



# **DSD Business Systems**

Sage 100 Enhancements

**APMV**

**Accounts Payable Master Vendor**

Version 5.40



Information in this document is subject to change without notice.

Copyright 1993-2017, DSD Business Systems All rights reserved.

Accounts Payable Master Vendor User's Manual  
Version 5.40

30 January, 2017

DSD Business Systems  
8787 Complex Drive  
Suite 400  
San Diego, CA 92123  
858/550-5900 8:00am to 5:00pm PST  
858/550-4900 Fax

### Trademarks

**ProvideX®** is a Trademark of Sage Software.

**Windows** is a trademark of Microsoft Corporation.

**Sage 100®** is a registered trademark of Sage Software.

**PXPlus®** is a registered trademark of PVX Plus technologies

All other product names and brand names are service marks, and/or trademarks or registered trademarks of their respective companies.

This documentation and the software described herein, is prepared and published under license. Sage Software has not tested or verified either the software or any representation in this documentation regarding the software. Sage Software does not make any warranty with respect to either this documentation or the software described herein, and specifically disclaims any warranty, express or implied, with respect hereto, including the warranties of fitness for a particular purpose and merchantability.



---

## Table of Contents

---

<b>SECTION A: INTRODUCTION</b>	<b>5</b>
WEB RESOURCES .....	5
SUPPORT .....	5
ACCOUNTS PAYABLE MASTER VENDOR FEATURES.....	6
REPORTS .....	6
<b>SECTION B: GETTING STARTED</b>	<b>7</b>
REQUIRED LEVELS .....	7
INSTALLATION .....	7
DSD ENHANCEMENT CONTROL PANEL.....	9
<b>SECTION C: SETUP</b>	<b>11</b>
<b>SECTION D: SYSTEM OPERATIONS</b>	<b>12</b>
MANUAL CHECK ENTRY.....	12
INVOICE PAYMENT SELECTION .....	13
CHECK MAINTENANCE .....	14
CHECK PRINTING .....	14
CHECK REGISTER .....	15
VENDOR MAINTENANCE & INQUIRY .....	16
<b>SECTION E: UNINSTALL DSD ENHANCEMENTS</b>	<b>17</b>

## 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*

APMV Accounts Payable Master Vendor:

<http://www.dsdinc.com/enhancement/ap-master-vendor-2/>

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.

### **Accounts Payable Master Vendor Features**

The A/P Master Vendor enhancement allows single check payment to a single Master Vendor for invoices from that Master Vendor and its affiliates (Sub-Vendors). A new field has been added to Vendor Maintenance called Master Vendor. This field is left blank for Master Vendors. For Sub-Vendors, this field contains the Vendor Number of the Master Vendor (parent company).

When paying invoices, whether by Manual Check or Check Data Entry, invoices for a Master Vendor's Sub-Vendors can be selected, as well as invoices for the Master Vendor itself. The <F2> List Mode selection lists have been amended to include the Sub-Vendor numbers when invoices are being selected.

Check forms have been enhanced so that it is possible to print Sub-Vendor numbers on checks.

### **Reports**

The following reports have been created or modified:

- ◆ Second Check Register, sorted by Sub-Vendor, has been added that prints after the Check Register is printed.
- ◆ The Check Register & Manual Check Register have been modified to show Sub-Vendors.
- ◆ The A/P Trial Balance report has been modified to include the Master Vendor field for each Master Vendor check.
- ◆ Check forms have been modified to include the Sub-Vendor field.
- ◆ The Invoice Payment Selection Register has been modified to show Sub-Vendors.

## 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/P	Y	5.40
P/O	N	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.

- Convert Data:** After unlocking, the DSD Conversion Wizard 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.

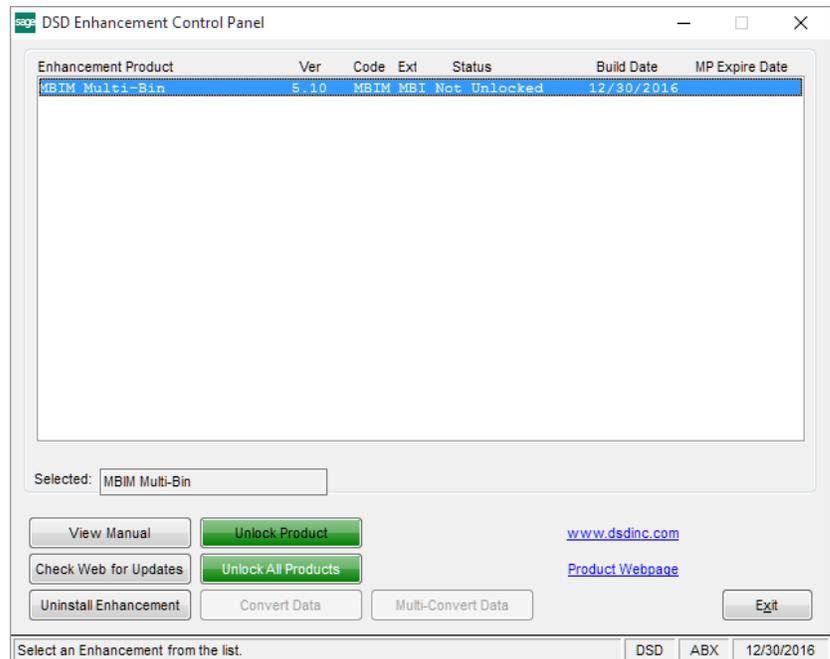
**View Manual:** This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not present, and the system has web access, the correct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

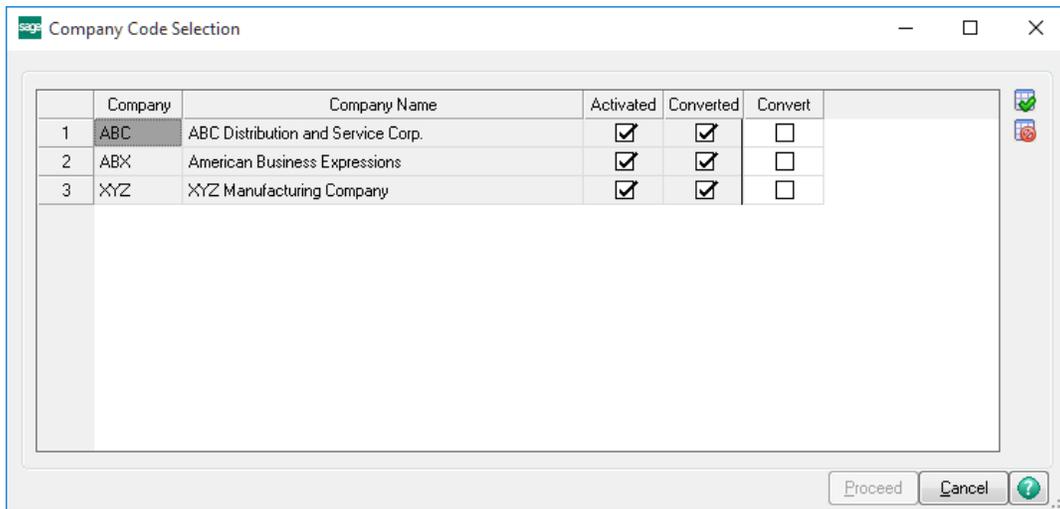
**Unlock Product:** This will cause the DSD Enhancement License Agreement and Activation window to appear. Using this window is described on the previous page. *This button is disabled if the selected Enhancement is already unlocked or if unlocking is not required.*

**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

In the system used by A/P Master Vendor, some vendors are designated as Master Vendors and some vendors as Sub-Vendors. Both types of vendors are normal A/P Vendors that require standard Sage 100 A/P setup.

Master Vendors do not require any additional setup, only Sub-Vendors require set-up.

If you're installing this product on a system with pre-existing vendors and open invoices, you **must** set-up all of the sub-vendors, **then** run the A/P Sort File Rebuild to rebuild the Master Vendor number into the current Sub-Vendors invoices.

In Vendor Maintenance and Inquiry, a Master Vendor field has been added. For Sub-Vendor's, enter the Vendor Number of the Master Vendor for the Sub-Vendor.

For Master Vendors, this field is left blank.

Vendor Maintenance (ABC) 8/13/2010

Vendor No. 01-AIRWAY

Name Airway Property

1. Main | 2. Additional | 3. Statistics | 4. Summary | 5. History | 6. Invoices | 7. Transactions | 8. Checks | 9. P/Os

Address: 7888 Saddlebush Trail  
Bank Building  
Suite 1008

ZIP Code: 92669-0001

City: Orange State: CA

Country: USA United States of America

Primary Contact: LEO HENRY Leo Henry

Telephone: (714) 555-0980 Ext: 5852

Fax: (714) 555-0900

Terms Code: 03 NET END OF MO NT

Reference:

Temporary Vendor:

Credit Card Vendor:

Hold Payment:

Exemption No. on File:

Tax Schedule:

E-mail Address: lhenry@bestsoftwareinc.com

URL Address: www.bestsoftwareinc.com

Paperless...

Master Vendor No. 01-MSTRB

Accept Cancel Delete

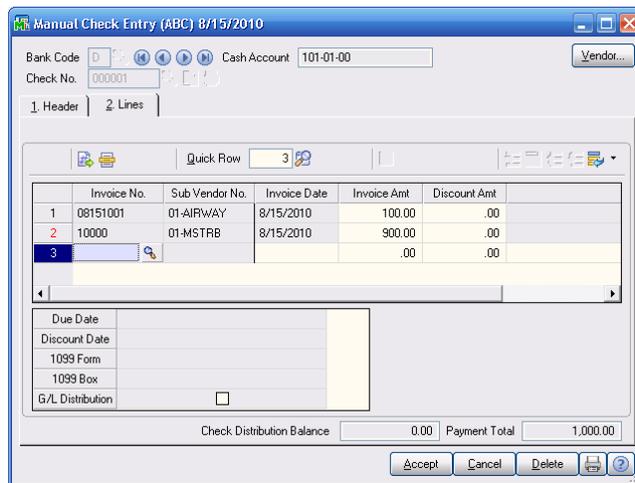
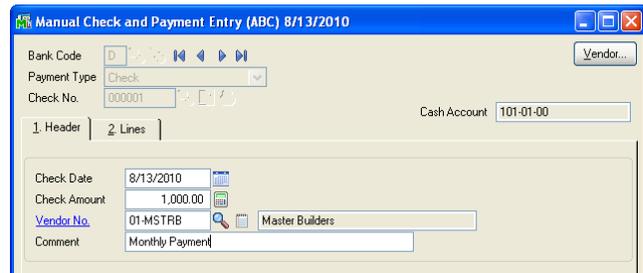
## Section D: System Operations

After Master and Sub Vendors have been set-up, the primary way that operation is affected is in paying invoices and related operations. Invoice data entry and printing is not affected.

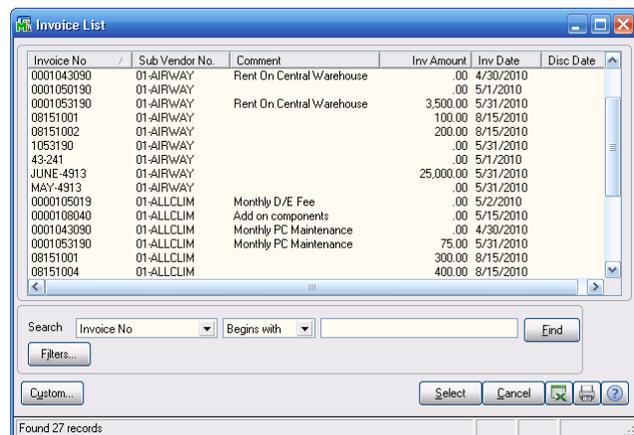
### Manual Check Entry

When paying invoices for a Master Vendor, invoices can be selected for that Master Vendor's Sub-Vendors, as well as the Master Vendor.

A Sub-Vendor field (display only) has been added to the main grid on the **2. Lines** tab. Operation is similar to standard Sage 100 A/P Manual Check Entry, however, invoices from Sub-Vendors can be selected.

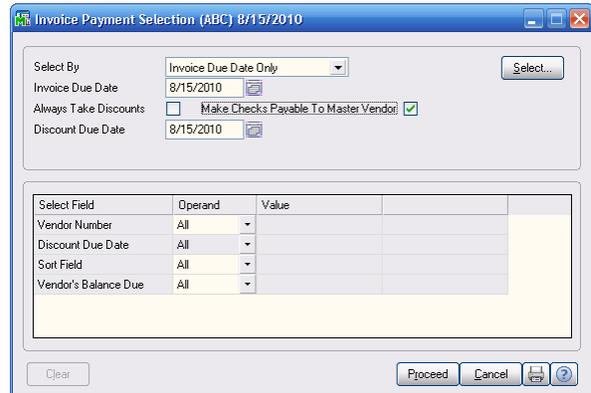


Sub-Vendor invoices appear in <F2> List Mode Invoice List, as shown to the right. A Sub-Vendor field has been added to the Invoice List.

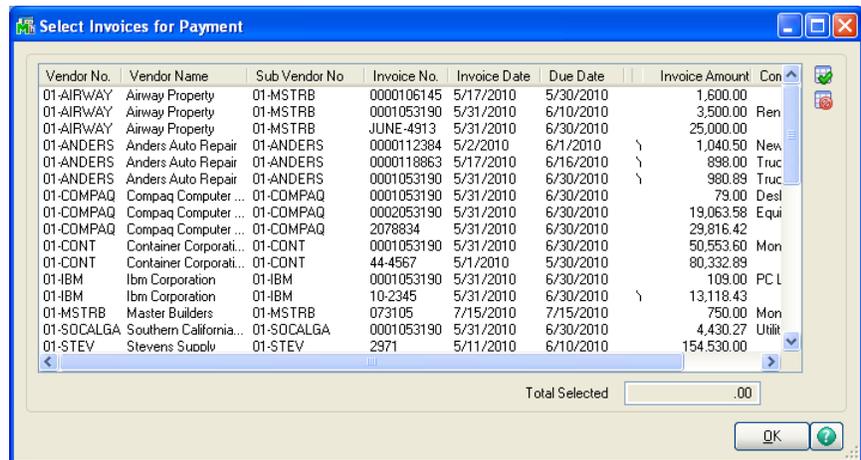


**Invoice Payment Selection**

Invoice Payment Selection has been modified to allow checks to be made payable to the Master Vendor for Sub-Vendors. As shown on the screen image on the right, a new check box has been added to the Invoice Payment Selection window called **Make Checks Payable to Master Vendor**. When checked, checks paying invoices of Sub-Vendors will be made out to the Master Vendor.



The Sub-Vendor's Master Vendor number (if applicable) will be displayed for the available invoices in the Sub Vendor No column if the Select button is pushed.

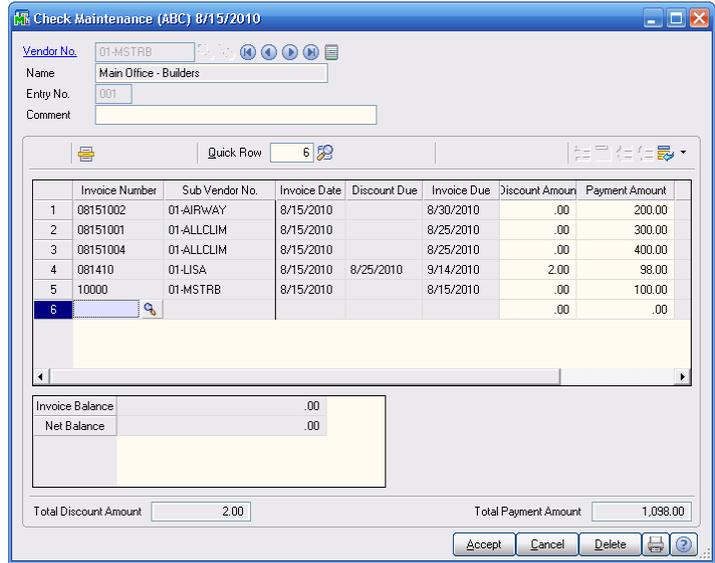


And the Invoice Payment Selection Listing will list the Sub-Vendor name for all invoices selected to be paid by the Master Vendor.

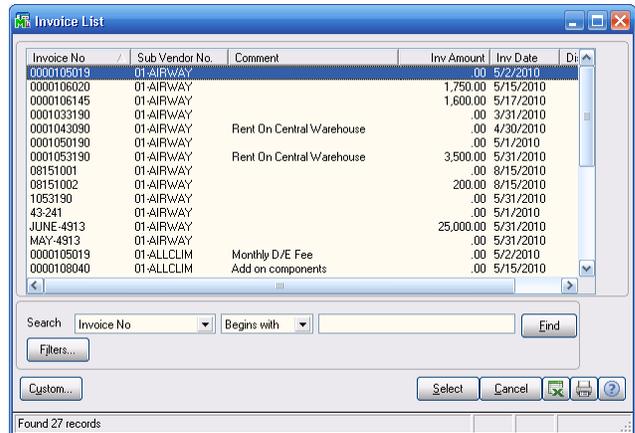
Invoice Payment Selection Listing							ABC Distribution and Service Corp. (ABC)	
Division Number: 01 TRADE ACCOUNTS PAYABLE								
Vendor Number/ Invoice Number	Dates			Invoice Amount	Discount Applied	Net Amount		
	Invoice	Due	Discount					
MSTRB Main Office - Builders								
Check Entry Number: 001								
08151002	8/15/2010	8/30/2010		200.00	0.00	200.00		
Sub-Vendor No.	01-AIRWAY							
08151001	8/15/2010	8/25/2010		300.00	0.00	300.00		
Sub-Vendor No.	01-ALLCLIM							
08151004	8/15/2010	8/25/2010		400.00	0.00	400.00		
Sub-Vendor No.	01-ALLCLIM							
081410	8/15/2010	9/14/2010	8/25/2010	100.00	2.00	98.00		
Sub-Vendor No.	01-LISA							
10000	8/15/2010	8/15/2010		100.00	0.00	100.00		
	<b>Check Entry 001 Totals:</b>			1,100.00	2.00	1,098.00		
	<b>Vendor MSTRB Totals:</b>			1,100.00	2.00	1,098.00		
	<b>Division 01 Totals:</b>			1,100.00	2.00	1,098.00		
	<b>Report Totals:</b>			1,100.00	2.00	1,098.00		

**Check Maintenance**

Check Maintenance has been modified to include the **Sub-Vendor No.** (display only) on the main grid. This field appears to the right of the Invoice Number field, as shown on the right.

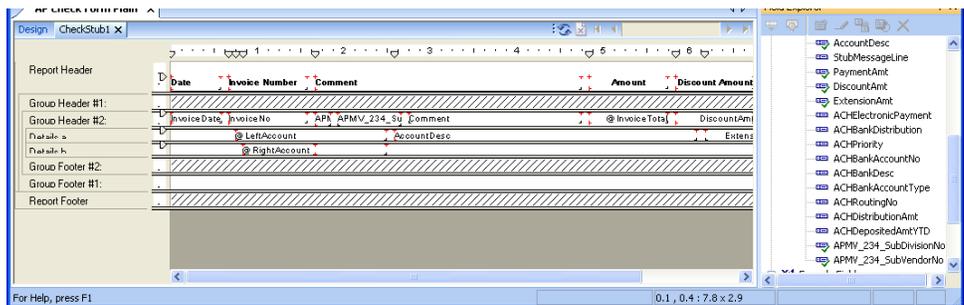


When selecting an invoice, for the **Invoice No.** field, the invoice list can be used. It has been modified to include a Sub-Vendor column (as shown on the right).



**Check Printing**

Two fields, called **SubDivisionNo** and **SubVendorNo** have been added to the Crystal check forms for the Check Stubs (they should appear at the bottom of the list of fields).



These fields can be used to print the Sub-Vendor number on the check stubs.

Date	Invoice Number	Sub-Vendor	Comment	Amount	Discount Amount	Net Amount
8/15/2010	08151002	01 AIRWAY		200.00	0.00	200.00
8/15/2010	08151001	01 ALLCLIM		300.00	0.00	300.00
8/15/2010	08151004	01 ALLCLIM		400.00	0.00	400.00
8/15/2010	081410	01 LISA		100.00	2.00	98.00
8/15/2010	10000	01 MSTRB		100.00	0.00	100.00

**Check Register**

The standard Check Register has been changed to print the Sub-Vendor Number and Name.

**Check Register**  
**Journal Posting Date: 8/23/2010**  
**Register Number: CD-000005**

**ABC Distribution and Service Corp. (ABC)**

Bank Code: D - Wells Fargo Checking

Division Number: 01 TRADE ACCOUNTS PAYABLE

Check Number	Check Date	Vendor	Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount
000011	8/23/2010	MSTRB	Master Builders				
			0000108145	5/17/2010	1,600.00	0.00	1,600.00
			Sub-Vendor No: 01-AIRWAY				
			0001053190	5/31/2010	3,500.00	0.00	3,500.00
			Sub-Vendor No: 01-AIRWAY				
			Invoice Comment: Rent On Central Warehouse				
			073105	7/15/2010	750.00	0.00	750.00
			Invoice Comment: Monthly Serv Agmt				
			G/L Account 540-00-03				100.00
			G/L Account 540-10-03				200.00
			G/L Account 540-20-03				150.00
			G/L Account 540-30-03				200.00
			G/L Account 540-40-03				100.00
			1	5/31/2010	1.00	0.00	1.00
			Sub-Vendor No: 02-AIRTRAV				
			1	5/31/2010	100.00	0.00	100.00
			Sub-Vendor No: 02-AMERLAR				
			Check 000011 Total:		5,951.00	0.00	5,951.00
			Division 01 Total:		5,951.00	0.00	5,951.00
			Report Total:		5,951.00	0.00	5,951.00

After the standard Check Register is printed, A/P Master Vendor will prompt whether to print the register sorted by Sub-Vendor.



If **Yes** is selected, the check register sorted by Sub-Vendor will be printed.

**Accounts Payable Check Register - Sorted By Sub-Vendor**  
**Journal Posting Date: 8/23/2010**  
**Register Number: CD-000005**

**ABC Distribution and Service Corp. (ABC)**

Bank Code: D - Wells Fargo Checking

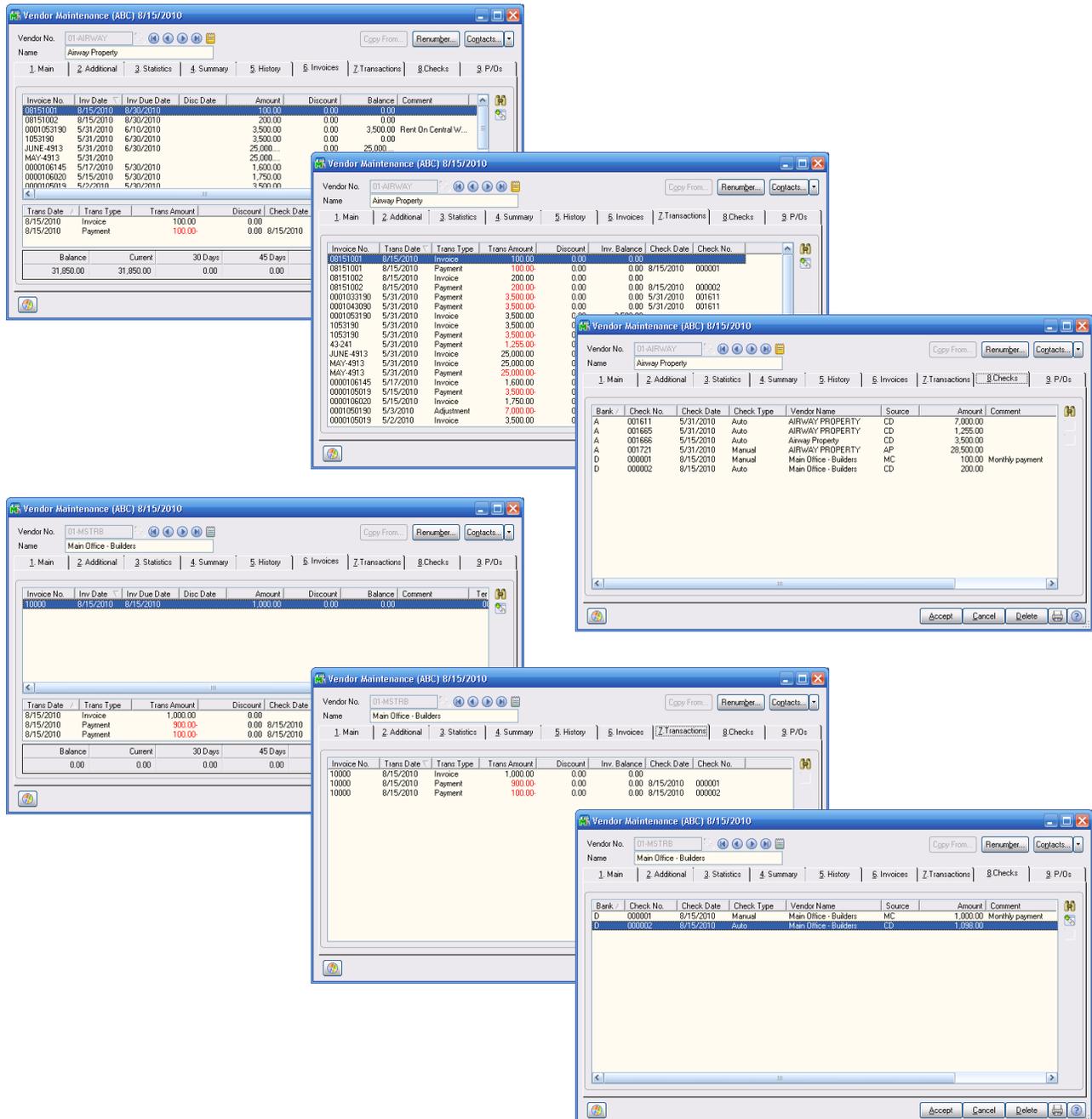
Division Number: 01 TRADE ACCOUNTS PAYABLE

Check Number	Check Date	Vendor	Invoice Number	Invoice Date	Invoice Amount	Discount Applied	Payment Amount
Sub-Vendor: 01-AIRWAY							
000011	8/23/2010	MSTRB	Master Builders				
			0000108145	5/17/2010	1,600.00	0.00	1,600.00
			0001053190	5/31/2010	3,500.00	0.00	3,500.00
			Invoice Comment: Rent On Central Warehouse				
			Check 000011 Total:		5,100.00	0.00	5,100.00
			Sub-Vendor 01-AIRWAY Total:		1,600.00	0.00	1,600.00
Sub-Vendor: 01-MSTRB							
000011	8/23/2010	MSTRB	Master Builders				
			073105	7/15/2010	750.00	0.00	750.00
			Invoice Comment: Monthly Serv Agmt				
			G/L Account 540-00-03				100.00
			G/L Account 540-10-03				200.00
			G/L Account 540-20-03				150.00
			G/L Account 540-30-03				200.00
			G/L Account 540-40-03				100.00
			Sub-Vendor 01-MSTRB Total:		750.00	0.00	750.00
			Division 01 Total:		750.00	0.00	750.00
Sub-Vendor: 02-AIRTRAV							
000011	8/23/2010	MSTRB	Master Builders				
			1	5/31/2010	1.00	0.00	1.00
			Sub-Vendor 02-AIRTRAV Total:		1.00	0.00	1.00
Sub-Vendor: 02-AMERLAR							
000011	8/23/2010	MSTRB	Master Builders				
			1	5/31/2010	100.00	0.00	100.00
			Sub-Vendor 02-AMERLAR Total:		100.00	0.00	100.00
			Division 01 Total:		100.00	0.00	100.00
			Report Total:		5,951.00	0.00	5,951.00

**Vendor Maintenance & Inquiry**

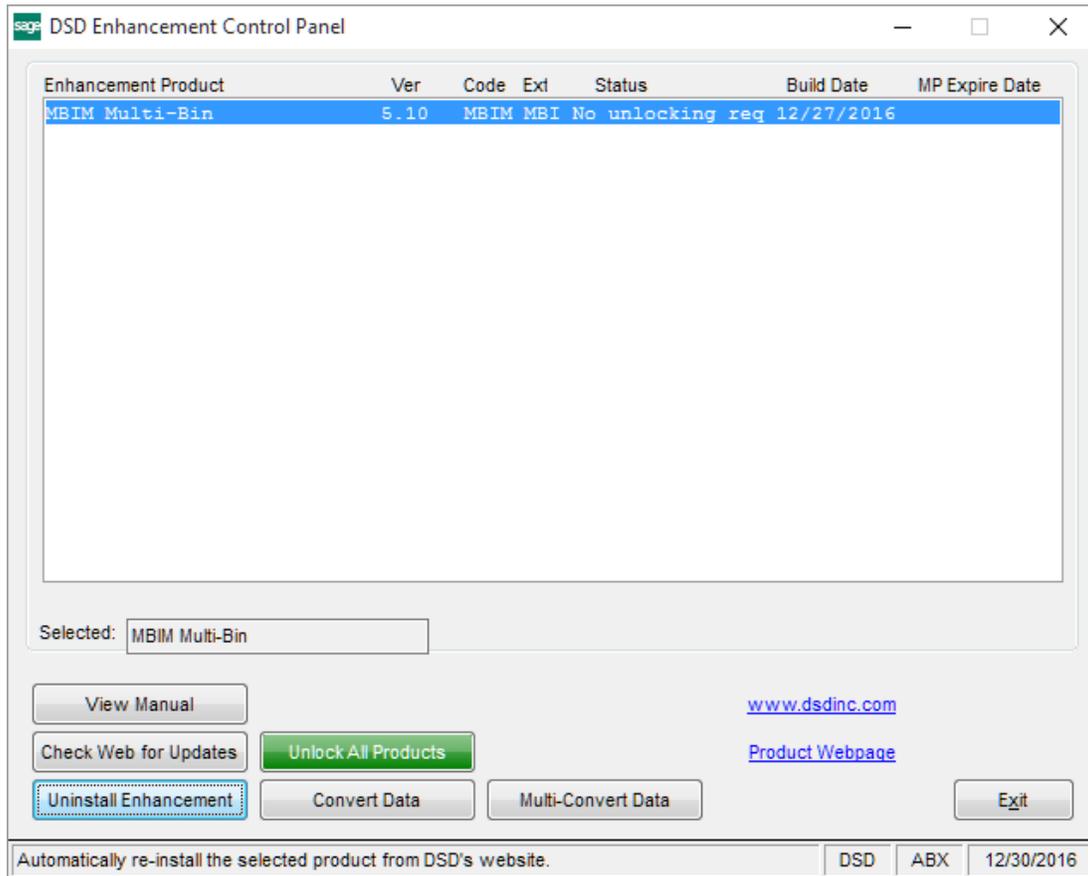
The **6.Invoice**, **7.Transactions** & **8.Checks** tabs have been modified to include display of checks generated for both the **Master Vendor and Sub-Vendor**. The Check Amount for the Sub-Vendor will be equal to the Total of that Sub-Vendor's invoices paid on that check. Check Entry Update and Manual Check Update posts check payments for *both* the Master Vendor and the Sub-Vendor.

Starting with version 4.20, the user now has the capability to drill down on all checks under the Master & Sub-Vendors. On the Checks tab, the Vendor Name will display the Master Vendor name for checks paid to Sub-Vendors.

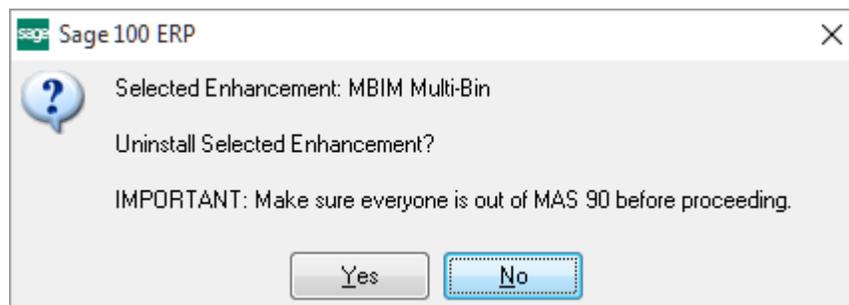


## Section E: Uninstall DSD Enhancements

A DSD Enhancements Uninstall Utility has been provided for the purposes of removing DSD Enhancements from your Sage 100 System. This utility may be accessed from the **DSD Enhancement Control Panel** menu option on the **Library Master / Utilities** menu.

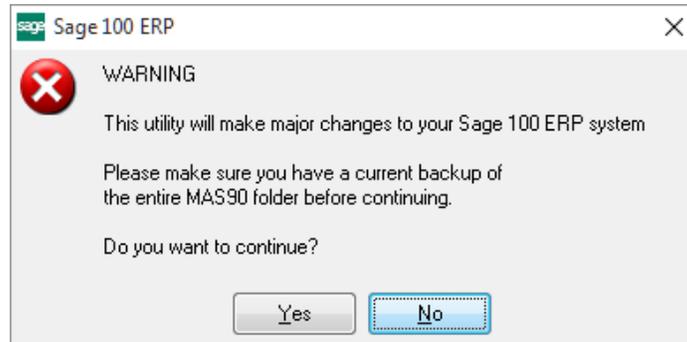


When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



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

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



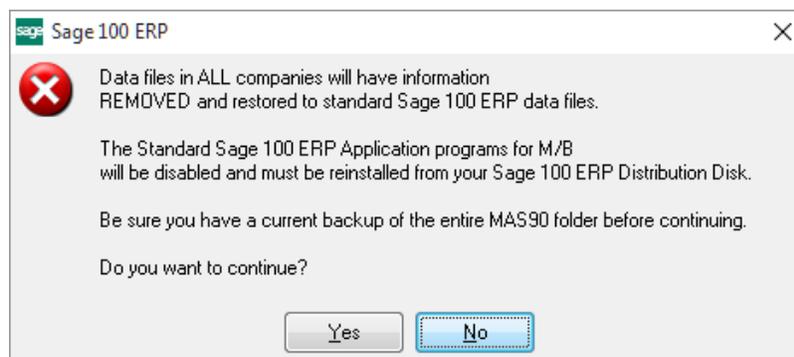
Select **No** to exit the Uninstall Process.  
Select **Yes** to continue with the Uninstall Process.

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

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

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

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



Select **No** to exit the Uninstall Process.  
Select **Yes** to continue with the Uninstall Process. At this point, the DSD Enhancement will be removed from the Sage 100 system.

After completion of the Uninstall, the following message box will appear. Select OK to continue.



Now that the Uninstall process is completed, you must:

- Reinstall the applicable standard Sage 100 modules
- Reinstall the latest Sage 100 Service Pack/Updates, if applicable.
- Reinstall any other DSD Enhancements or Developer products that are affected from the reinstallation of the standard Sage 100 module(s).