

DSD Business Systems

Sage 100 Enhancements

SOMS

MAS*Ship

Version 5.30





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MAS*Ship User's Manual Version 5.30

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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.

Web Resources

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

The Enhancement page contains:

Current Release Schedule Purchasing Information Installation Instructions Product Support Enhancement Links

SOMS MAS*Ship:

http://www.dsdinc.com/enh/pages/SOMS.htm

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 remotely or by some other to duplicate the system.

MAS*Ship Features

MAS*Ship is a link for the Sales Order Module to integrate Sage 100 with UPS Worldship® or FedEx ShipManager® applications. Reduce shipping errors and know exactly when your orders have shipped. MAS*Ship provides a significant savings in data entry time.

KEY FEATURES

Easy to Use and Easy to Learn

Because you are still using the same program (UPS Worldship or FedEx Ship Manager) there are no new programs your warehouse users need to learn. However, with MAS*Ship UPS Worldship and FedEx Ship Manager can now integrate with Sage 100

Increased Accuracy

Connecting Sage 100 with UPS Worldship and FedEx Ship Manager will reduce data entry mistakes, increase shipping and invoicing efficiency and provide accurate up-to-date shipping information in MAS 90. Example in UPS Worldship, if an address is incorrect, UPS Worldship will automatically correct it and now with the MAS*Ship that address correction will also flow automatically thru to Sage 100 along with tracking numbers freight dollars and weight (freight dollars is an optional setting and not required).

Increased Efficiency

Instead of accounting re-entering information received from shipping, accounting now will just need to review the shipment batch, make corrections and print invoices. No more trying to decipher the cryptic notes and marks from shipping because now it is all kept in electronically in Sage 100 along with who processed the shipment.

Section B: Getting Started



 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	Required
Module	Required	Level
S/0	Y	5.30

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.

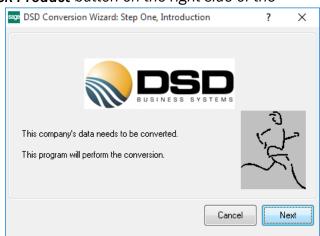
> Creating a Demo Unlock is a good way to temporarily unlock DSD Enhancements off-hours, if you do not have web or email access. Later, you can unlock the product fully, during business hours.

License Agreeme	ent					1
) THIS AGREEMENT (NG THE SLIDER CON	COMPLETELY AND AGREE BEFORE PROCEEDING. TROL.	SCROLL THRO	DUGH TH	lis	Ì
IN ACCORDANCE PACKAGE CONS [®] THE CUSTOMER I	WITH THE TERMS SI TITUTES ACCEPTANC MAY OBTAIN A FULL	ENSED BY DSD BUSINESS SYSTEMS, INC. TO CUS ET FORTH IS THIS CUSTOMER LICENSE AGREEME 26 OF THESE TERMS. IF THE TERMS OF THIS LICE REFUND OF ANY MONEY PAID IF THIS UNUSED, I 30 THE DEALER FROM WHICH IT WAS ACQUIRED.	NT. OPENING (NSE ARE NOT	OR USIN	g THIS TABLE,	,
Agree to Lic	ense Agreement	2 Call DSD at 858-550-5900				
Agree	O Disagree	Have this infomation ready: End User Name	DSD Busine	ss Syste	ems	
Agree Select Unloc	O Disagree	•	DSD Busine 0555188	ss Syste	ems	
2 Select Unloc	O Disagree	Have this infomation ready: End User Name		ss Syste	ems	

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 <u>DSD Enhancement Control Panel</u> 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 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

DSD Enhancement Control Panel						
Enhancement Product	Ver (Code Ext	Status	Build Date	MP Expire I	Date
MBIM Multi-Bin	5.10 1	MBIM MBI	I Not Unlocked	12/30/2016	;	
Selected: MBIM Multi-Bin						
	Product			www.dsdinc.com	1	
View Manual Unlock						
View Manual Unlock Check Web for Updates Unlock A	Il Products			www.dsdinc.com Product Webpage		
View Manual Unlock Check Web for Updates Unlock A) Multi	i-Convert Data			<u>×</u> it

"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.*)

Com	ipany Code S	election				-		×
	1	1				1		
	Company	Company Name	Activated	Converted	Convert			
1	ABC	ABC Distribution and Service Corp.						6
2	ABX	American Business Expressions	I					
3	XYZ	XYZ Manufacturing Company	I					
							Cancel	

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 <u>Uninstall DSD</u> <u>Enhancements</u>)

Section C: Setup

ODBC Setup

Note: The ODBC Data Source only needs to be setup once for FedEx and UPS. If you have all ready setup an ODBC Data Source for UPS you will not need to do it again for FedEx

To begin, go to the Windows 'Start' – 'Control Panel' – 'Administrative Tools' – 'Data Sources' From the 'ODBC Data Source Administrator' screen select 'Add'

ser DSN	System DSN	File DSN	Drivers	Tracing	Connection 1	oling About		
	ata Sources:							
Name			Platform	n Drive	r	^	Add	
PortOfE	xport		32-bit		soft Access Drive		_	
RF64			64-bit		90 4.0 ODBC Dri		Remove	
0.0121-111	RORING		32-bit	00,2	Server Native Clie			
	fault Export		32-bit		soft Access Drive		Configure	
	fault Export - W		32-bit		soft Access Drive			
	fault Export Ref	Qualifier	32-bit		soft Access Drive			
	fault Import fault Import - M	JUDC	32-bit 32-bit		soft Access Drive soft Text Driver (*			
	fault Import - M		32-bit 32-bit		soft Access Drive			
< UPS De	rauit import - vv	ondonip	32-01	MICTO	SOIT ACCESS Drive	er (.mai ·		
					tion about how to this computer, in		the indicated data provid ervices.	ler.

Select the MAS90 4.0 ODBC Driver and click 'Finish'.

S ODBC E	Data Source Administrator (32	-bit)	×
User DSN	Create New Data Source	×	
System D Name		Select a driver for which you want to set up a data source.	
PortOfE RF64 SQLMII UPS De UPS De UPS De UPS De UPS De <		Name Driver do Microsoft dBase (*.dbf) Driver do Microsoft Excel(*.xls) Driver do Microsoft Paradox (*.db) MAS 90 4.0 ODBC Driver Microsoft Access Driver (*.mdb) Microsoft Access Treiber (*.mdb) Microsoft dBase Driver (*.dbf)	
		< Back Finish Cancel	vider.
		OK Cancel Apply	Help

Click on 'Finish'.

We will now need to fill in the options for the ODBC driver. Fill in the following fields for each 'Tab'

BASIC

Data Source Name: Type in SOTAMAS90_SHIP for the Data source name. Or if this is getting setup for multiple companies then make the data source name SOTAMAS90_XXX where XXX is the SAGE 100 company code.

<u>Description:</u> Reference field only.

Database Directory: This is the directory to your SAGE 100 installation. If this is a MAS200 install use a UNC path to the MAS90 directory.

LOGON

<u>Company Code:</u> Type in the SAGE 100 Company code this is getting linked to. (make sure to use Capital letters) <u>Default UserID:</u> Type in the SAGE 100 user Id to login in as. <u>Password:</u> Enter the SAGE 100 password for the user (this password is case-sensitive)

OPTIONS

<u>Dirty Read:</u> check this box on. <u>Burst Mode:</u> check this box on. <u>Silent Mode:</u> check this box on. <u>Cache Size MB:</u> Set to 4

	삼 ProvideX ODBC Drive	er Setup ? ×	
	Basic Server Logon	Options Debug About	
1 0			d
	Data Source Name:	SOTAMAS90_SHIP	nove
	Description:	MAS SHIP Link	
	Database Directory:	C:\Sage\Sage 100 Standard\MAS90\Home	gure
		(This directory should contain PROVIDEX.DDF)	
	Definition File:		
		(Path of INI file for non-dictionary defined files)	
			provider.
		OK Cancel Apply	
		OK Cancel Apply	Hel
RC	Data Source Administra	tor (32-bit)	
2	A ProvideX ODBC Drive	er Setup ? ×	
	Basic Server Logon	Options Debug About	
ſ			d
	Company code:	ABC	nove
	Default UserID:	dsd	
	Password:		gure
	Session ID:		
			provider. A
ŀ			
	Data Source Administra	tor (32-bit)	
BC			
	ProvideX ODBC Drive	r Setup ? ×	
2		er Setup ? X Options Debug About	d
			d
	Basic Server Logon		d nove
	Basic Server Logon	Options Debug About	_
	Basic Server Logon Prefix for data files:	Options Debug About	nove
	Basic Server Logon Prefix for data files: Path to Views DLL:	Options Debug About (Multiple entries separated by commas) (This directory contains ProvideX DLL or shared object)	nove
	Basic Server Logon Prefix for data files: Path to Views DLL: Dirty Read	Options Debug About (Multiple entries separated by commas) (This directory contains ProvideX DLL or shared object) : Enforce DOUBLE:	nove
	Basic Server Logon Prefix for data files: Path to Views DLL: Dirty Read Burst mode	Options Debug About (Multiple entries separated by commas) (Multiple entries separated by commas) (This directory contains ProvideX DLL or shared object) Image: Comparison of the separated by commas and the separated by comma	nove
	Basic Server Logon Prefix for data files: Path to Views DLL: Dirty Read Burst mode Key Restrict	Options Debug About (Multiple entries separated by commas) (This directory contains ProvideX DLL or shared object) : Enforce DOUBLE: : NULL Date: : Strip trailing spaces:	nove
	Basic Server Logon Prefix for data files: Path to Views DLL: Dirty Read Burst mode	Options Debug About (Multiple entries separated by commas) (This directory contains ProvideX DLL or shared object) : Enforce DOUBLE: : NULL Date: : Strip trailing spaces:	jure
	Basic Server Logon Prefix for data files: Path to Views DLL: Dirty Read Burst mode Key Restrict	Options Debug About (Multiple entries separated by commas) (This directory contains ProvideX DLL or shared object) : Enforce DOUBLE: : NULL Date: : Strip trailing spaces:	jure

After the 'Options' have been set click 'Apply'.

DEBUG

Click on 'Test Connection' if everything is setup correctly you should receive a 'Connection Succeeded' message with the number of tables read. (number of tables can vary from installation to installation)

Join System		N Drivers	Tracing (Lonnection P	ooling About		
Provide)	ODBC Driver	Setup			?	×	Add
Basic Sen	ver Logon C	ptions Deb	ug About				Add
	Connection						Remove
							nfigure
Conn	ection String						
	n succeeded. :e includes 124	5 tables.				^	
						~	
							ata provider. A
	Enable Deb	-			_		
Log File:	VPVXODBC.LC)G			Brow	se	

Fedex Ship Manager – Import/Export Setup

NOTE: This setup must be repeated on each workstation that has FedEx Ship Manager loaded and must be done at the FedEx workstation not the server.

Launch FedEx Ship Manager. From the 'Menu' bar click on 'Integration' – 'FedEx Integration Assistant'

The Integration Assistant Wizard should launch. Click through the following two welcome screens.

FedEx Integration Wizard will now ask us what kind of integration we want to do. Select 'Both Import and Export' Select 'Create a new profile' and then click 'Continue'.

🖀 FedEx Integration Assistant Which type of integr	ation profile do you need? 🛛 🛛 🔀
Welcome Begin Import Tayart	Finish
Create Integration Type	Help
Which type of integration profile do you nee	d? Common Questions
Select the type of profile that you want to create.	
Cimport	What is importing?
• Import	What is exporting?
C Export	Can I change the profile later?
Both Import and Export	
Sour import and export	Tutorial
Fm	
Your Data Source	
Customer ID Company Contact	For
AA001N002 Atlas Machine USA Swicegood	
AX002A001 Baskets Galore Canada Jones	Receiver to:
AX003S001 Best Computers USA Davis	Gunner ANDODOR
BB001J002 Taylor Finishing USA Rinehart	Contact name CACO
	Compare America Contraction
13.	Conserve Lange Carlos
13 Horr	
	A States of Land Caller A States of Land Call
	Car / L
Back Cont	inue 🕟 Save

🚰 FedEx Integration Assistant What do you want to do?		×
FedEx Integration Assistant What do you want to do? Welcome Begin moort Sund Finish Create Integration Type Mat do you want to do? Select "Create a new profile" to start a new profile. Select "Edit an existing profile" if you want to create a new profile by editing an existing profile, or if you want to complete an unfinished profile. Image: Create a new profile Create a new profile Create a new profile Image: Create a new profile Create a new profile Create a new profile Image: Create a new profile Create a new profile Create a new profile Create a new profile Create a new profile Create a new profile Select The an existing profile Select the profile that you want to edit. To delete a profile, select it, and then click Remove.	Help Common Questions The noticel yeart to exit is not in the list. What should id o? What is a profile with the name profile?? How many integration profiles can i create? Tutorial	
Image: Back Continue Image: Continue		

We now come to the 'Import' section of the Wizard, select 'ODBC'.

SOURCE: Now select the 'SOTAMAS90_SHIP (or if you are setting this up for multiple companies then select the 'SOTAMAS90_XXX where XXX is the SAGE 100 company code.)

NOTE: if you are setting this up for multiple company codes then you will need to setup an integration profile for

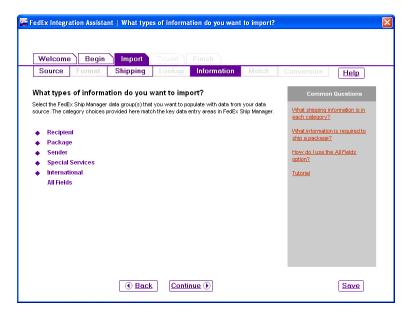
each individual company code.

<u>SHIPPING:</u> Select 'Single Edit' option at the bottom of the screen. <u>LOOKUP:</u> we want to lookup and import our information 'After I enter a Customer Reference'

		port Travert Finish	
50	urce Format Ship	oping Lookup Information Match	Conversion Help
Whe	re do you store your sh	ipping information?	Common Questions
		ation that you want to integrate. Your data source may be an , or other external application (QuickBooks, etc.). Learn More	My DSN is not in the list. What should I do?
• o	DBC (Open Database Connectiv	ity Data Source Name)	What is ODBC Data Source
comput registe	er. If your data source is not in th r the DSN.	he following ODBC-compliant data sources registered on this ne list, use <u>ODBC Data Source Administrator</u> to locate and	Administrator? What do I need to know about
	Only advanced Windows/databa department for assistance.	se users should use ODBC Data Source Administrator. Contact	my data source?
0	UPS_WS_Activity	Microsoft Access Driver (*.mdb)	How should I set up my integration to Excel?
0	Shipnet2000	Adaptive Server Anywhere 9.0	What is a text file?
0	HistoricalDB	Adaptive Server Anywhere 9.0	
0	crs_db	Adaptive Server Anywhere 9.0	Tutorial
\odot	SOTAMAS90_SHIP	MAS 90 4.0 ODBC Driver	
edEx	Integration Assistant Ho	• Back Continue •	Save
edEx	Integration Assistant Ho		
We	Icome Begin Im	w do you want to lookup and import information?	
We	Icome Begin Im	w do you want to lookup and import information?	Conversion Help
We	lcome Begin Im urce Format Ship	w do you want to lookup and import information?	
We So How Select 1	Icome Begin Im urce Format Ship do you want to lookup the method below that most close	w do you want to lookup and import information? port Finish ping Lookup Information Metch (and import information? aly supports your shipping process.	Conversion Help Common Questions
We Sol How Select 1	Icome Begin Im urce Format Ship do you want to lookup the method below that most close ter lenter a Customer Refer	w do you want to lookup and import information? port Excert Finish ping Lookup Information Match a and import information? ely supports your shipping process. ence	Conversion Help
We Sol How Select 1	Icome Begin Im urce Format Ship do you want to lookup the method below that most close ter lenter a Customer Refer	w do you want to lookup and import information? port Finish ping Lookup Information Metch (and import information? aly supports your shipping process.	Conversion Help Common Questions When would Juse a unique Customer Reference?
We So How Select 1 ⊙ Af	Icome Begin Im urce Format Ship do you want to lookup the method below that most close ter I enter a Customer Refer ses the value that you type into th ter I enter a Recipient ID	w do you want to lookup and import information? port Finish ping Lookup Information Match and import information? All supports your shipping process. ence in Customer Reference lookup dialog box to lookup the record.	Conversion <u>Help</u> Common Questions When would Luse a unique
We So How Select 1 ⊙ Af	Icome Begin Im urce Format Ship do you want to lookup the method below that most close ter I enter a Customer Refer ses the value that you type into th ter I enter a Recipient ID	w do you want to lookup and import information? port Excert Finish ping Lookup Information Match a and import information? ely supports your shipping process. ence	Conversion Help Common Questions When would luse a unique Customer Reference? When would luse a Recipient
We So How Select 1 ⊙ Af	Icome Begin Im urce Format Ship do you want to lookup the method below that most close ter I enter a Customer Refer ses the value that you type into the ter I enter a Recipient ID ses the value you type into the Re	w do you want to lookup and import information? port Finish ping Lookup Information Match and import information? ady supports your shipping process. ence ecustomer Reference lookup dialog box to lookup the record. scipient ID text box to lookup the record.	Conversion Help Common Questions When would luse a unique Customer Reference? When would luse a Recipient D2
We So How Select 1 ⊙ Af	Icome Begin Im urce Format Ship do you want to lookup the method below that most close ter I enter a Customer Refer ses the value that you type into th ter I enter a Recipient ID	w do you want to lookup and import information? port port pring Lookup Information Metch and import information? ely supports your shipping process. ence ecce scipient ID text box to lookup the record.	Conversion Help Common Questions When would luse a unique Customer Reference? When would luse a Recipient D2
We So How Select 1 ⊙ Af	Icome Begin Im urce Format Ship do you want to lookup the method below that most close ter lenter a Customer Refer ses the value that you type into the ter lenter a Recipient ID ses the value you type into the Re Meteres Lookup Enter the inference number for the puckage you	w do you want to lookup and import information? port port pring Lookup Information Metch and import information? wy supports your shipping process. ence ence scipient ID text box to lookup the record. scipient ID text box to lookup the record. wwent argont	Conversion Help Common Questions When would luse a unique Customer Reference? When would luse a Recipient D2
We So How Select 1 ⊙ Af	Icome Begin Im urce Format Ship do you want to lookup the method below that most close ter lenter a Customer Refer ses the value that you type into the ter lenter a Recipient ID ses the value you type into the Re	w do you want to lookup and import information? port Expert Finish ping Lookup Information Match and import information? Aly supports your shipping process. ence excustomer Reference lookup dialog box to lookup the record. scipient ID text box to lookup the record. avekhis report	Conversion Help Common Questions When would luse a unique Customer Reference? When would luse a Recipient D2

RECEPIENT

- Address 1
- Address 2
- City
- Company
- Contact Name
- Country
- Phone
- Postal Code
- State/Province
 PACKAGE
- Account Number
- Bill Transportation to
- Ground Invoice Number
- P.O. Number
- Package Type
- Residential Delivery Flag
- Service Type
- Weight
 SPECIAL SERVICES
- Amount (COD)
- Delivery Flag (Saturday Services)
- Recipient Shipment Notification
- Recipient e-mail



MAS * Ship

MATCH: On the Match screen is where we will map each SAGE 100 field to the appropriate FedEx field. To begin select the 'SO_InvoiceHeader' table as the source and say 'Yes' to set all unselected tables as this table.

Would you like to set	all unselected tables as: SO_InvoiceHeader
Don't show	Yes <u>N</u> o

Source Format	Shipping	Lookup	Information	Match	Conversion	Help
Match FedEx Ship M					Commor	n Questions
You may optionally assign a shext to a field to view the adv	standard default value	instead of sele			How do I know and fields to s	
	Table	Field	i Defau	tt (Optional)	The table or fi in the list. Whe	eld I need is not at should I do?
Package				1	V/hat are defa	ults?
 Bill Transportation To* 	SO InvoiceHeade	D516FedEx	Biling 👻 Select	a default 💌	How do luse	Poord Coole?
C Ground Invoice Number	SO InvoiceHeade	 InvoiceNo 			now do ruse	Neau Scaler
P.O. Number	SO InvoiceHeade	=	INo V		What does the	e Advanced
Package Type*	S0_InvoiceHeade			tomer Pack 💌	button do?	
C Residential Delivery Flag	SO_InvoiceHeade				What is a field	
 Service Type* 	SO_InvoiceHeade	D516FedEx	Service - Select	a default 💌	How should I integration to	
Weight*	en Inuninalianda					
Once you have matched have selected. Select Inc		lentify the key i	ndex field(s) for the	e table(s) you	Tutorial	
	A	dvanced				

dds with your fields

FedEx Integration Assistant | Match FedEx Ship

PACKAGE

FedEx Field	SAGE 100 Field
Bill Transportation To	D516FedExBilling
Ground Invoice Number	InvoiceNo
P.O. Number	CustomerPONo
Package Type	Set as your default FedEx package Type
Residential Delivery Flag	ResidentialAddress
Service Type	D516FedExService
Weight	Check the box 'Scale'

RECEPIENT

FedEx Field	SAGE 100 Field
Address 1	ShipToAddress1
Address 2	ShipToAddress2
City	ShipToCity
Company	ShipToName
Contact Name	ConfirmTo
Country	ShipToCountryCode (set default as US)
Phone	D516ShipToPhone
Postal Code	ShipToZipCode
State/Province	ShipToState
Account Number	D516ShippingAccount

SPECIAL SERVICES

FedEx Field	SAGE 100 Field
Cash on Delivery Amount	D516TotalValue
Saturday Services Delivery Flag	D516SaturdayDelivery
Ship Alert Recipient e-mail	EmailAddress
Ship Alert Recipient Shipment	D516ShipmentNotification
Notification	

INDEX – Once all the fields have been mapped click on the 'Index' button at the bottom and select SalesOrderNo as the Index value.

CONVERSION: To make sure fields convert correctly to the right value we need to match the SAGE 100 value to the FedEx value. The following fields need conversions set:

Residential Delivery

- No/False = N
- Yes/True = Y

Country – FedEx only has only a two character country code, SAGE 100 uses 3 characters. To make sure the FedEx and

SAGE 100 values match up correctly you have two options.

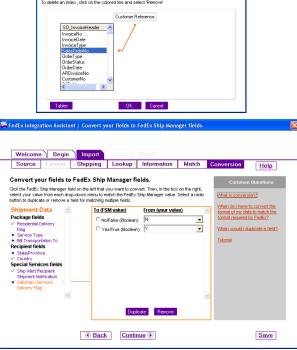
- Set your SAGE 100 country codes to match FedEx (If you only use 2 characters in SAGE 100 and set them up the same as FedEx they will come over correctly without conversion) or
- Go into the conversion tables and assign the FedEx country code to the correct SAGE 100 three character value.

Ship Alert Recipient

- No/False = N
- Yes/True = Y

Saturday Services Delivery Flag

• No/False = N



Kev Index

ent ID, or Purc

• Yes/True = Y

EXPORT DESTINATION: Select the destination as a 'Text File' and then browse and select the 'Manifest.csv' found in the ..\MAS90\MAS_ABC\SOABC directory where 'ABC' is the SAGE 100 company code you are linking to.

NOTE: You may need to create a 'Manifest.csv' file, if you do type in 1 thru 19 with each number separated by a comma

EXPORT FORMAT: Select the following options for the text file format

- Delimited
- {comma} the character used to separate the fields
- 'No' for field headings

EXPORT METHOD: Select the Method for exporting the records processed in FedEx ship manager, select the following options.

- When do you want to export to your data source? – Each time a shipment is completed.
- How do you want to update your data source? Insert a new record

EXPORT INFORMATION: Select the information to be exported. On the Information screen click on the 'All Fields' line and select the following fields.

TRACKING

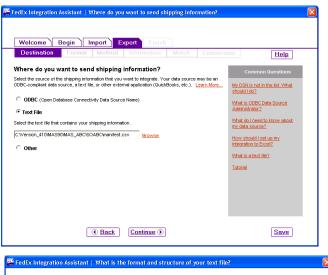
• Tracking Number

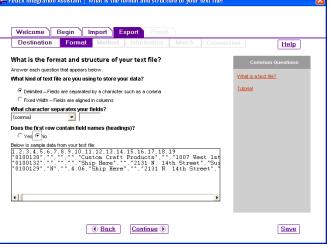
CHARGES

- Gross Charge
- Net Charge

PACKAGE

- Ground Invoice Number
- P.O. Number







- Service Type
- Weight

RECEPIENT

- Address 1
- Address 2
- City
- Company
- Contact Name
- Country
- Postal Code
- State/Province

SPECIAL SERVICES

- Recipient Delivery Notification
- Recipient Shipment Notification

EXPORT MATCH: On the Match screen is where we will identify how each FedEx field will be sent back to SAGE 100. To begin follow the table mapping below.

Welcome	Begii	n) Imj	port) E	xport Finish					
Destinati	on Fo	ormat	Method	Information	Match	Convers	sion	Help	Ĩ
or each FedEx	Ship Manage	er field, selei	ct a table and	h your fields. field from your data				ommon Questions	
rou may duplica	ite a field if y	ou want to e	export the dat	a to more than one k	ocation in your da	la source.		io I know what tables lids to select?	
		Tə	ible	Field				ble or field that I need is he list. What should I	
Shipment	Data					^	do?		
Charges							When	would I duplicate a field	2
Charge	r Rates Gros	s manifest.c	SSV	Field16		•	What is button	loes the Advanced do?	
C Custome Charge	r Rates Net	manifest.c	28V	Field4		-	What i	s a field index?	
Package							Tutoria		
C Ground I Number	nvoice	manifest.c	SSV	Field1		•	Tutorie	<u>"</u>	
C P.O. Nurr	lber	manifest.c	CSV	Field19		•			
C Service 3	Гуре	manifest.c	SSV.	Field3		-			
V/eight		manifest o		Field18					

CHARGES

FedEx Field	Export Column
Customer Rates Gross Charge	Field16 (Package charge – since FedEx does not export
	the package charge we fill it with the gross charge. This
	field currently does not get written back to SAGE 100)
Customer Rates Net Charge	Field4 (Total Shipment and Handling charge – this
	values is used to write to the SAGE 100 Freight field if
	'Write freight back to Invoice' is turned on)

FedEx Field	SAGE 100 Field
Ground Invoice Number	Field1 (This is the SAGE 100 Invoice number and is used to match FedEx records to the appropriate SAGE 100
	shipments)
P.O. Number	Field19 (Reference field can be replaced by any other field, imports into the Package comment field in SAGE 100)
Service Type	Field3 (Ship Via/Service Type)
Weight	Field18

PACKAGE

RECIPIENT

FedEx Field	SAGE 100 Field
Address 1	Field7 (updates the ShipToAddress1)
Address 2	Field8 (updates the ShipToAddress2)
City	Field10 (updates the ShipToCity)
Company	Field5 (updates the ShipToName)
Contact Name	Field6 (updates the ConfirmTo)
Country	Field13 (Does not update the ShipToCountryCode)
Postal Code	Field12 (updates the ShipToZipCode)
State/Province	Field11 (updates the ShipToState)

SPECIAL SERVICES

FedEx Field	SAGE 100 Field
Ship Alert Recipient Delivery Notification	Field2 (shipment Void Indicator – FedEx does not export the void indicator so we use this field to populate the value with a N)
Ship Alert Recipient Shipment Notification	Field14 (package Void Indicator – FedEx does not export the void indicator so we use this field to populate the value with a N)

TRACKING NUMBER

FedEx Field	SAGE 100 Field
Tracking Number	Field15 (writes the tracking number to the
	shipment)

EXPORT CONVERSION: There are two fields we need to convert to meet the export requirements, this is a very important step failure to do so will result in tracking numbers not updating to SAGE 100.

Ship Alert Recipient Delivery Notification

- No/False = N
- Yes/True = N

Ship Alert Recipient Shipment Notification

- No/False = N
- Yes/True = N

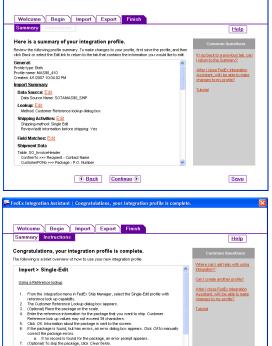
🛱 FedEx Integration A	ssistant Co	onvert FedE	x Ship Manager (ields to yo	ur fields.		
		_	oport Finish				
Destination	Format	Method	Information	Match	Conversi	on <u>Help</u>	
Convert FedEx S	Ship Manag	er fields to	o your fields.			Common Questions	
Click the FedEx Ship Mar							
Ship Manager values wi type in a value, to match				ach drop-dov	vn menu, or	What is conversion?	
Shipment Data	~	From (FSM		ur value)	~	When do I have to convert the format of my data to match the	
Package fields		No/False (Bo			-	format required by FedEx?	
 Service Type Recipient fields 		Yes/True (B			-	Tutorial	
Country			,		_		
 State/Province Special Services fiel 	ds						
 Ship Alert Recipient Delivery Notification 		-					
 Ship Alert Recipient 							
Shipment Notification							
		L			<u>×</u>		
		Back	Continue ()			Save	

FINISH: We are about finished with the integration, there are two more screens that will summarize what we have done and then ask us to 'Save' our settings.

SUMMARY: the summary screen will summarize what we have setup and give you an opportunity to change anything that has been setup, by clicking on the 'Edit' link for the appropriate section. If you are satisfied click on the 'Continue' button

INSTRUCTIONS: Please read this screen and when finished click on the 'SAVE' button at the bottom right-hand corner. After clicking on 'Save' click on the 'FINISH' button.

SAVE: Give your profile a name, you can type in anything that will make sense, if you are setting this up for multiple companies be sure to include the MAS90 company code that you set it up for.



Save

- a. In the record is hould be the package, an error prompt appears. (Optional) To skip the package, click *Chevr Reids*.
 Click Ship.
 The abprend in successful the reference dialog rearganger, and the label winth
- If the shipment is successful, the reference delog reappears and the sloei prin A notification appears if the package has an error.

Ver Integration Profile

Prohie Name: MASSU_410 Save Cancel

Export Definition from Fedex

Fedex Ship Manager FIELD	COLUMN
Shipment Info: Description of	1
Goods\Reference 2	
Shipment Info: Void Indicator	2
Shipment Info: Service Type	3
Shipment Info: Total Shipment and Handling	4
Charges	
Ship To: Company or Name	5
Ship To: Attention	6
Ship To: Street Address	7
Ship To: Room/Floor/Address2	8
Ship To: Department/Address3	9
Ship To: City	10
Ship To: State	11
Ship To: Postal/Zip Code	12
Ship To: Country	13
Package: Void Indicator	14
Package: Tracking Number	15
Package: Package Charge	16
Package: Package Type	17
Package: Weight	18
Package: Reference 1	19

UPS WorldShip – Import/Export Setup

From the WorldShip Import/Export Data Menu, choose Create/Edit Map

On the lower portion of the window, in New Map, click the Import from ODBC Database, Select Shipment from the drop down, and enter a name for your Import Map. Click OK.

UPS WorldShip Ele Edit Activities Iools UPS WebAccess means Patter Article Seminar UPS.Con Ship To Ship From Distribution Custome ID Cu	Service Options Detail Reference			
	eate or edit an import or export m	ар	And American	2 ×
Addregs 1:	Map Name 🗸	Мар Туре	Map ODBC DSN	*
Address 2: Address 3:	🕢 MAS 90 Import	Shipment	SOTAMAS90_SHIP	-
Address 2 Address 3 County/Tentroy Postal Code: United States City or Town: State/Province/Co Taleghone: E mail Address: [1] > 1 [1] State/Province/Co	 Sample Order Import 1 { Default Export } { Default Export } { Default Export } { Default Export } 	Shipment Address Book Freight Commodity Freight Shipment Shipment	UPS WorldShip SampleOrderIm	T.
	Edit Copy	Rename	Delete View DDE	IC Login
	⊢ New Map			
Shipper: Profile: 945699 T UPS	 Import from ODBC Database 		$ \begin{array}{c} C \\ \hline E_{\underline{X}} port \ data \ from \ WorldShip \\ \hline \hline E_{\underline{X}} port \ C\underline{S} V \end{array} $	
'our invoice may vary from the displayed rates.	Ship	oment	•	
	This is a duplicate name Na <u>m</u> e: MAS 90 Import	8.		Create
	<u>OK</u> Cance		Help	

In the ODBC Tables column, select SO_InvoiceHeader

DDBC Ta	ables				WorldShip Fields			
😵 SO_	InvoiceHeader			•	Shipment Information			
C /	Column Name	Туре	Width		Fi /	Field		
001	InvoiceNo	VChar	7		1	Void Indicator		
2	InvoiceD ate	Date	6		2	Collection date		
3	InvoiceType	VChar	2		00 3	Service Type		
2 4	SalesOrderNo	VChar	7		4	Endorsement		
5	OrderType	VChar	1		00 5	Billing Option		
6	OrderStatus	VChar	1		6	Bill Transportation To		
7	OrderDate	Date	6		7	Bill Duty and Tax To		
8	ARDivisionNo	VChar	2		8	Split Duty and Tax		
٩	CustomerNo	VChar	20		q	ווחח	-	
	Define <u>P</u> rimary K	ey for Impo	t			Connect [<u>)</u> isconnect	
	Define <u>F</u> oreign Kej	/ Relationsh	iips	1				
What Yo	u Have Mapped So	Far:			iompt for the used	ne table name each time the map	Edit	
ODBC 1	l ables		1	WorldS	hip Fields	ODBC Login		
SO_	InvoiceHeader::Ship	oToZipCode		👓 Ship	o To::Posta	al Code 📃		
SO_	InvoiceHeader::Ship	oToState		👓 Ship	o To::State	/Province/County	<u>0</u> K	
SO_	InvoiceHeader::Ship	ToName		🥯 Ship	oment Infor	mation::Notification Recipient	Countral	
State 1	InvoiceHeader::Ship			📀 Ship	o To::Comp	banyorName	Cancel	
en	InvisionHondor-Chir	-ToCountral	 III		TouCoum	hu /T orritoru	Help	

Map the SO_Invoice Header fields to the UPS fields as follows. The field numbers are listed for UPS WorldShip v15 (2012). The field numbers can change from version to version but typically the Table Name and Field Descriptions remain constant or at least similar enough to easily identify.

From the ODBC Table column, select field 1 from the SO_InvoiceHeader. Then select Package, Reference 2 from the WorldShip Package, Reference 2 field. Click the Connect button. Repeat this procedure for each MAS 90 field listed.

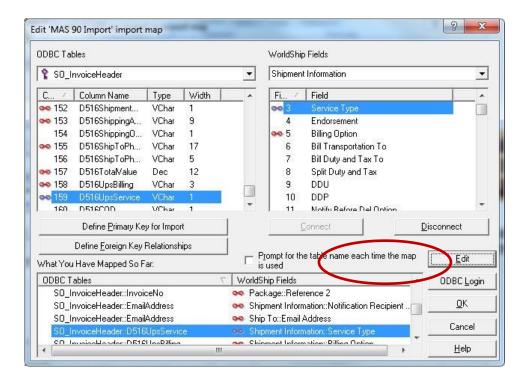
🕈 SO_	InvoiceHeader			•	Package	.)		
C /	Column Name	Туре	Width	-	FL.	Field		
1	InvoiceNo	VChar			1	Package Type		
2	InvoiceDate	Date	6		2	Weight		
3	InvoiceType	VChar	2		3	Tracking Number		
8 4	SalesOrderNo	VChar	7		4	Large Package Indicator		
5	OrderType	VChar	1		00 5	Reference 1		
6	OrderStatus	VChar	1		6	Reference 2		
7	OrderDate	Date	6		7	Reference 3		
8	ARDivisionNo	VChar	2		8	Reference 4		
۹ (CustomerNo	VChar	20			Reference 5		
	Define <u>P</u> rimary K	ey for Impo	rt			<u>Connect</u>	Di	sconnect
	Define <u>F</u> oreign Ke	y Relationsh	nips	1				
- What Yo	u Have Mapped So	Far:			Prompt for this used	ie table name each time the m	ар	Edit
ODBC	Tables		3	Vorld	Ship Fields			ODBC L
5335	InvoiceHeader::Ship			📀 Sh	ip To::Addre	ess 1	1	
S0_	InvoiceHeader::Res	identialAddi	ress	📀 Sh	ip To::Resid	ential Indicator		<u>0</u> K
SO_	InvoiceHeader::Ema	ailAddress		🗪 Sh	ipment Inforr	mation::Notification Recipient .	. 1	Course
SO_	InvoiceHeader::Ema	ailAddress		📀 Sh	ip To::Email	Address		Canc
	Invoice Hander DE1	2 슬망감에 15 생각				nation Convice Tupe		

Sage Field*	SO_InvoiceHeader Table	UPS Field**	UPS ODBC Table	UPS Field Description
1	Invoice Number	6	Package	Reference 2
19	ShipToName	52	Shipment Information	Notification Recipient 1 Company or Name
19	ShipToName	2	Ship To	Company or Name
20	ShipToAddress1	5	Ship To	Address 1
21	ShipToAddress2	6	Ship To	Address 2
22	ShipToAddress3	7	Ship To	Address 3
23	ShipToCity	10	Ship To	City or Town
24	ShipToState	11	Ship To	State/Province/County
25	ShipToZipCode	9	Ship To	Postal Code
26	ShipToCountryCode	8	Ship To	Country/Territory
32	CustomerPONo	5	Package	Reference 1

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35	ConfirmTo	53	Shipment Information	Notification Recipient 1 Contact Name
35	ConfirmTo	3	Ship To	Attention
44	ResidentialAddress	18	Ship To	Residential Indicator
71	EmailAddress	54	Shipment Information	Notification Recipient 1 Email
71	EmailAddress	14	Ship To	Email Address
151	D516SaturdayDelivery	38	Shipment Information	Saturday Delivery Option
152	D516ShipmentNotification	49	Shipment Information	QVN Ship Notification 1 Op5io
153	D516ShippingAccount	16	Ship To	Receiver UPS Account Number
155	D516ShipToPhone	12	Ship To	Telephone
157	D516TotalValue	13	Package	COD Amount
158	D516UpsBilling	5	Shipment Information	Billing Option
159	D516UpsService	3	Shipment Information	Service Type



User's Manual

There are some additional steps required to ensure that the correct information is imported from Sage 100. Highlight the connection between SO_InvoiceHeader_D516UpsService field and Shipment Information: Service Type, click the Edit button.

Click the Translations Button, and select Service.

External Field	WorldShip Field	Add	Select a common map
External Field	V WorldShip Field	<u>D</u> elete Bename	Boolean Country Measure
		Iranslations	Package ReasonEx SEDMeas
		Tanagara	Service State TermSale
OK			OK Cancel <u>H</u> elp

Select and rename the External Fields as listed below.

External Field	WorldShip Field	WorldShip Field				
3	Express Plus		Add			
External	/ WorldShip Field	•	Delete			
1	2nd Day Air					
2	2nd Day Air AM		Rename			
3	3 Day Select		Tendite			
4	Ground	-				
5	Next Day Air					
6	Next Day Air Early AM					
7	Next Day Air Saver		Iranslations			
8	Standard					
9	Expedited					
A	Express					
AM	Next Day Air Freight - Non-Gu					
AMG	Next Day Air Freight - Guarant					
8	Express Plus					
BSC	Basic	÷				
•	m					

MAS*Ship

Highlight the SO_InvoiceHeader: ShipToCountryCode field linked to the WorldShip Ship to Country/Territory and click the Edit button.

DDBC Ta	bles				WorldShip	Fields	
🐒 SO_	InvoiceHeader			-	Ship To		-
C 7	Column Name	Туре	Width	•	Fi 7	Field	
ee 26			3		1	Customer ID	
27	ShipDate	Date	6		00 2	Company or Name	E
28	ShipVia	VChar	15		00 3	Attention	
29	ShipZone	VChar	5		4	USPS PO Box Indicator	
30	ShipZoneActual	VChar	5		00 5	Address 1	
31	ShipWeight	VChar	5		6	Address 2	
oo 32	CustomerPONo	VChar	15		00 7	Address 3	
33	FOB	VChar	15		008		
24	WarehouseCode	VChar	3		9	Postal Code	
	Define <u>P</u> rimary Ke	y for Impo	rt		<u>í</u>	Connect	aconnect
	Define <u>F</u> oreign Key	Relationsh	nips	1.			
What Yo	u Have Mapped So F	ar:			"rompt for th s used	e table name each time the map	<u>E</u> dit
ODBC 1	ables		1	Worlds	Ship Fields	×	ODBC Login
SO_	InvoiceHeader::Ship	FoState		📀 Shi	p To::State/	Province/County	
SO_	InvoiceHeader::Ship	FoName		📀 Shi	🤜 Shipment Information::Notification Recipient		
SO_	InvoiceHeader::Ship	[oName		👓 Shi	p To::Compa	any or Name	
SO_	nvoiceHeader:Ship	CoCountry	Code	ee Shi	p To::Counti	y/Territory	Cancel
cn	Invisional Incodes Chief	Colline -			n Tauffilm ar	Tours	Help

Click the Edit button, then Translation, then Select Country.

External Field	WorldShip Field		
cxieiriai rieiu		_	Add
External Field	V WorldShip Field		Delete
			Rename
			Tenane
			I ranslations
ок	Cancel He	lp	
OK	Cancel <u>H</u> e	lp	
			×
Select a c	ommon map	ql S	×
Select a c	ommon map		×
Select a c Boolea Boolea Measur Packat	ommon map		×
Select a c Boolea Boolea Measur Packag Reasor	ommon map		x
Select a c Boolea County Measu Packag Reason SEDMa SEDMa	ommon map e Ex as		x
Select a c Boolea Boolea Boolea Beasur Packa Reasur SEDMe	ommon map		×
Select a c Boolea Country Measur Packag Reasor SEDMe Service State TermSa	ommon map e Ex as	2	
Select a c Boolea Country Measur Packag Reasor SEDMe State TermSa	ommon map		

User's Manual

MAS*Ship

In the External Field of the window Mapping Connections into Ship To: Country/Territory, enter the Country Code from the MAS 90 Country Code Listing.

External Field	WorldShip Field		
JSA	US	_	Add
External Field	V WorldShip Field		Delete
U.S. Virgin Islands	VI		
Uganda	UG		Rename
Ukraine	UA		
Union Island	UI		
United Arab Emirates	AE		
United Kingdom	GB		
United States	US		Translations
Uruguay	UY		
Uzbekistan	UZ		
Vanuatu	VU		
Vatican City State	VA		
Venezuela	VE		
Vietnam	VN		
Virgin Gorda	VR		
Wales	WL	-	

In this example, MAS 90's Country Code file lists United States as "USA."

Country Code	Name		Phone Co	de 🛛	
JSA	United States	of America	1		
earch Cour	try Code	✓ Begins with ✓	1		<u> </u>
Filters	wy 0000	Bogine min			<u> </u>
				Select Car	ncel 🔀 🖶 🤇

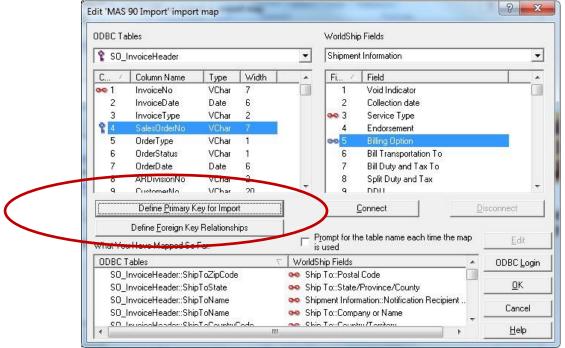
Highlight the SO_InvoiceHeader: D516UpsBilling field linked to the WorldShip Shipment Information:Billing Option, and click the Edit button.

ODBC Tables			WorldShip Fields	
🚏 SO_InvoiceHeader		•	Shipment Information	
C / Column Name	Type Width	_	Fi / Field	
••• 151 D516SaturdayD ••• 152 D516Shipment			1 Void Indicator 2 Collection date	
∞ 153 D516ShippingA.	VChar 9		🤜 3 Service Type	
154 D516ShippingO	VChar 1		4 Endorsement	
👒 155 🛛 D516ShipToPh.	VChar 17		😎 5 Billing Option	
156 D516ShipToPh.	VChar 5		6 Bill Transportation To	
🧠 157 🛛 D516TotaWalue	e Dec 12 🚽		7 Bill Duty and Tax To	
ee 158 D516UpsBilling	VChar 3		8 Split Duty and Tax	
aa 159 D516UbeServie				
Define <u>P</u> rimary	Key for Import		<u>Connect</u>	isconnect
Define <u>F</u> oreign Ke	<u> </u>		rompt for the table name each time the map	Edit
What You Have Mapped So	o Far:		used	
ODBC Tables SO_InvoiceHeader::D5		and stationers where the state	hip Fields ment Information::Service Type	ODBC Log
SO_InvoiceHeader::D5	516UpsBilling	🥽 Ship	oment Information: Billing Option	<u>0</u> K
SO_InvoiceHeader::D5			kage::COD Amount	Cancel
SO_InvoiceHeader::D5	516ShippingAccount 516ShipmontMatifiantion 111	👀 Ship 👡 Shir	D To::Receiver UPS Account Number	Cancel <u>H</u> elp
SO_InvoiceHeader::D5 < [516ShippingAccount 516ShipmontMatifiantion 111	👀 Ship 👡 Shir	tion	
SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 Ppping Connections into S External Field B	516ShippingAccount 515ShipmentInformation::B WorldShip Field Consignee Billed WorldShip Field Prepaid	👀 Ship 👡 Shir	tion	
SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 Ppping Connections into S External Field D External Field B C	516ShippingAccount 515ShipmentInformation::B WorldShip Field Consignee Billed WorldShip Field Prepaid Freight Collect	👀 Ship 👡 Shir	tion	
SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 Ppping Connections into S External Field B	516ShippingAccount 515ShipmentInformation::B WorldShip Field Consignee Billed WorldShip Field Prepaid	👀 Ship 👡 Shir	tion	
SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 Ppping Connections into S External Field D External Field B C	516ShippingAccount 515ShipmentInformation::B WorldShip Field Consignee Billed WorldShip Field Prepaid Freight Collect	👀 Ship 👡 Shir	tion	<u>.</u>
SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 Pping Connections into S External Field D External Field B C	516ShippingAccount 515ShipmentInformation::B WorldShip Field Consignee Billed WorldShip Field Prepaid Freight Collect	👀 Ship 👡 Shir	tion	<u>.</u>
SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 SO_InvoiceHeader::D5 Pping Connections into S External Field D External Field B C	516ShippingAccount 515ShipmentInformation::B WorldShip Field Consignee Billed WorldShip Field Prepaid Freight Collect	👀 Ship 👡 Shir	tion	<u>.</u>

There are no existing translations so it is necessary to create the list. In the External Field enter B, then in the WorldShip Field enter Prepaid then click the Add button. Repeat for C, Freight, and D, Consignee Billed.

Primary Key for Import

On the ODBC Tables side of the mapping window, highlight the SalesOrderNo field and click the button Define Primary Key for Import.



Click the OK button and close the Edit window.

MAS*Ship

Export back to MAS 90

From the UPS WorldShip Import/Export Data Menu, select Create/Edit Map.

Map Name	1	Map Type	Map OD	BCDSN	
MAS 90 Impor Sample Order (Default Expo (Default Expo (Default Expo (Default Expo	Import1 rt} rt} rt}	Shipment Shipment Address Book Freight Commodity Freight Shipment Shipment Address Book	SOTAM	\S90_SHIP rldShip SampleO	rderlm
<u>E</u> dit	Сору	Rename	Delete	View	ODBC Login
New Map	-	pment	100000071	oort data from Wo oort C <u>S</u> V	orldShip

In the New Map section of the lower portion of the window, check the radio button Export data from WorldShip, and check the box Export CSV. Use the drop-down to select Shipment. In the Name field, enter MAS 90 Export and click the Create button.

Use the table below to create the Export Map by selecting the UPS Tab and Field Identified.

hipment			Your CSV file: 19 of max	imum 255	5 fields
Ship To	Ship From Package Third Party	Thir 4 →	Shipment	C 🗸	CSV Field
F /	Field		Package::Reference 2 Shipment Information::Void In	2	Packagef Shipmentl
11	Nonmachinable CCC Rates Char		Shipment Information::Servic	3	Shipmentl
12	Non-DDU Published Charge		Shipment Information::Total S	4	Shipmentl
12	Non-DDU Negotiated Rates Cha		Ship To::Company or Name	5	ShipToCc
14	Non-DDU CCC Rates Charge		Ship To::Attention	6	ShipToAtl
14	Mail Manifest ID		Ship To::Address 1	7	ShipTaAc
10000			Ship To::Address 2	8	ShipToAc
90 16	Tracking Number		Ship To::Address 3	9	ShipTaAc
17	Large Package Indicator		Ship To::City or Town	10	ShipToCit
∞ 18	Reference 1		Ship To::State/Province/Cou	11	ShipToSt.
ee 19	Reference 2	+	III.		•
.Sage	Columns Remove A	All Columns	Append to existing file Qverwrite existing file Include header row	œ	d Delimiter <u>C</u> omma <u>S</u> emicolon
<u>D</u> efine (CSV File Name		ve <u>E</u> dit Movel	Jp	Move Do <u>w</u> n
ОК	Cancel Help	Pack	.ageReference2	_	Rename

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For example, Select the Package Tab, then highlight Field 19, Reference 2 and click the Add button. Continue until you have selected all the fields listed below and they are entered in the order listed.

Field No.**	Field Name	Column
19	Package: Reference 2	1
1	Shipment Info: Void Indicator	2
2	Shipment Info: Service Type	3
205	Shipment Info: Total Shipment and Handling Published Charges	4
2	Ship To: Company Name	5
3	Ship To: Attention	6
5	Ship To: Address 1	7
6	Ship To: Address 2	8
7	Ship To: Address 3	9
10	Ship To: City	10
11	Ship To: State	11
9	Ship To: Postal Code	12
8	Ship To: Country	13
1	Package: Void Indicator	14
15	Package: Tracking Number	15
3	Package: Package Published Charge	16
4	Package: Package Type	17
5	Package: Weight	18
18	Package: Reference 1	19

Finally, click the button Define CSV File Name, and enter the path to the SOCCC (where CCC is the Company Code) Manifest.csv file to which the shipment data will be exported.

)	✓ ✓ Sec	arch SOABC	\$
Organize 🔻 New folder		855	- 0
★ Favorites Favorites Name No its Recent Places Libraries Documents Music Pictures Videos	Date modified ems match your search.	Туре	Sir
🖳 Computer			
Local Disk (C;) + + File name: C:\Sage Software\MAS90-44\MAS90\MAS_ABC\ Save as type: Comma Separated Variable Files (*.csv)	III \SOABC\Manifest.CSV		

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Shipper ID Maintenance

Go To 'Sales Order' – 'Setup' – 'Shipper ID Maintenance' and you will notice a new field called "Auto Print Shipping Documents" . This check box, if enabled for a shipper ID, will automatically print the shipping documents upon the completion of a shipment to the users default printer.

Shipper ID Mainte	enance (ABC) 12/18/2017
Shipper ID Name Password Confirm Password	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Allow Changes to L	hip Via 🗹 ht and Weight 🗹
(Accept Cancel Delete 🖶 🕢

Customer Maintenance

In 'Accounts Receivable' – 'Customer Maintenance'. Bring up a customer and go to the 'Ship To Address' maintenance. You will notice two new fields; set them appropriately for each customer.

- 'Saturday Delivery'
- 'Shipping Account No'

Customer Ship	-To Address Maintenance
Location Code Name	1 1 1 1 American Business Futures Primary
Address	Distribution Warehouse Ø Residential Address 3121 W. 24th Street Staturday Delivery Ø
ZIP Code	53146 Shipping Account No.
City	Milwaukee State WI 3W45F6
Country	USA 🔍 United States
Telephone	(414) 555-4311 Ext
Fax	Batch Fax
E-mail Address	
Contact	ARTIE JOHN 🔍 Artie Johnson
Warehouse	
Salesperson	0100 🔍 Jim Kentley
Ship Via	UPS BLUE
Sales Tax	
Tax Schedule	WI MILMIL Q Milwaukee Exemptions

Shipping Rate Maintenance

Go to 'Sales Order' – 'Setup' – 'Shipping Rate Maintenance'. You will need to identify each Shipping Rate Code as either 'UPS' or 'FedEx' and identify the different shipping options you want to have. These options are changeable in Sales Order entry or Shipping Data Entry.

- Handling Charges: Choose *None* if no handling charges are to be added to the freight exported from the Shipping Software to Shipping Data Entry. Choose *Per Package* if handling charges for each package in the shipment are to be added to the freight exported from the Shipping Software to Shipping Data Entry. Choose *Flat Rate* if handling charges for each complete shipment will be added to the freight exported from the Shipping Software to Shipping Data Entry. Enter the amount of the handling charges for each package.
- **Shipping Type:** Choose the appropriate carrier for the Shipping Code. Choose *None* for all carriers other than UPS or FedEx.
- FedEx / UPS Billing: Select the Billing method
- FedEx / UPS Service Type: Select the Service type.
- Add Freight to Invoice: Enable this option if the freight amount calculated in the Shipping Software should be written to the Freight field in Shipping Data Entry. This is appropriate if the Shipping Code is for Billing Type Prepaid. Clear the check box if the freight amount calculated in UPS should not be exported from the shipping software to the Freight field in Shipping Data Entry. This is appropriate if the Shipping Type Freight Collect or Consignee Billed.

Section D: System Operations

Sales Order Entry

Sales Order Entry contains the following new fields. The value for these fields will need to be set for any Sales Orders that existed before the MAS * Ship enhancement was installed.

- Shipping Account #
- C.O.D
- Saturday Delivery
- Add Freight to Invoice
- E-Mail Shipment Notification: The e-mail will be sent based on the e-mail address on the 'Header' tab.

Sales Order Entry (ABC) 12/18/2017		
Order Number 0000171	Copy From Defaults	Customer Credit
<u>1</u> . Header <u>2</u> . Address <u>3</u> . Lines	4. Totals <u>5</u> . Credit Card User DefaultUser	
Order Date 5/1/2020 Order Type	Standard Order	Ta <u>x</u> Detail
Customer No. 01-ABF A	merican Business Futures	Salesperson 0100
Amount Subject to Discount 81.48 Discount Rate .000% Discount Amount .00 Taxable Amount .00 Non-Taxable Amount .00 Ship Zone .00035 Ship Weight .00 Freight Amount .00		d Freight to Invoice
Print <u>Order</u> Print Pick 🧑 Recalc Price	Accept	Cancel Delete 🔒 🕢 .
	Accebi	

Shipping Data Entry

The Shipping Data entry screen contains the following new fields. Note: these fields default from Sales Order Entry but can be changed during shipping data entry.

- Saturday Delivery
- E-Mail Shipment Notification

Shipping Data Ent		Order No. 000016	
Shipper ID 1	Shipping No. 0100061 Customer No. 01-RSSUPPL	Ship Status Shippe	
<u>1</u> . Lines	Shipping		
		Ship To Addre	
Terms Code	01 Net 30 Days	Ship To	🧠 Residential Address 🗌
Confirm To	Kent Quinlan 🔍	Name	CROWN CORK & SEAL
E-mail Address		Address	400 NORTH WALNUT
Comment]	PLANT #027
Warehouse	001 EAST WAREHOUSE		
		ZIP Code	47933- State IN
		City	Crawfordsville
		Country	USA United States
FOB Ship Via Ship Zone Ship Weight	UPS RED Q 00000 Q No. of Pkgs 2	Saturday Deliver E-Mail Shipment	· <u> </u>
Freight Amount	.00		Update Header
Quick Print Auto I	ncre <u>m</u> ent 🔽		Accept Cancel Delete 🔒 🕢

Processing Shipments

Enter Shipping Data Entry per standard operating procedures. When finished, leave the entry screen OPEN (do not hit ACCEPT).

Open the Fedex Ship Manager or UPS Worldship Software and process the shipment.

If you are using Fedex Ship Manager, type in the Sales order number in the 'Customer Reference' field. Your shipment information should appear in FedEx. Complete the shipment in FedEx.

If you are using UPS Worldship, enter (or scan) the Sales Order number into the UPS Enter Import Key box. Process and Complete the shipment in UPS Worldship.

At this point the UPS / Fedex Export Map will send all the mapped fields to the Manifest.csv file identified during map creation.

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Return to the Sales Order Shipping Data Entry screen and click the Accept button to import the data into Shipping Data Entry and close the shipping window for this order. You will receive a message:



The Shipment Charge will be imported into the Freight field on the Totals Tab in Shipping Data Entry (if Shipping Rate Maintenance has the Add Freight to Invoice box checked.

In addition to the Shipment Charge, the Tracking Numbers are brought into Shipping Data Entry and can be viewed via the Tracking Button on the Shipping Tab.

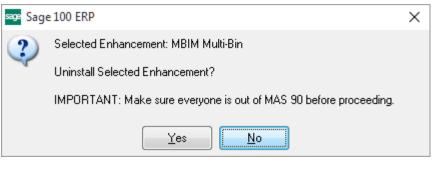
hipper ID 1		Sh	ip Date ipping No. Istomer No.	3/29/2012 0100073 01-AVNET		Order No. Ship Status	000019 Shipped Avn		SO Crea	ated By B	PI
<u>1</u> . Lines	2.5	hipping									
Terms Code Confirm To E-mail Addres Comment Warehouse	s	Terry Staf tonys@av		REHOUSE	Q	Ship Ship Name Addre ZIP C City	9 955	s 2 Irvine Warel 56 Technolo Building two 92618 IRVINE	nouse	ential Addres	s E CA
FOB Ship Via Ship Zone Ship Weight Freight Amou	nt	00875	.00	No. of Pkgs	acking		ay Delivery	USA		ites of Americ	Update Header
	A. 4- 1						r	Accept	Cancel	Delete	
,		rement 🖪		uity			[Accept	<u>C</u> ancel) e @
Quick Print				uiry			(Accept	Cancel	, ,) ə 📀
Summary		age Trac					[Con	Accept	<u>C</u> ancel	, ,) ə 📀
Summary	/ Packa	age Trac	cking Inq	Number	1	234	[Con			, ,	
Summary	/ Packa	age Trac	tking Inq Tracking	Number 5875	1	234	Con		Cancel	, ,	

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.

Enhancement Product	Ver	Code	Ext	Status	Build	Date	MP Ex	pire Date
MBIM Multi-Bin	5.10	MBIM	MBI 1	No unlocking 1	reg 12/2	7/2016		
Selected: MBIM Multi-Bin								
Selected: MBIM Multi-Bin View Manual					www.ds	dinc.com		
View Manual	All Products				www.ds Product V			

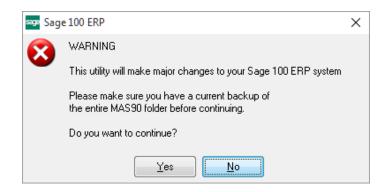
When accessing the **DSD Enhancement Control**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:



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

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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.



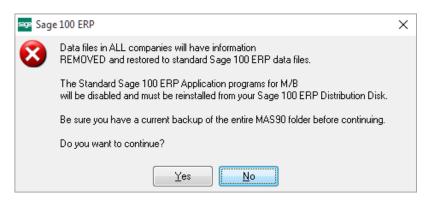
Select **No** to exit the Uninstall Process. Select **Yes** to continue with the Uninstall Process.

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).