DSD Business Systems

Sage 100 Enhancements

ARMC

Accounts Receivable Multi-Currency

Version 5.40

Information in this document is subject to change without notice.

Accounts Receivable Multi-Currency User's Manual
Version 5.40

28 November, 2016

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Table of Contents

Section A: Introduction

This manual contains a description and instructions for this DSD product. Operating instructions are included for the features added by this product to Sage 100. For instructions on using Sage 100, refer to the appropriate Sage 100 manual, or call your Sage 100 reseller. DSD Business Systems offers excellent Sage 100 support, at an hourly rate.

Web Resources

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

The Enhancement page contains:

Current Release Schedule
Purchasing Information
Installation Instructions
Product Support
Enhancement Links

ARMC Accounts Receivable Multi-Currency:

http://www.dsdinc.com/enhancement/ar-multi-currency-4/

The product web page contains:

Product Description
Web Links
Current Product Version Table
Product Installation File Download
Product Manual in .pdf Format
Revision History
FAQ

Support

DSD provides product support through Sage 100 resellers. Support is provided for the current version. Older versions are supported at an hourly rate. DSD's telephone number is **858-550-5900**. Fax: **858-550-4900**.

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

Error number.
Program name.
Line number.
Program version.

Exact sequence that caused the error, including menus and menu selections.
Other pertinent information.

If leaving a message or faxing, please include:

Your name.
Your phone number (and fax if applicable) and extension.

It is possible to be unable to duplicate a problem, because of data corruption or because we have not exactly duplicated a particular operating environment. In such circumstances, we can only continue to try to fix the problem if we can either access the system with Symantec PCAnywhere or by some other means access or duplicate the system.

How the Multi-Currency A/R Enhancement Works

The **Multi-Currency Accounts Receivable** enhancement provides the **Sage 100** user with the ability to generate invoices, receive payment for those invoices, and print reports in any currency using any exchange rate. This enhancement is essential for any company with customers in more than one country.

Accounts Receivable Multi-Currency Features

- **Bank Accounts in Foreign Currencies:** You define the Currency for each Bank Account.
- **Gain/Loss Account:** You define a Gain or Loss G/L Account by Division to use when updating transactions of cash receipts for invoices entered with a different Exchange Rate.
- **Round-off Error Account:** You define a Round-off Error Account by Division to use when posting round-off error amounts generated during currency conversion.
- **Default Entry Currency by Customer:** You define a default Entry Currency by Customer to be used when entering transactions for that customer.
- **Historical Units by Customer:** You define a Historical Currency for each Customer, in which the Customer's activity history such as Period to Date Sales, etc., will be kept.
- **Currency Toggle:** You may toggle between Historical, Base and Transaction Currency amounts in the Open Invoice and Order Detail screens.
- **Invoice History Inquiry displays Transaction 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.
- **Invoice Entry in Any Currency:** You may enter customer invoices in the Customer's Default Entry Currency or in any other established currency.
- **Invoice Entry using Any Exchange Rate:** You may use the current Exchange Rate for the Entry Currency being used or you may override the Exchange Rate.
- **Invoice Printing and Invoice History Reprint in Transaction or Base Currency:** You may print and reprint Customer Invoices in Transaction or Base Currency.
- **Enhanced Printing Forms:** Invoice, Statement, and Invoice History Printing have been enhanced to print in either Transaction or Base Currency. The **Crystal Reports** Data Dictionaries and Printing Forms have been enhanced also.
- **Registers / Journals in Base and Transaction Currency:** For audit purposes, the Multi-Currency system prints Accounts Receivable Registers in both the Entry Currencies and the Base Currency using the appropriate Exchange Rates.
- **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 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.
- **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 the Multi-Currency Accounts Receivable module:

- Aged Invoice 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
- Gross Profit 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

CAUTION

- **If you reinstall or upgrade one of the Sage 100 modules listed in the following table, you must also reinstall this Enhancement.**

- Enhancements from different Sage Developers are generally not designed to work together. If installed together, problems are likely to occur.
- **Check with DSD before installing more than one Enhancement.**

Required Levels

Sage 100 Module	Module Required	Required Level
A/R	**Y**	5.40
J/C	**N**	5.40
BRMC	**N**	5.40
CUMC	**Y**	5.40

Installation

1. **Back-up:** Exit all Sage 100 sessions. Back-up existing Sage 100 data.
2. **Check Levels:** Sage 100 module levels **must match** those listed above.
3. **Run Enhancement Setup Program:** Save the executable installation program (sent to you or downloaded from our website) in a convenient location on the Sage 100 server. Launch the program from Windows Explorer or by selecting Start/Run, and then browse for the file in the location you saved it. Follow on-screen instructions.
4. **Send your Sage Serial Number to your DSD Representative:** Send your Sage Serial Number to your DSD representative in order for us to send you back the encrypted keys to unlock your system. This serial number can be found in Library Master\Setup\System Configuration, Tab 3. Registration as Serial Number.
5. **Re-Start Sage 100:** Sage 100 will be updated.
6. **Unlock the Enhancement:** DSD Enhancements must be unlocked to run. When any part of the Enhancement is run for the first time, the **DSD Enhancement License Agreement and Activation** window will appear. Follow the steps shown on that window. *You can click the Help button for more detailed instructions.*

   Note: *On the next page is a screenshot of the DSD Enhancement License Agreement and Activation window.*

   After accepting the License Agreement, you can then select the type of unlocking that you'd prefer. The choices are File, Web, Demo and Manual Entry.

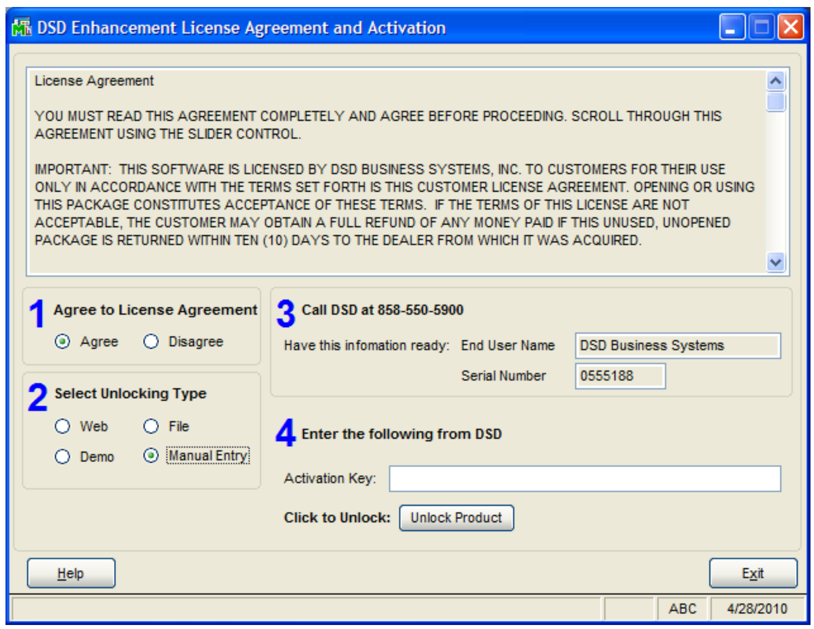
File Unlock: After receiving your encrypted serial number key file from DSD, and placing that file in the MAS90/SOA directory, selecting this option will unlock all products keys contained in the file. This means you can unlock all enhancements at once using this option.

Web Unlock: If the system that is running the DSD Enhancement *has web access* and you *have sent DSD your Sage Serial number*, you can unlock the Enhancement without assistance using Web Unlock. When this option is selected, the program will attempt to download encrypted serial number key file from DSD *and then proceed to unlock all enhancements contained in the file.*

- *The Sage 100 system that is being used must have web access for this option to be effective.*
- *You can send your Sage Serial Number to your DSD Enhancements sales representative.*

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

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



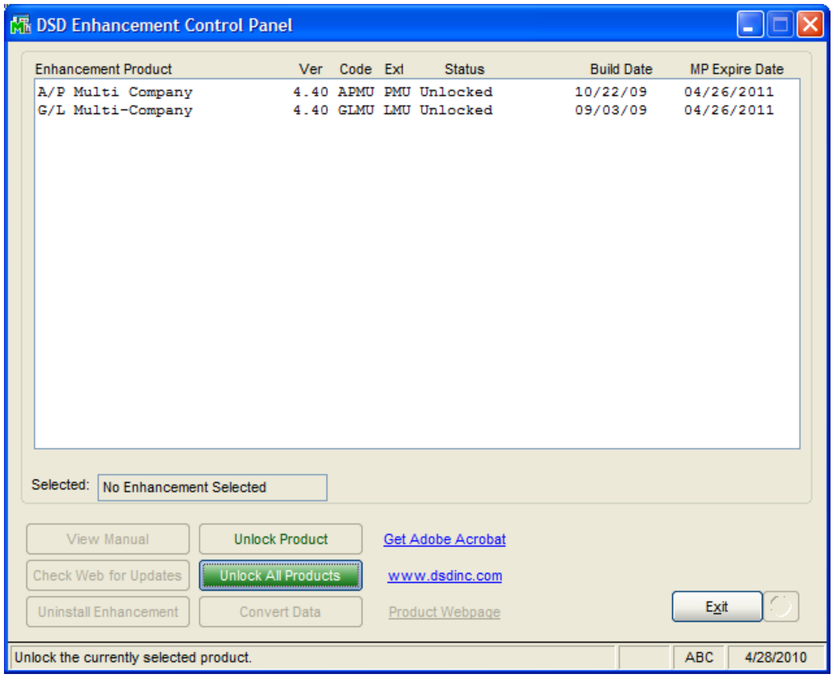
Manual Entry Unlock: If you want to unlock a single enhancement using a single encrypted key, you can select this option and enter the 64 character key you receive from DSD by copy and paste.

Note: *You can also unlock a DSD Enhancement through the* ***DSD Enhancement Control Panel*** *found on the Library Master Utilities Menu. Then, select the Enhancement with your mouse from the list of Enhancements and click the* ***Unlock Product*** *button on the right side of the window.*

7. **Convert Data:** After registration, the Data Conversion window will appear. Follow on-screen instructions to complete data conversion. *You can exit the conversion program without converting data. The Enhancement will not proceed, however, until data is converted. If you enter an enhanced program and data has not been converted, the conversion program will run again.*

DSD Enhancement Control Panel

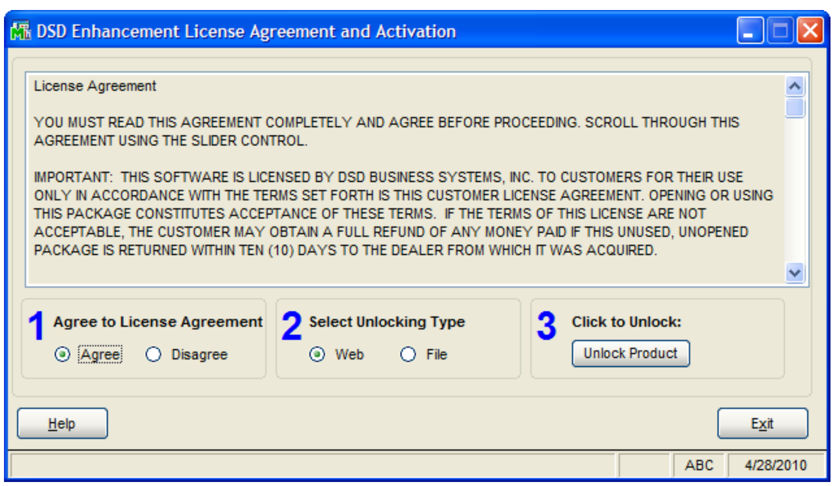
Starting with version 3.61, all DSD Enhancement products include DSD's Enhancement Control Panel. The **DSD Enhancement Control Panel is accessed from the Library Master Utilities menu**.



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 FTP web connection on the Sage 100 system.*



Unlock Product: This will cause the DSD Enhancement License Agreement and Activation window to appear. Using this window is described on the previous page. *This button is disabled if the selected Enhancement is already unlocked.*

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 Enhancements 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.

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.

There are also links to the DSD website and the Enhancement page on that site.

Section C: Setup

Initial Set-up

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

1. Set-up Gain/Loss and Round-off account in Division Maintenance.
2. Setup Currency Code in Bank Maintenance.
3. Setup Vendors/Customers currencies.

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 Date = Transaction Date
3. Entry Rate = 1
4. Entry Amount = Original Transaction Amount

Multi-Currency Accounts Receivable Setup

Data You Need

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 Error Accounts.
- List of Bank Accounts used including their respective Currency Codes.
- List of Customers, including their Default Entry Currencies and Period to Date Activity Currencies.
- List of Repetitive Invoices in their corresponding Transaction Currencies.

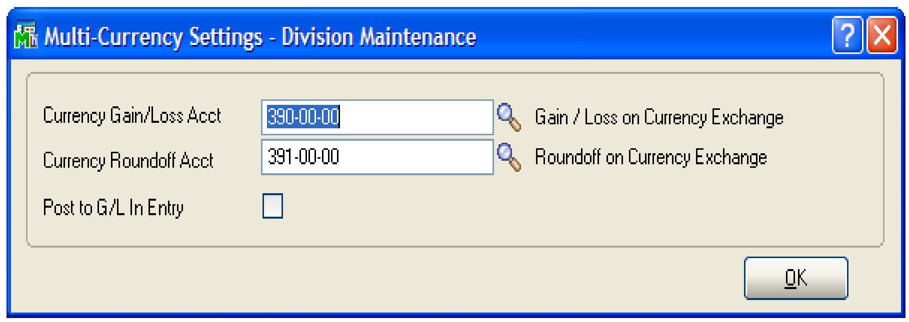
A new **Currency Button** has been added to all Multi-Currency related screen prompts. Select this button access the new Multi-Currency fields via a pop-up panel.

Most screens have been modified to display on the bottom of the screen the Currency of amounts being displayed or entered.

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:

Exchange Gain/Loss Acct: This is a General Ledger Account Number field. Since the exchange rate may fluctuate between the time the Receivable is posted and the time a check is cut, 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.

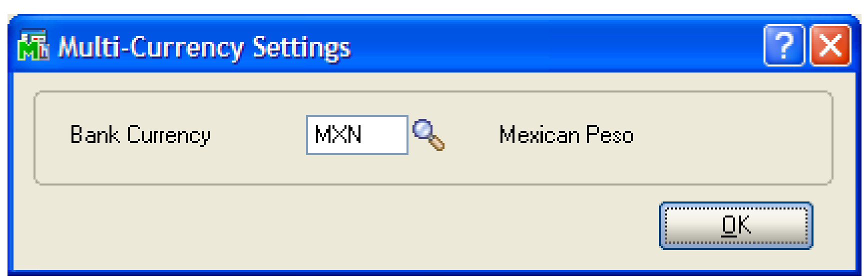


Exchange Round-off Acct: This is a General Ledger Account Number field, representing the Account to which any round-off errors for this division are to be posted.

Post to G/L in Entry: Please refer to **Section G** for a description of this. Do NOT check this box without a complete understanding of the implications.

Bank Code Maintenance

This program is used to set up a Currency Code for each Bank Account. This allows the user to keep bank account balances in their own currency, and facilitates the reconciliation of bank statements.



Conversion 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 been modified to include a new **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.

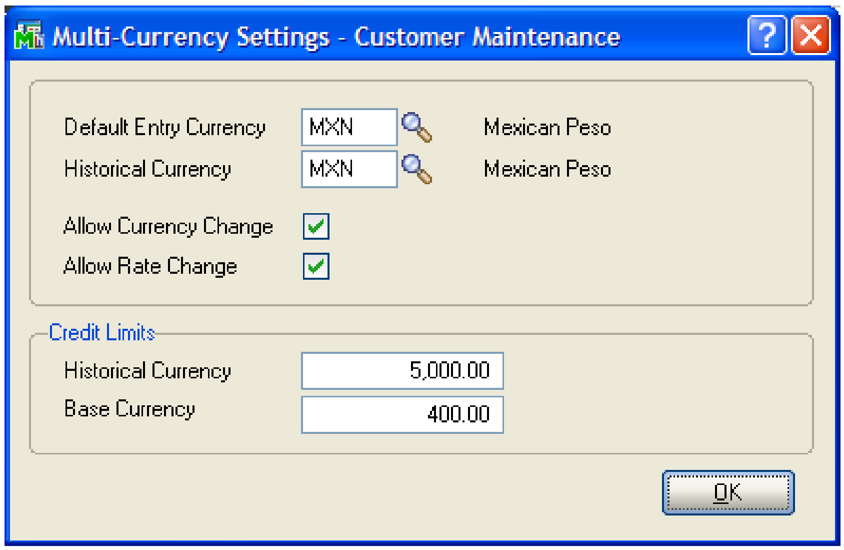
Section D: System Operations

Customer Maintenance

The Customer Maintenance program has been enhanced to maintain Customer activity in Base, Entry, and Customer Historical currencies.

Customer Maintenance - Main Panel

The Customer Maintenance Main Panel has been modified to include a new **Currency Button**. Select this button to access the **Multi-Currency Settings** screen:



Default Entry Currency: Enter the Default Entry Currency for this Customer. This field will default to the Base Currency Code. During Data Entry, whenever this Customer is selected the Entry Units 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 keep all Period-to-Date Activity for this Customer (in addition to the Base Currency).

When the Historical Currency is changed, the amounts in the History Tab will be converted to the new currency using the current Exchange Rate.

Allow Currency Change: Select this check box if you want to be able to override the Transaction Currency for each transaction during Data Entry. Clear this check box if you do not want to allow Transaction Currency override. This field will default to checked. If you change the Transaction Currency for a transaction, the system will ask you for the Supervisor Password if one was set up in Multicurrency 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. Clear this check box if you do not want to allow Exchange Rate override. This field will default to 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 Multicurrency Options.

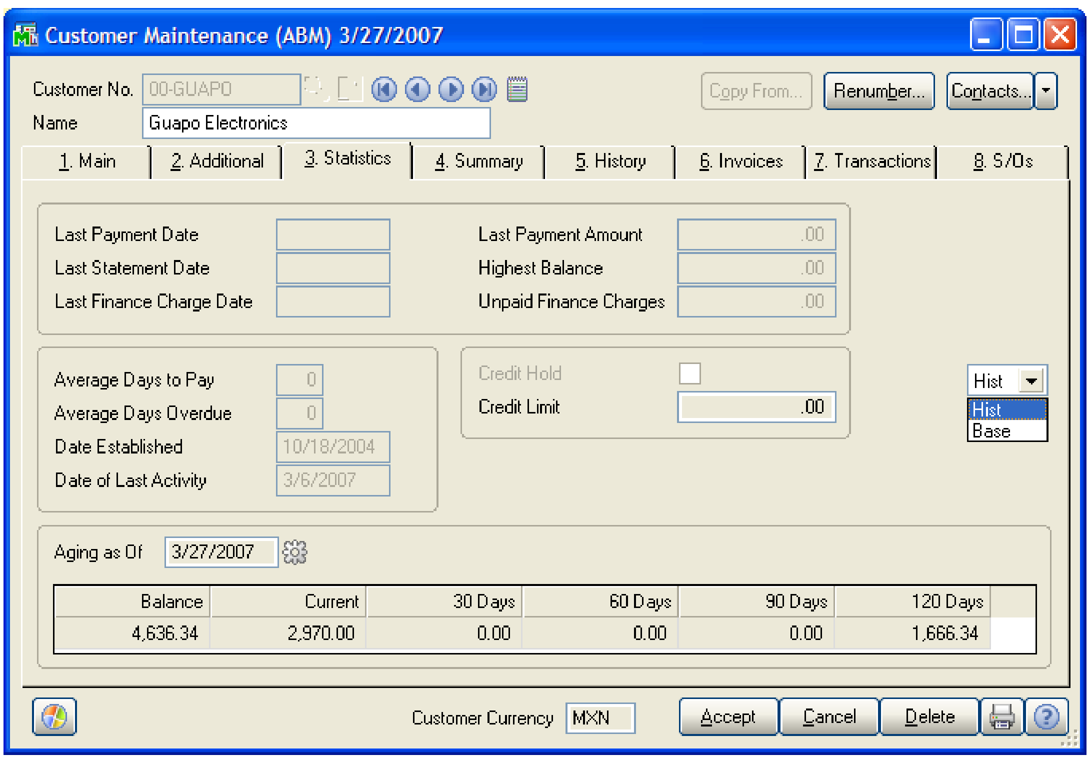
Historical Currency Credit Limit: Enter the Credit Limit used for transactions in the Customer Historical Currency.

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****.*

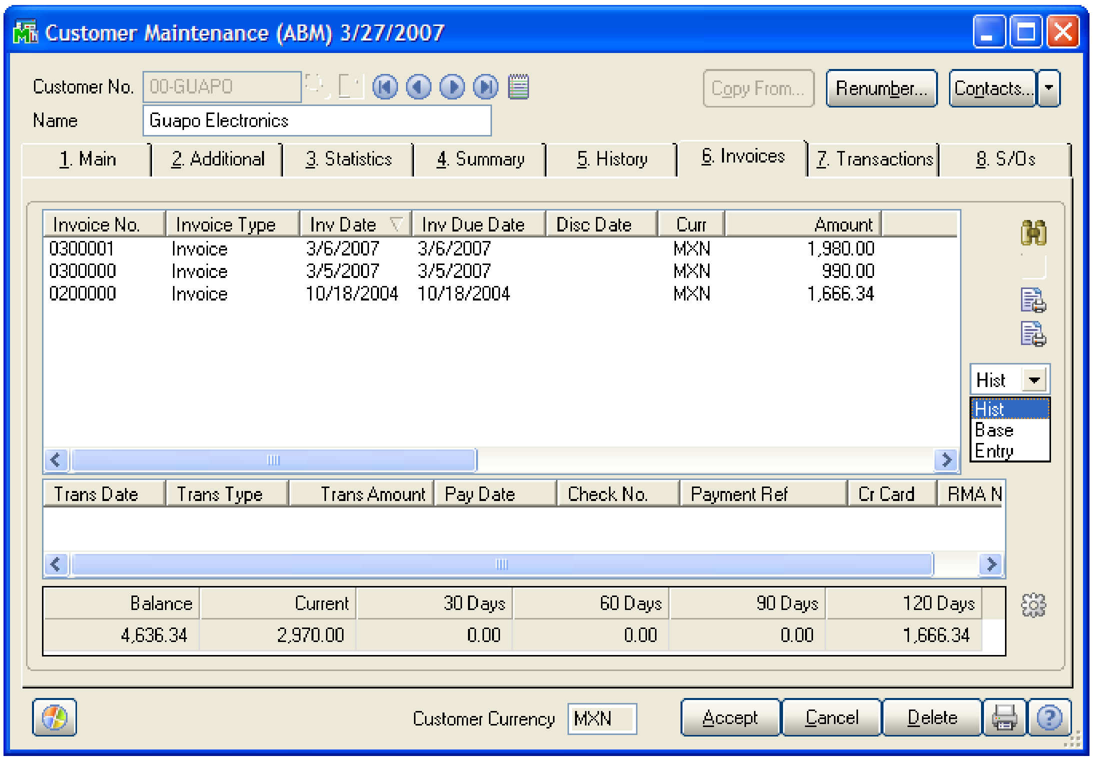
Customer Maintenance – Statistics, Summary, and History

The Statistics, Summary, and History panels have been modified to allow display of 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:



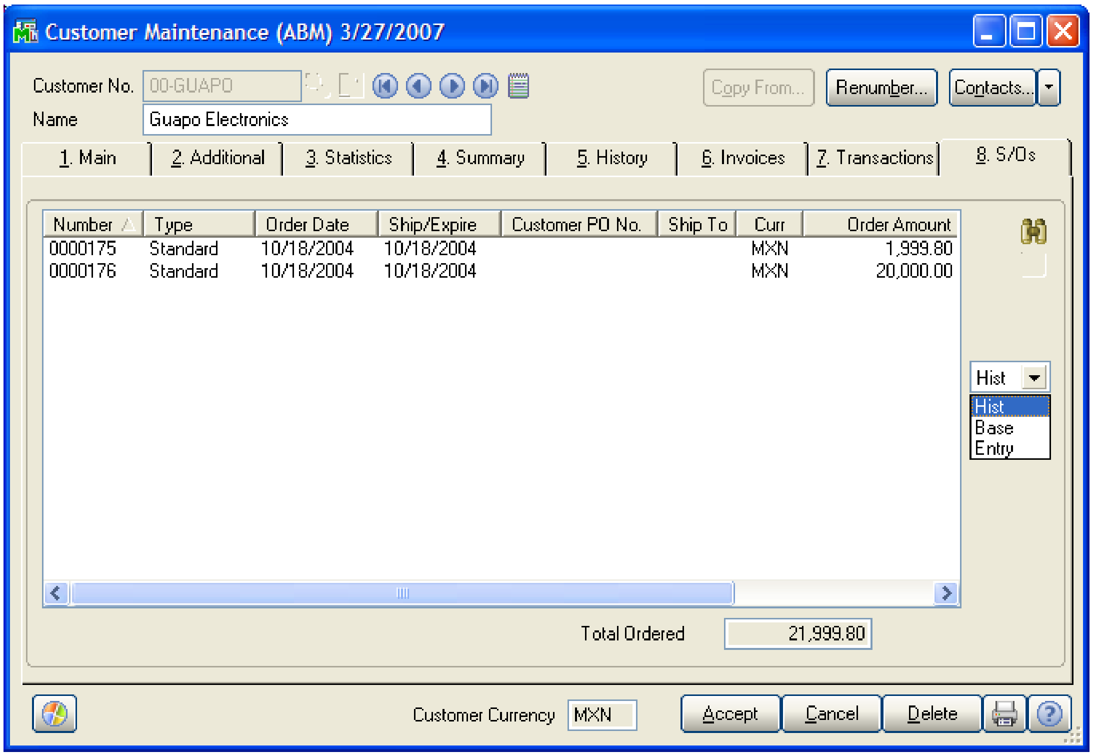
Customer Maintenance - Invoices and Transactions

The Invoices and Transactions Panels have been modified to allow display of amounts in **Base Currency, Entry Currency**, and Customer's **Historical Currency**. A Drop Box has been added to allow display toggle between these three currencies:



Customer Maintenance - Sales Orders

The Sales Orders Panel has been modified to allow display of amounts in **Base Currency, Entry Currency**, and Customer's **Historical Currency**. A Drop Box has been added to this panel to allow display toggle between these three currencies:

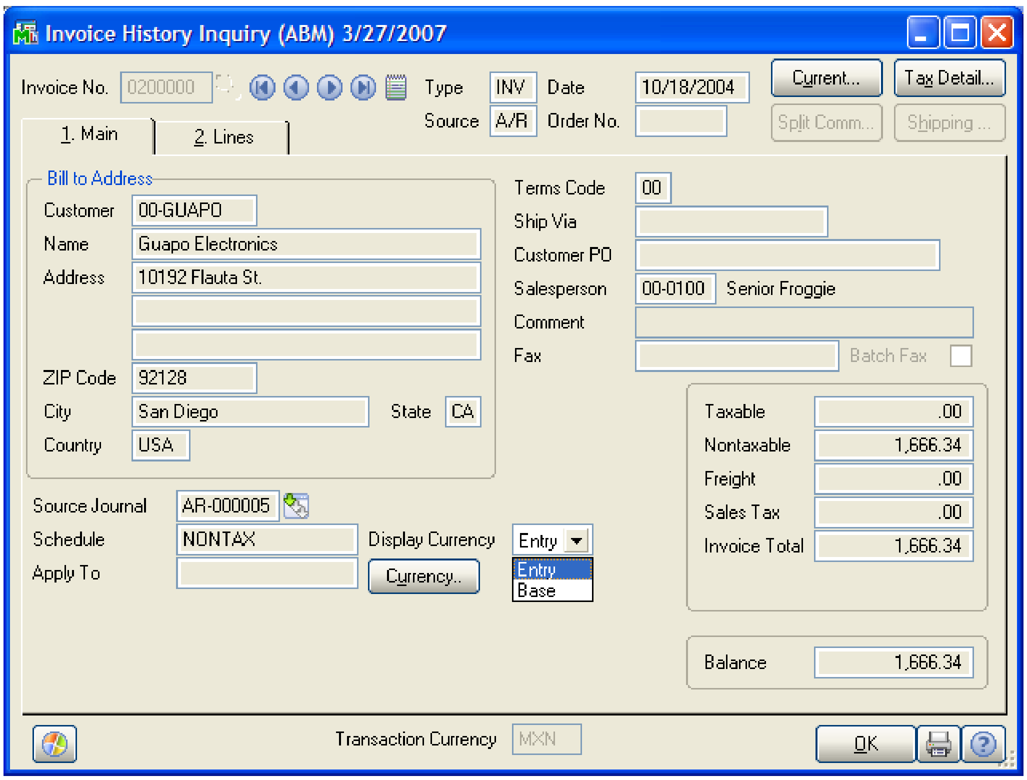


Invoice History Inquiry

The Invoice History Inquiry has been modified to allow display of information in both **Base Currency** and **Entry Currency.** The Header and Lines have been modified to include a **Display Currency Drop Box** to toggle display of these amounts.

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

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



Repetitive Invoice Entry

The Repetitive Invoice Header Panel has been modified to include a new **Currency Button**. Select this button to access the **Multi-Currency Settings** screen:

Transaction 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 **Transaction Currency** of the Repetitive Invoice. The Exchange Rate will be the Exchange Rate effective as of the Invoice Date (setup in the Multicurrency Options).

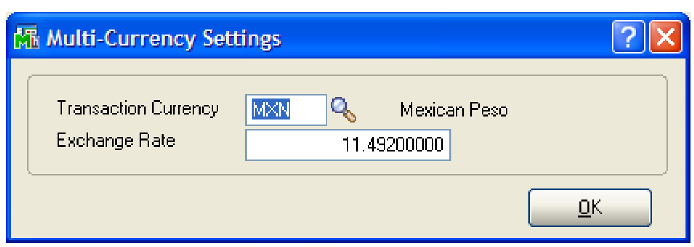
Invoice Data Entry

The Invoice Header Panel has been modified to include a new **Currency Button**. Select this button to access the **Multi-Currency Settings** screen:

Transaction Currency: Enter the Transaction 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 Multicurrency Options.

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

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



Exchange Rate: Enter the Exchange Rate for the invoice. The rate will default to the exchange rate 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 Multicurrency Options. This field will not be accessible if the **Allow Rate Change** flag is not checked for the Customer in Customer Maintenance.

Invoice Printing and Invoice History Reprint

These Form Printing programs have been modified to have additional currency fields available to print:

- ARMC_234_EntryCurrency – Entry Currency Code for each entry
- ARMC_234_StringRate – The Exchange Rate for each entry
- ARMC_234_CurrencyName – The name of the Entry Currency
- ARMC_234_CurrenySymbol – The Currency Symbol of the Entry Currency

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.

Sales Journal

The Sales Journal will be printed in **Transaction Currency**. If the system finds that a Transaction Currency other than the Base Currency has been entered then it will print the register in **Base Currency**.

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

Cash Receipts Entry

The Cash Receipts Entry program has been modified to allow the entry of Cash Receipts of 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 or override them with a new rate.

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.

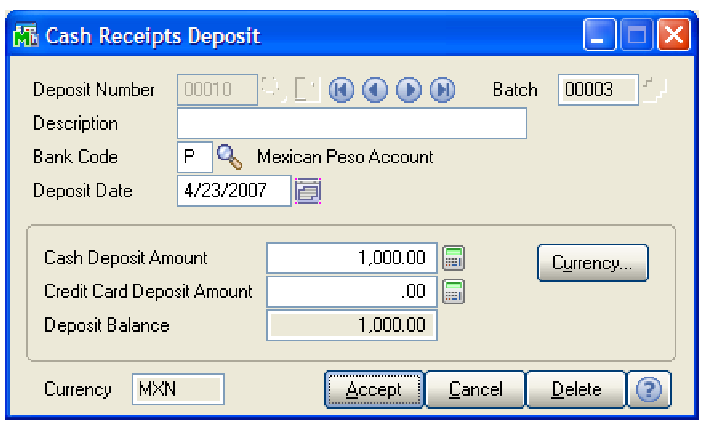
Invoice Currency: This is the Entry Currency of the Invoice being paid by the check.

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

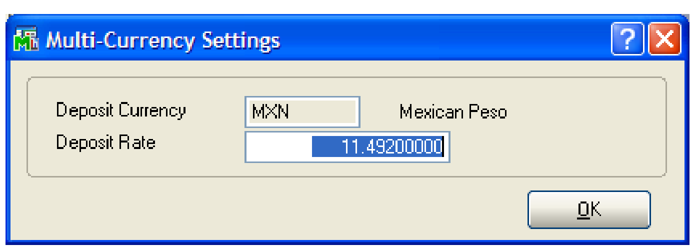
Check -> Base Rate: This is the Exchange Rate of the Check Currency in relation to the Base Currency.

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.

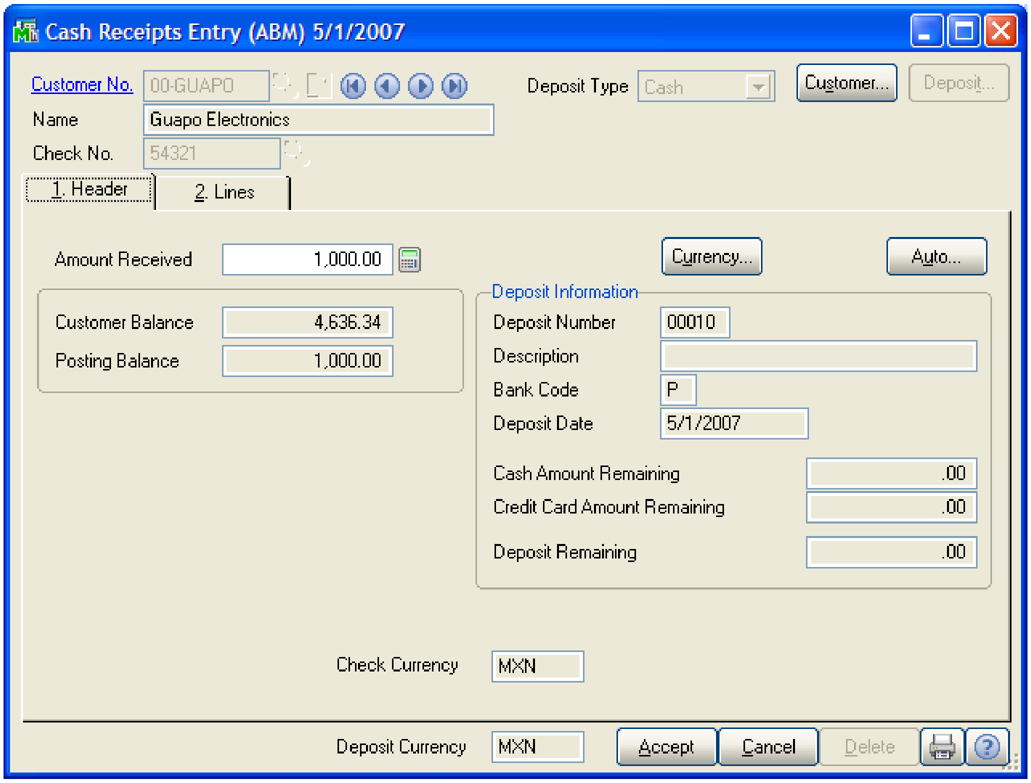
When a Bank Code is first entered in the **Cash Receipts Deposit screen**, the Bank Currency Code will be displayed at the bottom of the screen. Select the **Currency Button** to access the Multi-Currency Settings Panel to change the Deposit Rate if desired:



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:



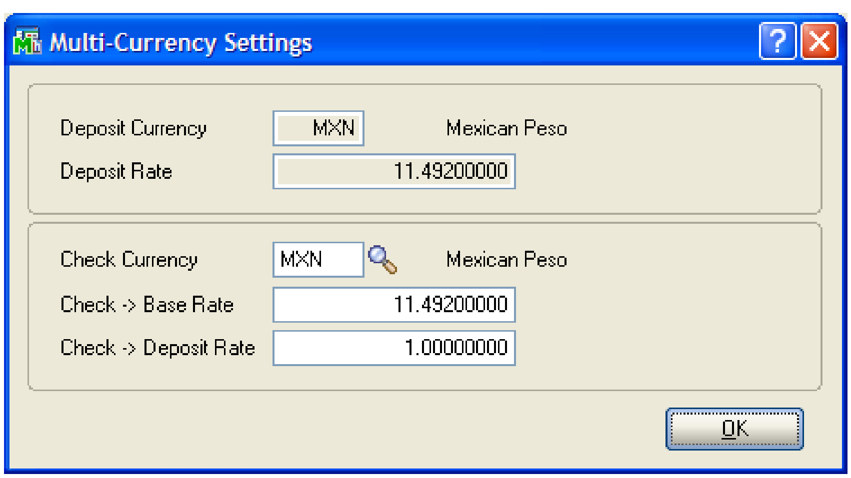
Select the **Currency Button** to access the **Check Currency** settings. The Check Currency, Check Rate, and Check-to-Deposit Rate can be changed if:

a) The **Amount Received** field on the Header Panel is set to zero, that is, no check amount has been entered yet, and

b) There are no invoice records created yet.

Therefore, you must change the Check Currency Code and Rates prior to entering in the check information.

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.

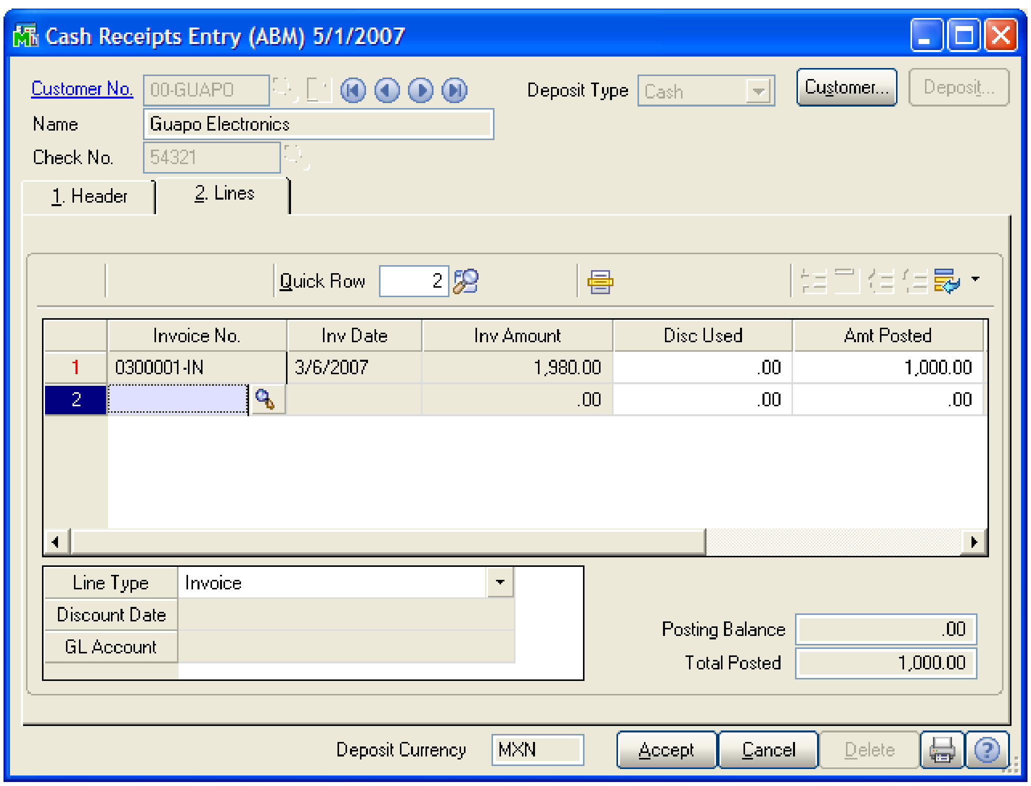


Check -> Base Rate: Enter an Exchange Rate to be used when converting amounts from the Check to the Base Currency. This field may not be changed once you enter an Invoice or G/L distribution line or if you are using a Customer Contract. The system will ask for the Supervisor Password if one was set up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

Cash Receipts Entry - Invoice Lines

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



Cash Receipts Journal

The Cash Receipts Journal will be printed in **Transaction Currency**. If the system finds that a Transaction Currency other than the Base Currency has been entered then it will print the register in **Base Currency**.

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

Cash Receipts Update

The Cash Receipts Journal Update has been modified to perform all the appropriate currency conversions. The 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.

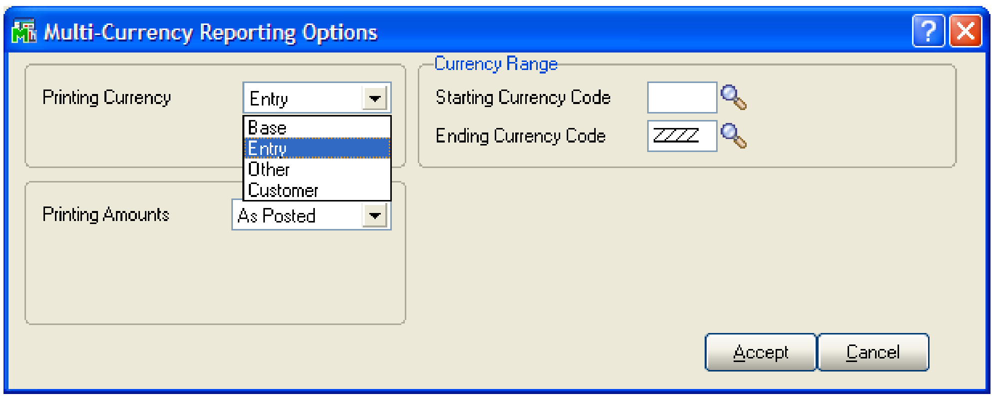
Cash Receipts – Credit Card Processing

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 and Exchange Rate to use. A new **Currency Button** has been added to the Report Panel, and when selected, the following screen will be displayed (This screen will vary slightly depending on the report being printed and the options entered):



Currency Range: Enter a range of Currencies for a specific group of transactions. Select the Lookup Button to list all Currencies on file. This field will be displayed only for reports that print amounts from individual transactions.

Printing Currency: Select **Entry** for Transaction Currency, **Base** for Base Currency, **Customer** for Customer Currency, **Other** for Other Currency, or **Rate Override** for Override Rate.

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. This field will be displayed only if you selected **Other** as the **Printing Currency**.

Override Date: Enter a date using the MMDDYY format 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**.

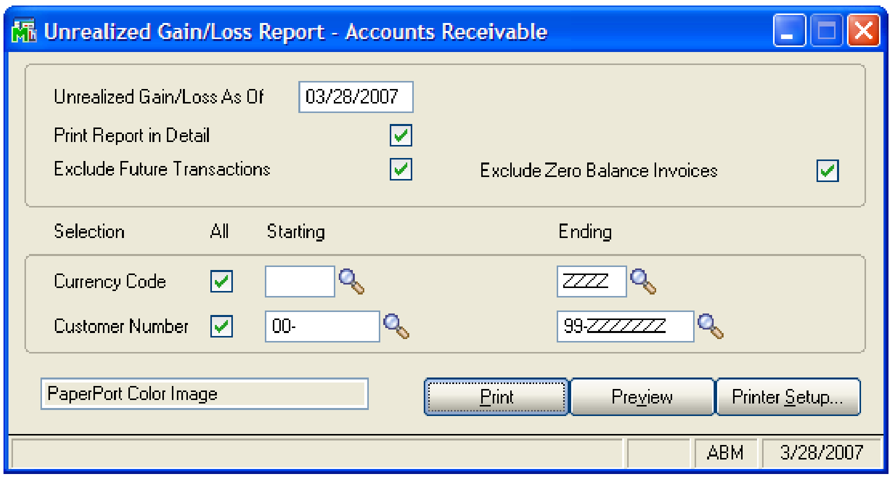
Rate Type: Select **AP/PO** Rate, **AR/SO** Rate, **GL Rate**, or **FASB52 Rate**. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

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**.

Unrealized Gain/Loss Report

The Unrealized Gain/Loss Report has been added to 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 enter the Gain/Loss amounts through a General Journal at the end of one month and reverse it at the beginning of the next. The Selection Screen for this new Report is displayed below:

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.

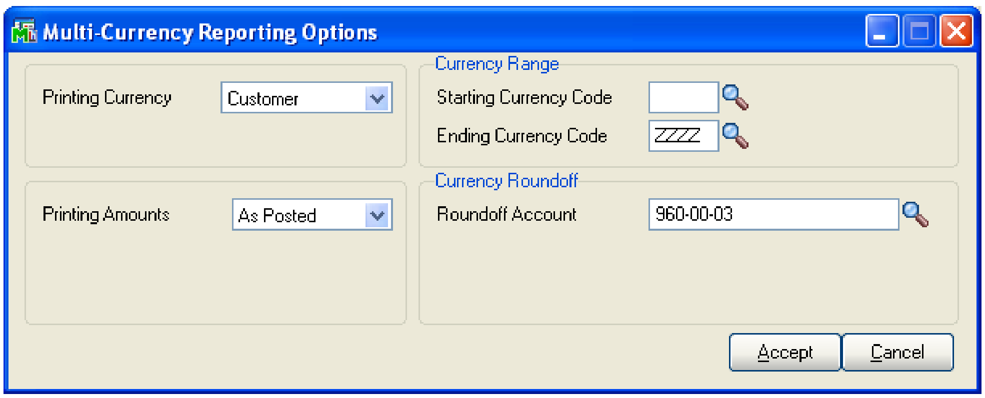
After making your selections a report similar to the following will be printed:

```
Run Date: 5/6/2007                                                                                    Page: 1
C/U Date: 5/6/2007                   UNREALIZED GAIN/LOSS REPORT - ACCOUNTS RECEIVABLE               Time: 10:09 PM
                                           PRINTED IN: DETAIL, AS OF: 05/06/07
                          ENTRY CURR SELECTED:      to ZZZZ - FUTURE TRANSACTIONS EXCLUDED

CUSTOMER/      INVOICE  INVOICE BAL    INVOICE BAL         ENTRY            CURRENT          GAIN/LOSS      GAIN/LOSS
INVOICE NO.     DATE    ENTRY CURR     SYSTEM CURR         RATE              RATE           ENTRY CURR     SYSTEM CURR

CURRENCY: CAD

00-MOOSE   Moosehead Distributors

  0200002-IN 10/18/2004      276.78         220.00          1.25810000       1.23830000          4.36           3.52
  0200005-IN 03/08/2007      293.39         233.20          1.25810000       1.23830000          4.62           3.73
                        -----------    -----------                                       -----------    -----------
 CUSTOMER MOOSE TOTALS:      570.17         453.20                                              8.98           7.25

02-JELLCO  Jellco Packing

  0200008-IN 03/08/2007      182.43         145.00          1.25810000       1.23830000          2.87           2.32
                        -----------    -----------                                       -----------    -----------
CUSTOMER JELLCO TOTALS:      182.43         145.00                                              2.87           2.32
                        -----------    -----------                                       -----------    -----------
   CURRENCY CAD TOTALS:      752.60         598.20                                             11.85           9.57
                        -----------    -----------                                       -----------    -----------
```

Section F: Period End Menu

Finance Charge Calculation

The Finance Charge Calculation program has been modified to allow 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.

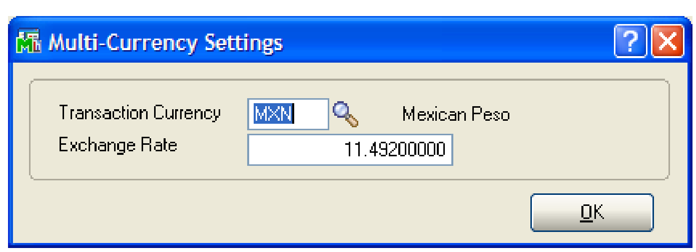
Default Entry Currency Range: Select a range of Default Entry Currencies. A **Lookup Button** is available to select a specific Currency Code.

Currency Roundoff Account: Select a G/L Account to be used for any Roundoff amount.

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.



Transaction Currency: Enter a Transaction 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.

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.

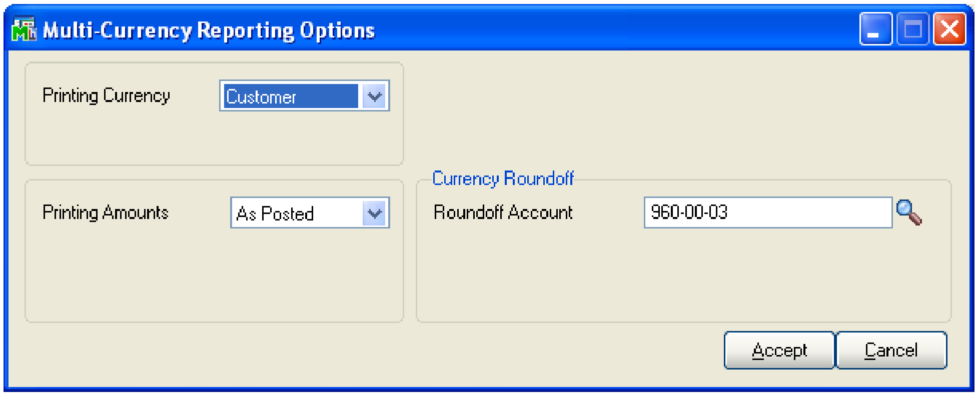
Finance Charge Journal / Update

The Finance Charge will be printed in **Transaction Currency**. If the system finds that a Transaction Currency other than the Base Currency has been entered then it will print the register in **Base Currency**.

The Finance Charge Journal Update has been modified to perform all the appropriate currency conversions. Round-off error amounts will be calculated and will post to the General Ledger Account defined in Division Maintenance.

Statement Printing

A new **Currency Button** has been added to the 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 using the MMDDYY format 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**.

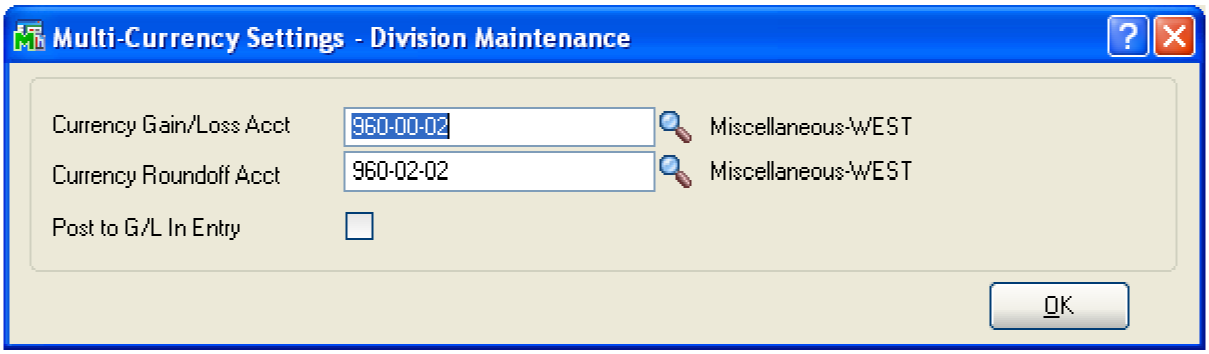
The following additional fields have been added to the Statement Printing Work file, and are available for printing:

- 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: Update Postings to the General Ledger

A checkbox has been added to A/R Division Maintenance called **Post to G/L in Entry**:



Selecting this checkbox changes the way currencies are posted to the General Ledger, specifically the Accounts Receivable Account, Discount Account, Cash Accounts, and Gain/Loss Account.

Important: *If you are upgrading from a prior version of Multi-Currency and you already have data in these accounts, then* ***DO NOT CHECK THIS BOX.***

When you check this box, all non-Base currency data is posted to the Accounts Receivable Account, Discount Account, Cash Accounts in **Entry Currency instead of Base Currency** and the difference is posted to the **Gain/Loss Account.**

The following sections describe the way this new checkbox works:

Invoice Update

There are now two ways to post to the General Ledger from the Invoice Update:

"Post to G/L in Entry" is unchecked

In this scenario, the Sales accounts and the A/R accounts are posted in Base Currency. For example:

Currency: Non-Base
Exchange Rate: 3.0
Entry Amount: $300

Posting:	DB	A/R	$100	
	CR	Sales		$100

"Post to G/L in Entry" is checked

In this scenario, the Sales accounts are posted in Base Currency, the A/R Account is posted in Entry Currency and the difference is posted to Gain/Loss. Using the same example:

Posting:	DB	A/R	$300	
	CR	Gain/Loss		$200
	CR	Sales		$100

Cash Receipts Update

There are now two ways to post to the General Ledger from the Cash Receipts update program:

"Post to G/L in Entry" is unchecked

In this scenario:

a. The Cash Account is posted in Base Currency using the Deposit Rate,
b. The A/R account is posted in Base Currency using the original Invoice Rate,
c. The difference is posted to the Gain/Loss account

Using the same example as above, a check is cut for the full amount but the exchange rate has changed from 3.0 to 2.0:

Currency:	Non-Base
Exchange Rate:	2.0
Check Amount:	$300

Posting:	DB	Cash	$150	
	CR	Gain/Loss		$50
	CR	A/R		$100

"Post to G/L in Entry" is checked

In this scenario:

a. The Cash Account is posted in Entry Currency,
b. The A/R account is posted in Entry Currency,
c. There is no Gain/Loss. The exchange rate is completely ignored.

Using the same example:

Posting:	DB	Cash	$300	
	CR	A/R		$300

Why Post to the General Ledger in Entry?

This new 3.50 feature has been added at the request of some Canadian end-users. If you plan on using this new feature, then you must follow some guidelines:

1. Use multiple divisions.
2. Each division will represent a currency. For example, Division 01 will be U.S. Dollars, Division 02 will be Canadian Dollars, etc.
3. The division accounts must be different between divisions.
4. The bank currencies will have different cash accounts.
5. You will always collect payment in the currency of the invoice.
6. You must **never** check or uncheck the "Post to G/L in Entry" checkbox if data already exists in the Division or Cash accounts.

The benefits of this new feature are:

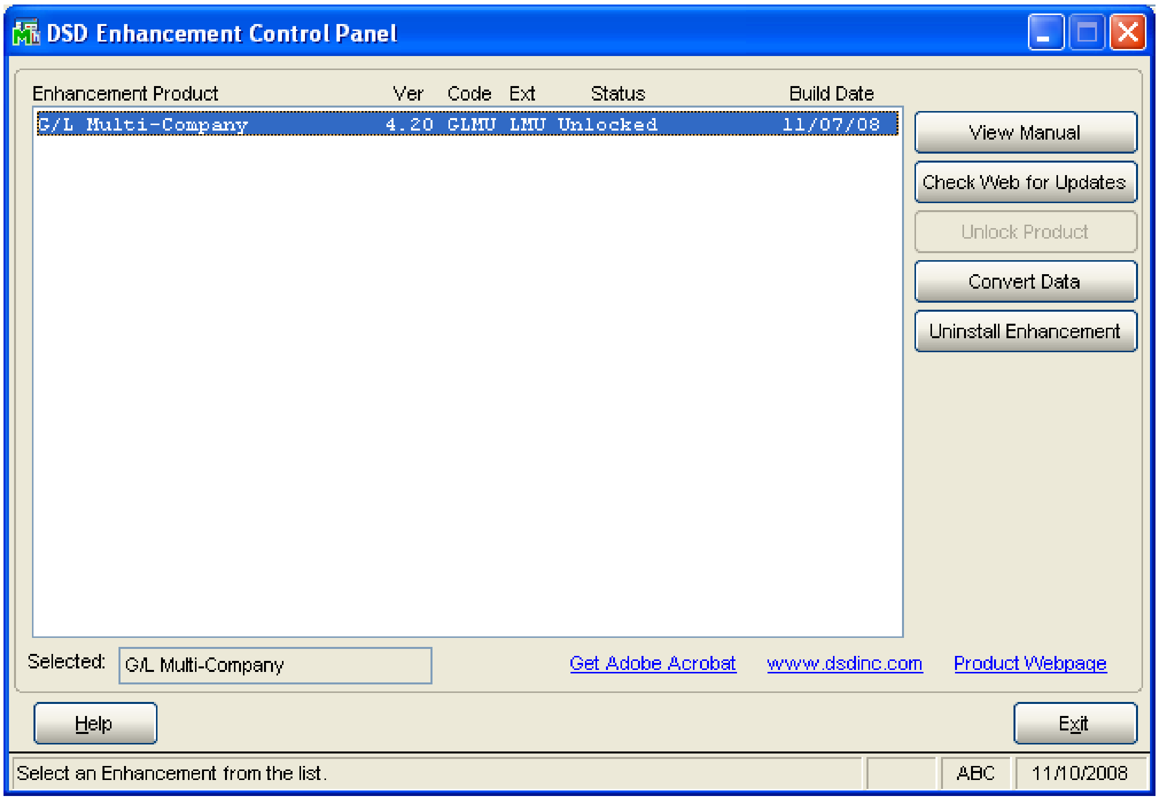
1. The Financial Statements will display Current Asset accounts in Entry Currency.
2. Easier reconciliation between General Ledger and Bank Reconciliation.

The drawbacks of this feature are:

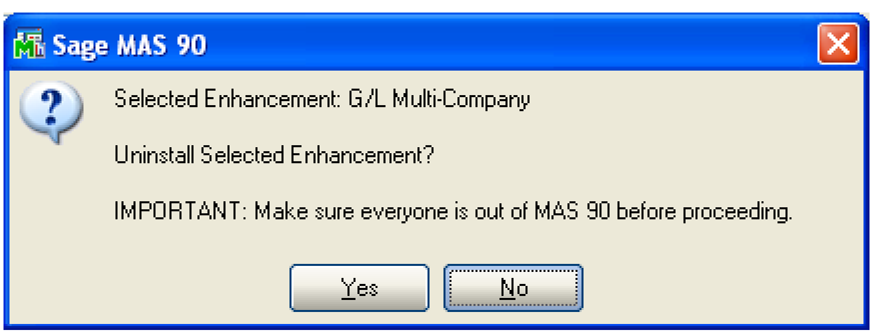
1. True Gain and Loss on Exchange Rate is never realized.
2. This feature is not FASB-52 compliant.

Section H: 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.

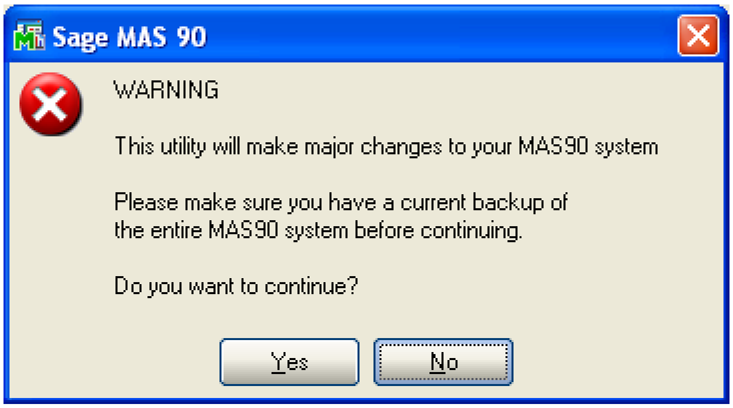


When accessing the **DSD Utility Suite**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



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

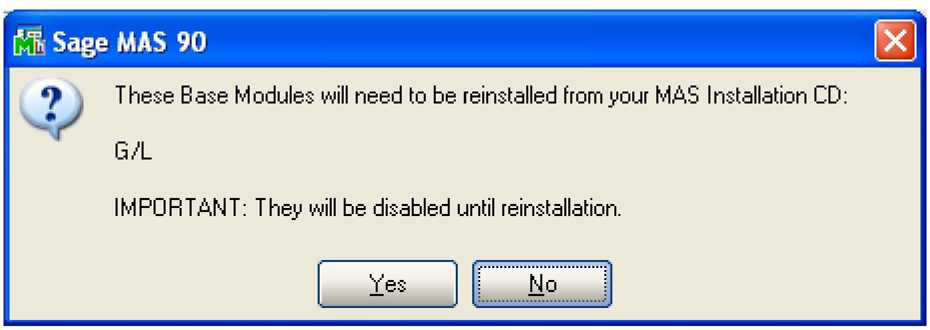
The following message box will appear, to remind you that a complete backup of your entire MAS90 system should be completed prior to uninstalling a DSD product.



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 MAS Service Packs / Updates, if applicable.

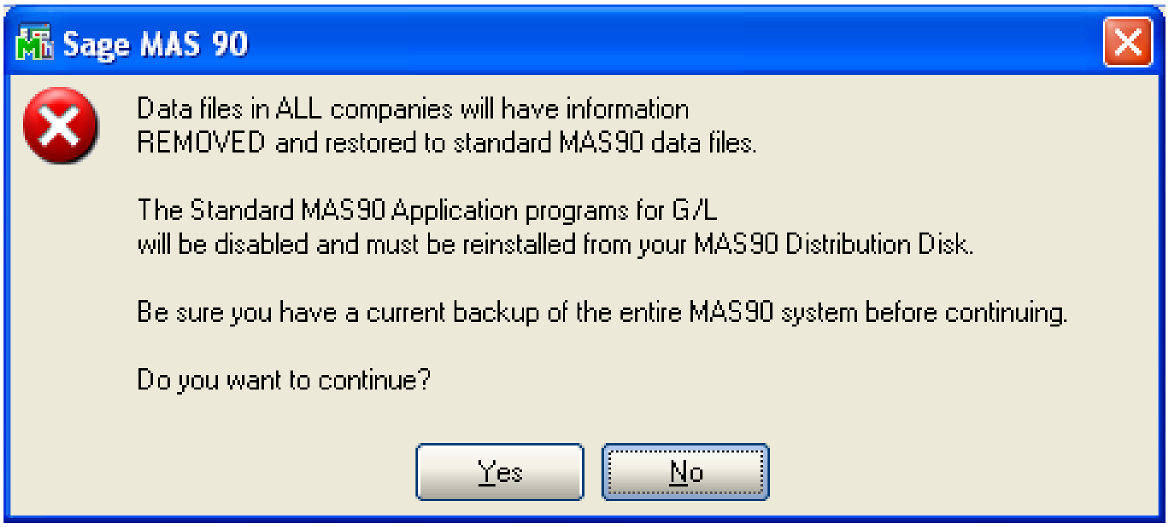
The following message box will appear, and will display which of those specific Sage 100 modules you must reinstall afterwards.



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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Subject:	Check One:	☐Product Problem ☐Suggestions		
Product:	*ARMC Accounts Receivable Multi-Currency*		Version:	*5.40*

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