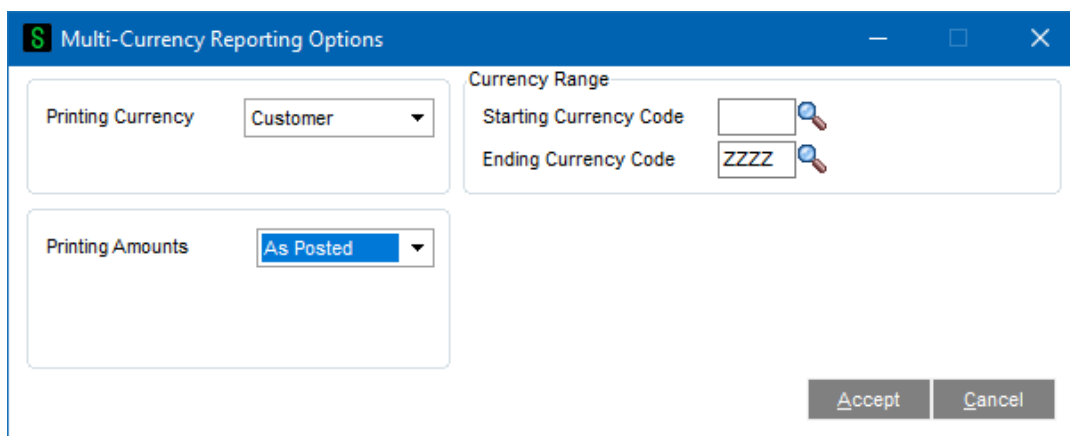
ABC Distribution and Service Corp. (ABC)

	Invoice Bal Entry Curr.	Invoice Bal Base Curr.	Gain/Loss Entry Curr.	Gain/Loss Base Curr.
<b>Currency Code: EUR</b>				
06-BRUT Brut Brewing Co.	9,320.33	11,373.52	-796.76	-895.71
06-LOWEN Lowenbrau Brewery	8,005.86	9,770.52	-685.30	-770.41
<b>Currency EUR Totals:</b>	<u>17,326.19</u>	<u>21,144.04</u>	<u>-1,482.06</u>	<u>-1,666.12</u>
<b>Currency Code: GBP</b>				
08-GLENFID Glenfiddich Brewing Co.	3,071.98	5,897.14	-1,461.97	-1,901.53
08-GUINNESS Guinness Brewing Co.	6,832.25	12,008.01	-2,399.99	-3,121.57
<b>Currency GBP Totals:</b>	<u>9,904.23</u>	<u>17,905.15</u>	<u>-3,861.96</u>	<u>-5,023.10</u>
<b>Currency Code: MXN</b>				
07-CORONA Corona Beer	52,813.43	4,773.67	-37,041.35	-1,967.88
07-TECATE Tecate Distillery	23,329.95	2,127.82	-16,721.95	-888.38
<b>Currency MXN Totals:</b>	<u>76,143.38</u>	<u>6,901.49</u>	<u>-53,763.30</u>	<u>-2,856.26</u>

## Section F: Period End Menu

### Finance Charge Calculation

The Finance Charge Calculation program allows the calculation to be performed in the Customer Default Entry Currency, Base or Other Currency. The Main Panel has been modified to include a new **Currency Button**. Select this button to access the **Multi-Currency Settings** screen.



**Finance Charge Currency:** Select **Customer** for the Customer’s Default Entry Currency, **Base** for Base Currency, or **Other** for Other Currency. This field will default to Customer Currency.

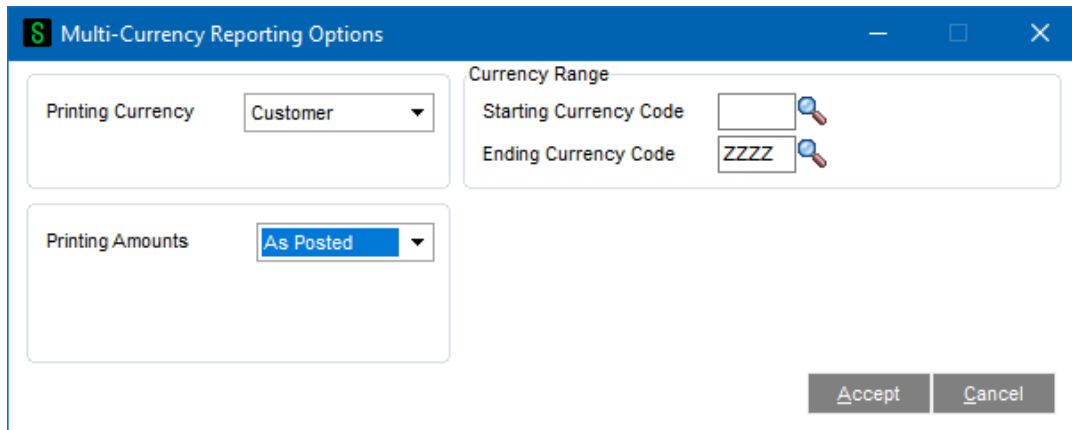
**Currency Code:** Enter the Currency Code in which to generate Finance Charges. This field will be displayed only if you selected **Entry** at the **Finance Charge Currency** drop box.

**Default Entry Currency Range:** Select a range of Default Entry Currencies. A **Lookup Button** is available to select a specific Currency Code.

### Finance Charge Entry

The Finance Charge Entry program has been modified to generate Finance Charges in the Customer Default Entry Currency, Base or Other Currency.


This Multi-Currency Options screen will be displayed after you enter the Customer Number for a new Finance Charge. If a Finance Charge was already generated, then this screen will be displayed when you select the **Currency Button** from the Finance Charge Entry panel.



**Entry Currency:** Enter a Currency for this Finance Charge. This field will default to the Customer's Default Entry Currency. Select the **Lookup Button** to list all Currency Codes on file.

If the Entry Currency is changed after the Finance Charge has been calculated, the system will recalculate the Finance Charge to be in the new currency.

**Exchange Rate:** Enter an Exchange Rate for this Finance Charge. This field will default to the Exchange Rate as of the Accounts Receivable System Date.

 **NOTE:** If the Exchange Rate is changed after the Finance Charge has been calculated, the Finance Charge will remain the same and will be converted to Base Currency when posting to General Ledger using the new Exchange Rate.

## Finance Charge Journal / Update

If any Finance Charge has an Entry Currency other than the **Base Currency**, the Finance Charge Journal will first be printed in **Entry Currency**. This is followed by the register in **Base Currency**.

The Finance Charge Journal Update performs all the Currency conversions. Round-off amounts will be calculated and will post to the General Ledger Account defined in Division Maintenance.

## Statement Printing

A new **Currency Button** is on Statement Printing Panel, and when selected, the following screen will be displayed:

**Printing Currency:** Select **Entry** for Transaction Currency, **Base** for Base Currency, or **Customer** for Customer Historical Currency

**Printing Amounts:** Select **As Posted** to import all amounts As Posted or **Override Date** to convert amounts using an Exchange Rate as of an Override Date. This field will be displayed only if you selected **Other** as the **Printing Currency**.

**Override Date:** Enter a date to print amounts converted to the Printing Currency using the Exchange Rate as of this date. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

**Rate Type:** Select **AP/PO Rate**, **AR/SO Rate**, **GL Rate**, or **FASB52 Rate**. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

The following additional fields have been added to the Statement Printing Crystal Work file, and are available for printing.

- ARMC\_234\_PrintCurrency – The Currency Code that for each transaction. If you have chosen Base Currency, then the ARMC\_234\_PrintCurrency will always be Base Currency Code. If you have chosen Customer Currency, then the ARMC\_234\_PrintCurrency will always be the customer’s Historical Currency Code Base Currency. If you have chosen Entry Currency, then the ARMC\_234\_PrintCurrency will be the entry currency of each record
- ARMC\_234\_PrintCurrency Name
- ARMC\_234\_PrintCurrencySymbol
- ARMC\_234\_HistoricalCurrency – Customer’s Historical Currency Code
- ARMC\_234\_HistCurrencyName
- ARMC\_234\_HistCurrencySymbol

If you do not see this new field during the edit of the Crystal form, then select **Verify Database** from the **Database** dropdown menu to update your data dictionaries.

# Section G: 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.

Enhancement Product	Ver	Code	Ext	Status	Build Date	MP Expire Date
APMC A/P Multi-Currency	7.40	APMC	MAP	Unlocked	04/28/2025	06/06/2035
ARMC A/R Multi-Currency	7.40	ARMC	MAR	Unlocked	05/07/2025	05/26/2035
POMC P/O Multi-Currency	7.40	POMC	MPO	Unlocked	05/07/2025	06/06/2035
SOMC S/O Multi-Currency	7.40	SOMC	MSO	Unlocked	05/07/2025	06/06/2035
BRMC B/R Multi-Currency	7.40	BRMC	MBR	Unlocked	05/07/2025	06/06/2035
CUMC C/X Multi-Currency	7.40	CUMC	MCU	Unlocked	04/28/2025	05/26/2035
FXMC Currency Rate Downloa	7.40	FXMC	MFY	Unlocked	05/28/2025	05/26/2035
GLMC G/L Multi-Currency	7.40	GLMC	MGL	Unlocked	05/07/2025	06/06/2035
IMMC I/M Multi-Currency	7.40	IMMC	MIM	Unlocked	05/07/2025	06/06/2035
RAMC RMA Multi-Currency	7.40	RAMC	MRA	Unlocked	05/07/2025	06/06/2035
Premium DFDM	7.40	LMDF	MDF	No unlocking req	03/24/2025	06/06/2035

Selected:  Sage Serial Number:

Unlock the currently selected product.

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.

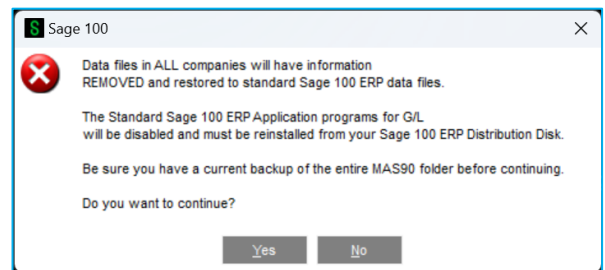
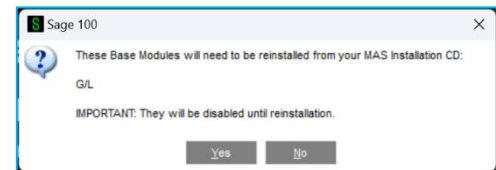
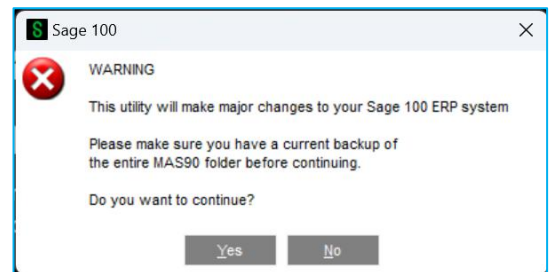
**After the Uninstall of the DSD Enhancement, you MUST reinstall certain standard Sage 100 modules, followed by reinstallation of Product Updates and Hot Fixes, if applicable.**

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

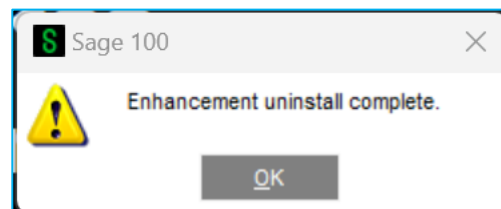
- Select **No** to exit the Uninstall Process.
- Select **Yes** to continue with the Uninstall Process.

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 H: 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 Receivable Multi-Currency:

<https://www.dsdinc.com/enhancements/marketplace/products/armc-ar-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](mailto: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](mailto:enhancements@dsdinc.com)

 [Enhancements Marketplace](#)

 **800-627-9032**