

ACHIEVE FREIGHT CONTROL INSTALLATION GUIDE

User Guide Version 6.5

PRESENTED BY ACHIEVE IT SOLUTIONS







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The **Achieve One Suite**, including these installation procedures, has been certified by SAP as conforming to SAP's standards for Business One add-on solutions.



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Achieve Freight Control Installation

This section is required only for installations that include Achieve Freight Control. If necessary, please consult your support representative or contact Achieve IT Solutions for technical assistance.

Creating Data Links on the Shipping Workstation

The following configurations must be performed on each workstation that will be used for shipping orders originating in Business One. It is necessary to create links between the carrier's shipping system and the SAP system for the import and export of data. The same procedure is used for UPS WorldShip[®] workstations and FedEx Ship Manager[®] workstations.

First we need to get to the ODBC Data Source Administrator.

If you are on a 32-bit machine, go to *Start > Control Panel > Administrative Tools > Data Sources* (ODBC) to open it up.

If you are on a 64-bit machine, go to C:\Windows\SysWOW64, find odbcad32.exe, right click on it and Run as Administrator to open it up.

Once in there, select the tab for System DSN. Click on "Add" to create a new DSN.



🖉 ODBC Data Source Administrator 🛛 🕐 🔀							
User DSN System DSN File DSN I System Data Sources:	Drivers Tracing Connection Pooling About						
Name Freight Control PortOfExport SAP UPS TakeStock UPS UPS Default Export UPS Default Import UPS Default Import Invalid UPS WorldShip UPS WorldShip CSV Export UPS WorldShip CSV Export UPS WorldShip CSV Export	Driver Agd SQL Server Eemove Microsoft Access Driv Eonfigure DataDirect 4.20 32-BI Configure Microsoft Access Driv Configure Microsoft Access Driv Microsoft Text Driver (SQL Server SQL Server Microsoft Text Driver (✓						
An ODBC System data source stores information about how to connect to the indicated data provider. A System data source is visible to all users on this machine, including NT services.							

Select the SQL Server driver, then click "Finish".

Create New Data Source		×
	Select a driver for which you want to set up a data so Name Microsoft FoxPro VFP Driver (*.dbf) Microsoft DBBC for Oracle Microsoft Paradox Driver (*.db) Microsoft Paradox-Treiber (*.db) Microsoft Text-Driver (*.tkt *.csv) Microsoft Text-Treiber (*.tkt *.csv) Microsoft Visual FoxPro-Treiber SGL Server	source. V 6 2 4 4 4 6 2 2 2 2 2 2 2 2 2 2 2 2 2
	< <u>B</u> ack Finish C	ancel

Enter a name for the data source connection ("Freight Control" for example).

Enter a description for the connection.

Select the name of the server that contains the Business One and Achieve One databases.

Click on "Next".

2 | P a g e Achieve Freight Control Installation



Microsoft SQL Server	DSN Configuration
Select a dirief to me of Access of Excel of Base of Bas	This wizard will help you create an ODBC data source that you can use to connect to SQL Server. What name do you want to use to refer to the data source? Name: Freight Control How do you want to describe the data source? Description: Connects to CHiSap8 Which SQL Server do you want to connect to? Server: CHISAP8
	Finish Next > Cancel Help

Check the box "Connect to SQL Server to obtain default settings". Enter the SQL login ID (usually "sa") and the password.

Click on "Next".

Microsoft SQL Server	DSN Configuration		\mathbf{X}
Select a driver to work Access oil dase for soft Excel by cont Pare roted For boot Pare Cont Sector	 With <u>SQL</u> Server authentic entered by the user. 	ication using the network login ID. Nation using a login ID and password and to communicate with SQL Server, Client Configuration	
	< <u>B</u> ack <u>N</u> ext>	Cancel Help	

Check "change the default database to" and select the database for sales order import:

Note: You must select a database name beginning with "AIS-Common-", followed by your company database name.



Leave the other fields with default settings as shown below.

Click on "Next".

Microsoft SQL Server	DSN Configuration	×
Microsoft SQL Server	✓ Change the default database to: AlS-Common-SB0Demo_US ▼ ✓ Attach database filename: ✓ Create temporary stored procedures for prepared SQL statements and drop the stored procedures: ✓ Only when you disconnect. ✓ When you disconnect and as appropriate while you are connected.	3
	 ✓ Use ANSI quoted identifiers. ✓ Use ANSI nulls, paddings and warnings. ✓ Use the failover SQL Server if the primary SQL Server is not available. 	
	< <u>B</u> ack <u>N</u> ext> Cancel Help]

Leave default settings on this screen, as shown below.

Click on "Finish".

Microsoft SQL Server	DSN Configuration
Select a divier low and Access of the assort Soft Excell Proceed For Proceed F	Perform translation for character data Use regional settings when outputting currency, numbers, dates and
- Hal	C:\DOCUME~1\ADMINI~1\LOCALS~1\Temp\QUBrowse
	Long query time (milliseconds): 30000
	Log ODBC driver statistics to the log file:
	C:\DOCUME~1\ADMINI~1\LOCALS~1\Temp\ST Browse
	< <u>B</u> ack Finish Cancel Help



The screen displays a summary of the configuration entries. You may test the connection by clicking on the "Test Data Source" button. Click on "OK" to exit.

ODBC Microsoft SQL Server Setup	×
A new ODBC data source will be created with the following configuration:	
Microsoft SQL Server ODBC Driver Version 03.85.1117 Data Source Name: Freight Control Data Source Description: Connects to CHiSap8 Server: CHISAP8 Database: AIS-Common-SB0Demo_US Language: (Default) Translate Character Data: Yes Log Long Running Queries: No Log Driver Statistics: No Use Integrated Security: No Use Regional Settings: No Prepared Statements Option: Drop temporary procedures on disconnect Use Failover Server: No Use ANSI Quoted Identifiers: Yes Use ANSI Null, Paddings and Warnings: Yes Data Encryption: No	
OKCanc	≥ el



Configuring the UPS WorldShip[®] Program

Please be aware that UPS WorldShip[®] may be changed at any time. The instructions below were developed using WorldShip[®] 2015, version 18.0, build 34. It is always advisable to consult with a UPS support representative when configuring a WorldShip[®] interface.

It is necessary to create import and export mappings, so that the WorldShip[®] system can relate the data fields in the Business One system to its own data fields.

Create Import Map

Open the WorldShip[®] program and use the menu bar to select Import/Export > Create/Edit Map

🖽 🙆 🕸 - 🧞 🤴 =	UPS WorldS	hip	_ = ×
Home Tools Printing Activities Impor	t-Export UPS.com Supp	ort	∧ 😯 ·
Keyed Batch Automatic Import* Import* Import* Import Export Export	28 port Selected Pickup Date Import/Export Tool		×
Ship To Ship From Distribution Customer ID: Update Address Book Residential Company or Name: Attention: Address 1: Address 2: Address 3:	Service Options Detail Ref Shipment Freight UPS Service: Ground Need it there sooner? Saturday Delivery	Package Package Type: Package Upe: Package Length: Width: Height: in Declared Value: Reference Number 1: Reference Number 2:	
Country/Territory: Postal Code: United States City or Town: State/Province/County:	Bi <u>ll Transportation To:</u> Shipper ▼		
Telephone: E- <u>m</u> ail Address: () - [] <u>U</u> PS Account Number: Ta <u>x</u> ID Number:	With Return Services Weight (lb) Package: Shipment: 0.0 Electronic Scale Activated	Shipper's Cost (USD) Published: 0.00 Detail <u>C</u> ost	
Shipper: 305W75 Profile W Your invoice may vary from the displayed rates.	Pkg: M 4 1 Pkgs Dek	is NEW Process Shipment F10	
		Ver: 18.0.34 XOFY Pending	: 10 Shpmt(s), 12 Pkg(s)



Existing Maps				
Map Name	1	Мар Туре	ODBC DSN/Location	*
🖈 FCKEY Export		Shipment	FCKEY	
🖈 HANA FC Export		Shipment	HANA32	
🔃 🗱 HANA FC Import		Shipment	HANA32	
🔃 🗱 HANA32		Shipment	HANA32	
🐗 Import 91 Test No	WMS	Shipment	FC 91 Test No WMS	
🔃 🗰 Import 91 Test Wi	MS SR	Shipment	FC 91 Test WMS SR	-
Edit	Сору			ODBC Login
Import from ODB			© Export to ODBC Data	
Name 14 ap			Export CSV	
Import from ODB	C Database	pment		

In the lower part of the screen, select "Import from ODBC Database". In the dropdown field, select "Shipment. Then enter a name for the import map, and click on "Create".

Select an ODBC source	? <mark>- × -</mark>
FC WMSTest9 Pick by SR FC WMSTest9 Pick by SO FC WMSTest9 No WMS FC 91 Test WMS SR Port0fExport UPS WS Activity	OK Cancel
UPS Default Import - WorldShip UPS Default Export - WorldShip UPS Default Export - WorldShip	Help
ID: sa	
Password: •••••••	



The screen displays a list of all ODBC DSN sources that have been created on the workstation. Select the one that was created in the previous section. Enter the SQL ID and password. Click on "OK".

💡 AIS	SH_Request				-	Shipment	Information		
		-		_		(
C /	Column Name	Туре	Width		- Â	Fi 🛆	Field		
1	DocEntry	Int	4			1	Void Indicator		
2	DocNum	Int	4			2	Collection date		
3	Period	Int	4			3	Profile Name		
4	Instance	Smint	2			oo 4	Service Type		
5	Series	Int	4			5	Endorsement		
6	Handwrtten	Char	1			∞ 6	Billing Option		
7	Canceled	Char	1			ee 7	Bill Transportation To		
8	Object	VChar	20		-	8	Bill Duty and Tax To		-
	Define Primary K	ey for Impor	t				Connect	Discor	nnect
	Define Foreign Key	y Relationsh	ips		_				
Vhat Yo	u Have Mapped So	Far:				rompt for the sed	e table name each time the ma		Edit
ODBC 1	ables			$\overline{\nabla}$	WorldS	ihip Fields)DBC Logir
AIS	_SH_Request_Lines	s::UnitPrice			🗢 Goo	ds::Invoice/	/EEI/CN22 Unit Price		ОК
	SH_Request Lines		-	_	🙇 Goo	- development - term	/CN22 Units		OK

Using the charts found in the Appendix of this manual, match the column names in the ODBC tables with the WorldShip[®] field names. As each match is highlighted, click on "Connect". The matched fields are shown at the bottom of the screen.

Note: You must set the table name above each list of fields; several different tables are used from each system.



<u>Set Primary Key</u>

Edit 'Impo	ort 91 Test WMS SR	' import n	nap						? <mark>- x</mark>
ODBC Tat	bles					WorldShip	Fields		
👔 AIS_S	6H_Request				-	Shipment	Information		•
Col. #	Column Name 🏒	Туре	Width		*	Fi 🔬	Field		-
∞ 87 ∞ 88	U_ShpFrSt U_ShpFrZp	VChar VChar	50 50			1 2 3	Void Indicator Collection date Profile Name		
2 18	U_ShpReqNm U_ShpDecci	Int	4			3 990 4 5	Pronie Name Service Type Endorsement		
••• 31 ••• 32	U_ShpTaAd1 U_ShpTaAd2	VChar VChar	100 100			∞ 6 ∞ 7	Billing Option Bill Transportation To		
∞ 33	U_ShpToAd3	VChar	100	_	-	8	Bill Duty and Tax To		-
	Define Primary Ke	y for Impor	t				Connect	D	isconnect
	Define Foreign Key I	Relationshi	ips		D,	omet for the	table name each time the m	on in	
What You	I Have Mapped So F	ar:				ed	able name each time the m	iah is	Edit
ODBC T	ables			V	WorldS	hip Fields			ODBC Login
							/EEI/CN22 Unit Price /CN22 Units		ОК
	SH_Request_Lines:: SH_Request_Lines::	_					TA/CN22 Tariff Code TA/CO/CN22 Country/Terr	it. 🛨	Cancel
•			11	I			•	•	Help

Set field U_ShpReqNum from table AIS_SH_Request as the primary key for import.

Set Foreign Key Relationships

Click on "Define Foreign Key Relationships" to indicate fields in one table that are related to specified fields in another table.



Edit	: Relati	onships for 'Impor	t 91 Test \	WMS SR' ii	mport map)				? X
Re	late Fro	m:				Relate To:				
С	ш. <u>А</u>	Table Name				C /	Table Name			*
	1 2 3 4	AIS_SH_Request AIS_SH_Package AIS_SH_Pkg_Setu AIS_SH_Request_				107 108 109	dm_db_missing_i dm_db_missing_i dm_db_partition_ OWHS	ndex_group	_	
						110	J., JL			T
С	<u>/</u>	Column Name	Туре	Width	•	C /	Column Name	Туре	Width	^
	20 21 22 23	U_ShipTo U_BlindShp U_ShpSpcCd U_WHCode	VChar VChar VChar VChar	50 50 30 15		1 2 3 4 5	WhsCode WhsName IntrnalKey Grp_Code D=#	VChar VChar Int VChar	8 100 4 4 1=	-
Wł	nat You	Have Belated So Fa		d Relations	hip	Kemo	ove Relationship			
F	rom OD	BC Field			∏ To ODI	BC Field				OK
	AIS_SH_Request::U_ShpReqNm AIS_SH_Request::U_ShpReqNm AIS_SH_Request::U_ShpReqNm AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_Package::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PkgTyp AIS_SH_PACKAGE::U_PKgTyp AIS_SH_PACKAGE::U_PKgTyp AIS_SH_PACKAGE::U_PKgTyp AIS_SH_PACKAGE::U_PKgTyp AIS_SH_PACKAGE::U_PKgTyp AIS_SH_PACKAGE::U_PKgTyp AIS_SH_PACKAGE::U_PKgTyp AIS_SH_PACKAGE:					ge::U_ShpReqNm			Cancel Help	

Set the following relationships:

Relate From Table	Field	Relate To Table	Field
AIS_SH_Request	U_ShpReqNm	AIS_SH_Package	U_ShpReqNm
AIS_SH_Package	U_PkgTyp	AIS_SH_Pkg_Setup	U_PkgTypCd



Map Field Translations

Some fields contain codes which are not the same in WorldShip[®] as they are in Business One. It is necessary to map the individual codes so that WorldShip[®] creates the correct content in each field. To do this, highlight the connected fields, and click on "Edit".

Edit 'Im	port 91 Test WMS SF	l' import r	nap					? ×
ODBC	ODBC Tables				WorldShip) Fields		
👔 AI	S_SH_Request			•	Package			•
Col. ‡	Column Name	Туре	Width	*	Fi /	Field		*
00 6	4 U_CODShip	VChar	10		ee 6	Reference 1		
7	6 U_CalTrkNm	VChar	30		⊷ 7	Reference 2		
99 6	3 U_CallTag	VChar	10		∞ 8	Reference 3		
1	9 U_CardCode	VChar	15		∞ 9	Reference 4		
5	5 U_CarrCd	VChar	10		●● 10	Reference 5		
7	7 U_Cost	Num	19		11	Additional Hand	ling Option	
ee 9	5 U_CustPO	VChar	8000		12	Shipper Release	e Option	
7	9 U_DelDocNum	Int	4	-	ee 13	COD Option		-
	Define Primary Ke	ey for Impo	t]	0	Connect		lisconnect
	Define Foreign Key	Relationsh	ips	1				
What `	/ou Have Mapped So F	ar:			Prompt for the used	e table name each	time the map is	Edit
ODB	ODBC Tables			World	dShip Fields		*	ODBC Login
A	AIS_SH_Request::U_CODSecur			ee P.	ackage::Cash	ier's Check/Mone	y Order Onl	ОК
A	AIS_SH_Request::U_CODShip 🛛 🗪 I				ackage::COD	Option		
A	AIS_SH_Request::U_CODShip 🗠 🗠				es Shipment Information::COD Option Cancel			Cancel
A	S_SH_Request::U_Ca	llTag		👄 Si	hipment Inform	nation::Return Ser	vice Option 👻	
•			III				•	Help

The screen will then allow you to enter all of the possible entries in the Business One field, and the corresponding entries in WorldShip[®].



The following connections must be edited in this way:

AIS	SH	Reauest:U	AISDeclared	with l	Packaae:	Declared	Value (Dotion
·•	<u> </u>							

Mapping Connectio	ons into Package::COD Option	? 💌
External Field	WorldShip Field	
		Add
External Field	/ WorldShip Field	Delete
N Y	No Yes	Rename
		Iranslations
ОК	Cancel <u>H</u> elp	

AIS_SH_Request:U_CODShip with Package:COD Option

Mapping Connection	s into Package::COD Option	? 💌
External Field	WorldShip Field	
		<u>A</u> dd
External Field	🛆 WorldShip Field	<u>D</u> elete
N Y	No Yes	<u>R</u> ename
	Cancel <u>H</u> elp	<u>I</u> ranslations



Tapping Connections I	nto Ship To::Residential Indicator	r ? 💌
External Field	WorldShip Field	
		Add
External Field	/ WorldShip Field	Delete
Comm Res	N Y	Rename
		Translations
	Cancel Help	

AIS_SH_Request:U_AISResComm with Ship To:Residential Indicator

AIS_SH_Request:U_BillDuty with Shipment Information:Bill Duty and Tax To

Mapping Connection	s into Shipment Information::Bill	Duty and Tax To 🛛 😨 💽
External Field	WorldShip Field	
TP	Third Party	Add
External Field	/ WorldShip Field	Delete
REC SHP TP	Receiver Shipper Third Party	Rename
		Translations
OK	Cancel Help	



Mapping Connection	ns into Package::COD Option	? <mark>- × -</mark>
External Field	WorldShip Field	
		Add
External Field	/ WorldShip Field	Delete
N Y	No Yes	<u>R</u> ename
		<u>I</u> ranslations
OK	Cancel <u>H</u> elp	

AIS_SH_Request:U_CODShip with Shipment Information: COD Option

AIS_SH_Request:U_FrtChgTp with Shipment Information: Bill Transportation To

Mapping Connectior	ns into Sh	ipment Information::Bill T	ransportation 📳 💌
External Field		WorldShip Field	
5		Third Party	Add
External Field	Ĺ	WorldShip Field	Delete
1 2 3 4 5		Shipper Receiver Receiver Third Party Third Party	<u>R</u> ename
ОК	Can	cel <u>H</u> elp]



	ns into Shipment Information::Service	Туре 💦 🔀
External Field	WorldShip Field	
		Add
External Field	/ WorldShip Field	Delete
1DA		Delete
1DM	Next DayAir Next DayAir F	Bename
1DP	Next Day All E	
2DA	Next Day Air S	
2DA 2DM	2nd Day Air	
	2nd Day Air AM	Translations
3DS	3 Day Select	
AM	Next Day Air Fr	
AMG	Next Day Air Fr	
BSC	Basic	
CA	Air Freight Direct	
CB	CrossBorder Co	
CX	Express Freight	
0.0	0.4 D Ab E	

AIS_SH_Request:U_SvcLvl with Shipment Information:Service Type

Please Note: In this case the entries in the "External Field" column must match the UPS service levels found in the **Achieve Freight Control** Carrier Setup. You can use any codes you like for this, but if you use the standard UPS codes in **Achieve Freight Control**, you can then populate this mapping screen by clicking on "Translations" – all possible UPS codes will be entered along with their descriptions. It is not necessary to include all of the codes in **Achieve Freight Control**, as long as all codes that are used match exactly to the UPS codes.

You may also choose to Edit other mappings the make sure your field values match UPS's, such as Units of Measure, Package Types, etc.

When all of the mapping entries are complete, click on "OK" to save the entries and exit. *Note*: You may return to the map at any time to make more entries or to edit the existing ones.



Create Export Map

Open the WorldShip[®] program and use the menu bar to select Import/Export Data > Create/Edit Maps

💷 😰 🕸 - 🧞 🤴 -	UPS WorldS	hip _ = ×
Home Tools Printing Activities Impo	rt-Export UPS.com Suppo	ort 🔨 🔨
Keyed Bath Automatic Import* Import* Import	Pickup Date Map 🔻	· · · · · · · · · · · · · · · · · · ·
Ship To Ship From Distribution Customer ID: Update Address Book Resideptial Company or Name: Attention: Address 1: Address 2: Address 3: Country/Territop: Postal Code:	Service Options Detail Ref Shipment Preight UPS Service: Ground Need it there sconer? Saturday Delivery	rence Package Package Type: Package v Length: Width: Height: in Declaged Value: Reference Number 1: Reference Number 2:
United States <u>City or Town:</u> State/Province/County:	Bill Transportation To: Shipper -	
Telephone: E-mail Address:	With Return Services	Shipper's Cost (USD)
UPS Account Number: Tag ID Number:	Weight (lb) Package: Shipment: 0.0 Electronic Scale Activated	Published: 0.00 Detail <u>Cost</u>
Shipper: Profile 305W75 V W V		is NEW Process Shipment te Pkg
Your invoice may vary from the displayed rates.		
		Ver: 18.0.34 XOFY Pending: 10 Shpmt(s), 12 Pkg(s)



Map Name	1	Map Type	ODBC DSN/Location	
🔹 FCKEY Export		Shipment	FCKEY	
🔹 HANA FC Export		Shipment	HANA32	
🔃 HANA FC Import		Shipment	HANA32	
🔃 HANA32		Shipment	HANA32	
🔃 Import 91 Test No Wh	/IS	Shipment	FC 91 Test No WMS	
🔃 Import 91 Test WMS	SR	Shipment	FC 91 Test WMS SR	-
New Map	ру	Rename	Delete View	ODBC Login
		Rename	Delete View View Export to ODBC Database Export LSV	
New Map		Rename	Export to ODBC Database	
New Map	atabase	Rename	Export to ODBC Databas Export LSV	
New Map Import from ODBC Da Import from XML	atabase		Export to ODBC Databas Export LSV	

In the lower part of the screen, select "Export from ODBC Database". In the dropdown field, select "Shipment. Then enter a name for the import map, and click on "Create".

Select an ODBC source		? 💌
FC WMSTest9 Pick by SR FC WMSTest9 Pick by SD FC WMSTest9 No WMS FC 91 Test WMS SR	- III	OK Cancel
PortOfExport UPS_WS_Activity UPS Default Import - WorldShip UPS Default Export - WorldShip	Ŧ	Help
ID: Sa		
Password:		



The screen displays a list of all ODBC DSN sources that have been created on the workstation. Select the one that was created in the previous section. Enter the SQL ID and password. Click on "OK".

//orldShip	Fields		ODBC Tal	bles			
Shipn	nent Information	•	AIS_SH_	OUPS_PKG			•
Fi /	Field	*	C /	Column Name	Туре	Widtł	h 🔺
oo 1	Void Indicator		1	Code	Int	4	
2	Profile Name		ee 2	U_ShpRegNm	VChar	50	
3	Service Type		ee 3	U_Status	VChar	8	-
4	Endorsement		00 4	U_PkgNum	VChar	50	=
5	Book Number		ee 5	U_Cost	VChar	50	
6	Page Number		ee 6	U_TrackNbr	VChar	30	
99 7	Lead Tracking Number		ee 7	U_ScaleWt	VChar	50	
8	Shipment ID	-	90 8	U_CODAmt	VChar	50	-
			(Connect		Disco	onnect
What You	Have Mapped So Far:		rompt for the sed	e table name each ti	me the map	o is 📃	Edit
WorldSh	ip Fields	ODBC	Tables				ODBC Login
Shipr	ment Information::Void Indicator ment Information::Total Shipper Published	🐜 AIS	_SH_OUPS				OK
	ment Information::Lead Tracking Number ment Information::COD Amount	-		_SR::U_TrackNbr _SR::U_CODAmt		-	Cancel
							Help

Using the charts found in the Appendix of this manual, match the fields in the WorldShip[®] tables with the ODBC column names. As each match is highlighted, click on "Connect". The matched fields are shown at the bottom of the screen.

Note: You must set the table name above each list of fields; several different tables are used from each system. (**Note**: The positions of the WorldShip[®] and ODBC tables are reversed from the import mapping.)

It is not necessary to set a key field, primary key relationships, or field translations for the export map.

When all of the mapping entries are complete, click on "OK" to save the entries and exit. *Note*: You may return to the map at any time to make more entries or to edit the existing ones.



Activate Automatic Export

Before beginning to use WorldShip[®] in combination with Business One, it is necessary to ensure that data from the shipments will be exported to the Shipping Request documents.

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Home Tools Printing Activities Impo	ort-Export UPS.com Support	0 -
Import Import Import Export Export	28 Create / Edit Tools Export Selected Pickup Date Create/Edit Tools 4fter Freight Shipment Processing Quick Commands	
Customer ID: Update Av Residentia Customer ID: Customer I	After Shipment Processing During End of Day During Freight Close Out During Worldwide Express Freight End of Day Need it there sooner? Declared V Reference Number 2:	
Country/Territory: Postal Code: United States . City or Town: State/Province/County: Telephone: E-mail Address: () · [] . UPS Account Number: Tag ID Number:	Bill Transportation To: Shipper With Return Services Weight (lb) Package: 0.0 Elegtronic Scale Activated	
Shipper: Profile 305W75 Iw Your invoice may vary from the displayed rates.	Pkg. W. (1)) is NEW Process Shipment Add 1 Pkgs Delete Pkg	
Recently used after shipment processed export map.	Ver: 18.0.34 XOFY Pending: 10 Shpmt(s), 12 Pk	(g(s)

From the main WorldShip[®] screen, select Import/Export Data > Automatic Export after Processing Shipment. Select the name of the export map that was created for the Business One database.

Once the map is selected, there will be a checkmark next to it when the menu is opened. This setting should remain after the user exits from WorldShip[®] and logs back in at a later time. However, it is recommended to check the setting each day before beginning to process shipments.



Activate Keyed Import Field

As users prepare to use the WorldShip[®] program to ship orders that originated in SAP Business One, they must activate the Keyed Import field. This enables them to enter the Shipping Request number so that the WorldShip[®] program will automatically import data from the order.

💷 🚱 🕸 - 🧞 🥵) =	UPS WorldSI	hip _ = ×
Home Tools Printing Activities Import	t-Export UPS.com Suppo	ort 🔨 🔨 -
Keyed Import*/Import* Import* Automatic Import*/Import* Batch Automatic Export Export Export V Off Export	28 port Selected Pickup Date Import/Export Too	
1 Import 91 Test WMS SR	Service Options Detail Refe	erence
2 SQL_FC Import 3 Darylimport More Attenijor: Address 1: Address 2: Address 3:	Shipment Freight UPS Service: Ground • Need it there sconer? Saturday Delivery	Package Package Length: Width: Height: Declaged Value: Reference Number 1: Reference Number 2:
Country/Territory: Postal Code: United States City or Town: State/Province/County:	Bill Transportation To:	
Telephone: E-mail Address:	With Return Services	Shipper's Cost (USD)
UPS Account Number: Tay ID Number:	Weight (lb) Package: Shipment: 0.0 Electronic Scale Activated	Published: 0.00 Detail Cost
Shipper: Profile 305W75 V IW V		Tis NEW Process Shipment F10 F10
Your invoice may vary from the displayed rates.		
Recently used keyed import.		Ver: 18.0.34 XOFY Pending: 10 Shpmt(s), 12 Pkg(s)

From the main WorldShip[®] screen, select Import/Export Data > Keyed Import. Select the name of the import map that was created for the Business One database.



💷 💿 🕸 - 🧞 🤴 -	UPS WorldS	hip	_ = X
Home Tools Printing Activities Import	t-Export UPS.com Suppo	nt	∧ () ·
History Navigate	Void Track Manage Add	es End of Day Pickup Information * Pickups	Messaging Center Messages Upgrade WorldShip Install
Ship To Ship From Distribution Customer ID: Update Address Book Company or Name: Residential Def ShipTo Ship to Name Image: Company or Name: Def ShipTo ID Address 1: 225 E BR0ADWAY Address 3: Address 2: Address 3: Country/Territory: Postal Code: United States 10002-5602 Qity or Town: State/Province/County: NY NY Telephone: Email Address: (111)111-1111 Tay ID Number: 305W75 601	Service Options Detail Refer Shipment Freight UPS Service: Next Day Air Need it there sconer? Saturday Delivery Bill Transportation To: Shipper With Return Services Weight (b) Package: Shipment: 333 Electronic Scale Activated	xence Package Package ype: Package Package Package Length: Width: Height: in Declared Value: Reference Number 1: Reference Number 2: Enter import key: Enter import key: En	Close
Shipper: Profile 305W75 V IW V		Detail <u>Cost</u> of 24 y Shpmt	
Your invoice may vary from the displayed rates.		Ver: 18.0.34 XOFY Pendin	ıg: 10 Shpmt(s), 12 Pkg(s)

The Enter Import Key window will appear on the screen. Users may enter a shipping request number in this field, and the system will automatically import all necessary data regarding the shipment. The user will then continue with normal shipment processing, including weighing packages, entering any additional information, etc.

Note: The Enter Import Key window will remain on the screen for the rest of the session, unless the user closes it. If it is closed, it may be opened again from the drop-down menu. If the window is open at the time the user exits from WorldShip[®], it should appear automatically the next time the user opens the WorldShip[®] program.



Additional Settings

There are a couple of settings that you may want to take advantage of before you start using the program for the first time.

Profile Editor

The profile editor allows you to set defaults for some of the fields you might be using so you won't have to enter them each time you do a shipment. To get to it, go to the Tools menu at the top, and choose Profile Editor.

💷 📀 🕸 - 🧞 🤴 =	UPS WorldShip _ = = >
Home Tools Printing Activities	Import-Export UPS.com Support 🔨 🔨
Create/Edit Tab Order Create/Edit Profile Profile Profile Create/Edit Custom Labels Profile Tools	System Shipper Delivery Preferences ~ Editor Date Preferences Editors and Communication
Ship To Ship From Distribution Customer ID: Update Address Def ShipTo Ship to Name Residential Def ShipTo Ship to Name 4 Attention: Def ShipTo ID Address 1: 225 E BROADWAY Address 2: Address 3:	Service Options Detail Reference s Book Shipment Package IPS Service: Package Type: Next Day Air Length: Width: Height: Need it there sooner? in Declared Value: Reference Number 1: Reference Number 2: Reference Number 2:
Country/Territory: Postal Code: United States 10002-5602 City or Town: State/Province/C NY NY Telephone: E-mail Address: (111) 111-1111 [] Image: State Province/C UPS Account Number: Tag ID Number: 305W75 601	Bill Transportation To: Shipper With Return Services Weight (lb) Package: Shippent: 333 0.0 Electronic Scale Activated
Shipper: Profile 305W75 V	Pkg: Image: Im
Your invoice may vary from the displayed rates.	Ver: 18.0.34 XOFY Pending: 10 Shpmt(s), 12 Pkg(s)



Once you are don't making changes to your Profile, just click the Save Profile button on the right side.

& =		
Profile Editor		
🔒 New/Clear	🔏 Delete	
Save 🔒	<mark>ሬ</mark> Select:	-
🎥 Save As		
	Profile	

System Preferences Editor

There is a setting that can be extremely helpful when turned off, and that is the Always Update Address Book setting. To get to it choose Tools from the top then System Preferences Editor. Once in there go to the Shipping tab and you will see it right at the top. If left checked off it can cause all kinds of headaches when importing the data from SAP. To make things easier it is best to make sure this setting is unchecked.

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Home Tools Printing Activities Impor	rt-Export UPS.com Support	∧ 🚱 ·
	Shipper Delivery ences Editor Date Preferences	
Ship To Ship From Distribution Customer ID:	System Preferences Editor Add or modify predefined values for fields; values apply to all current shippers. Ground Need it there sooner? Variable System Preferences Editor Package Package Type: Package Length: Width: Height: in	
Attention:	Declared Value: Declared Value: Reference Number 1: Reference Number 2:	
Address 2: Address 3: Country/Territory: Postal Code: United States Qity or Town: State/Province/County:	Bill Transportation To:	
Telephone: E-mail Address:	With Return Services Shipper's Cost (USD) Weight (lb) Published:	-
UPS Account Number: Tag ID Number:	Package: Shipment: 0.0 Electronic Scale Activated	
Shipper: Profile 305W75 Variations are set to declared a base	Pkg. Image: The second se	
Your invoice may vary from the displayed rates.	Ver: 18.0.34 XOFY Pe	nding: 10 Shpmt(s), 12 Pkg(s)



<u>Manually Select Pickup Dates</u>	O <u>K</u>
Advags Update Address Book Socgeday Set Displayed with Comp. Address 1 First Entry Field: Company or Name Automatically select Ship Notification Pickup Date Selection Manually Select Pickup Dates	
Eirst Entry Field: Ont of Measure Company or Name Metric (kg, cm) Automatically select Ship Notification Imperial (lb, in) Pickup Date Selection Manually Select Pickup Dates	Apply
Pickup Date Selection	
(Future Date Processing) Handling Units	Cancel <u>H</u> elp
Freight Apply Pallet Commodity Weight Type: Defaults: Total Weight Pallet Weight:	
End of Day Processing End of Day Default:	
Small Package	
Automatic Display of Delivery Dates With Return Services US Ground Non-US	
Ground Freight Pickup Request Schedule Pickup during Ereight Processing Pickup Notifications	



Configuring the FedEx Ship Manager[®] Program

Please be aware that FedEx Ship Manager[®] may be changed at any time. The instructions below were developed using Ship Manager[®] version 29.12.2715. It is always advisable to consult with a FedEx support representative when configuring a Ship Manager[®] interface.

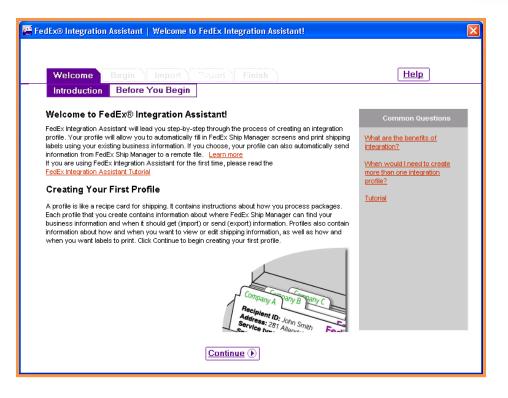
It is necessary to create import and export maps, so that the Ship Manager[®] system can relate the data fields in the Business One system to its own data fields.

Create Import and Export Maps

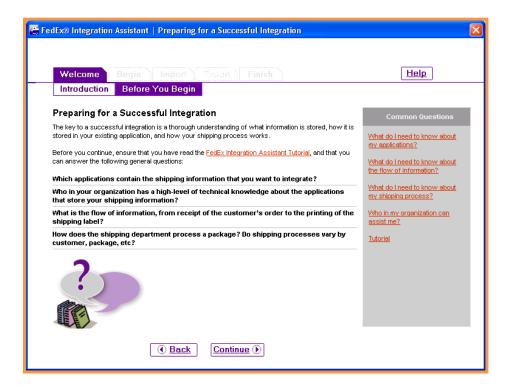
Open the Ship Manager[®] program and use the menu bar to select Integration > FedEx Integration Assistant.

🚯 FedEx Ship Manager 🕯	v.2472-a 461523 MyProfile	
File Databases Customiz	e Utilities Integration Inbound	fedex.com Help
Ship Track Shipping list	Address B FedEx Integration	Assistant
	Mana	
	nipAlert Return	
Recipient information	MvProfile	ind shipment details
🗆 <u>Sh</u>	nip to group Nikomed	
Recipient ID:	¥	Number of packages: Identical packages
Country: Select	st country	Weight:
Contact name:		Select service type
Company name:		Package type: Select package type
Address 1:		Package dimensions: Select an item
Address 2:		Ship date: 02/28/2011
Postal code:	M State/Province:	Declared/Carriage Value: \$0.00
City:		v
Telephone:	Ext	
Tax ID/EIN:	Location #:	
	nis is a residential address	
	ave in/update my address book	Waybill
Sender information Current sender: Niko	omed LISA Inc	Billing details Bill transportation to: Select an item V Acct #:
2000	10 Pioneer Road	Department notes:
	ntingdon Valley , PA 19006	
Change return address: Cur	rrent sender	✓
Clear fields Delete/Modify shi	ipment Repeat shipment Override	prefs Rate quote Multiple-piece shipment Ship
Comm Idle		URSA Expired Monday, February 28, 2011 11:13 AM





Read the introduction, then click on "Continue".





Review the messages on this screen, then click on "Continue".

Begin > Create

🖉 FedEx® Integration Assistant What do you want to do?	
Welcome Begin Finish Create Integration Type What 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 (Clears all unsaved changes). Image: Clears all unsaved changes). Image: Clear all unsaved changes). Image: Clear all unsaved changes). Image: Clear all unsaved changes). Select the profile that you want to edit. To delete a profile, select it, and then click Remove. To save a copy of a profile with a new name, select it and then click Duplicate.	Help Common Questions The profile I want to edit is not in the list. What should I do? What is a profile with the name profiles? How many integration profiles can I create? Tutorial
() Back Continue ()	

Select "Create a new profile". Click on "Continue".

Begin > Integration Type



🚝 FedEx® Integrati	on Assistant	Which ty	pe of integration p	rofile do you need?			×
Welcome	Begin					Help	
Create	Integration T	уре	N				┥
Which type o			do you need?			Common Questions	
Select the type of	profile that you w	ant to create	a.			What is importing?	
C Import	Climport			What is exporting?			
C Export	C Evenent						
······	ł			Can I change the profile later?			
Both Import	Both Import and Export				Tutorial		
			Export				
Your Dat	a Source	1		informand delay			
Customer ID	Company	Country	Contact	redex			
AA001N002 AX002A001	Atlas Machine Baskets Galore	USA Canada	Swicegood R Jones	ecipient ID: Site to an			
AX003S001	Best Computers	USA	Davis	Con Axon lo group	4		
BB001J002	Taylor Finishing	USA	Rinehart Contac	Country: CA-CANADA	6		
		Import		t name Given Jose Name/ Bankels Galore s 1:/1234 Central Bivd			
		🖲 <u>Back</u>	Continue D]		Save	

Select "Both Import and Export". Click on "Continue".

Import > Source

edEx® Integration Assistant V	/here do you store your shipping information?	
Source Format St	mport Finish ipping Lookup Information Match	Help Conversion
Where do you store your s		Common Questions
	mation that you want to integrate. Your data source may be a le, a xml file, or other external application (QuickBooks, etc.).	n <u>My DSN is not in the list. What</u> <u>should I do?</u>
on this computer. If your data source locate and register the DSN.	ind the following ODBC-compliant data sources registered is is not in the list, use <u>ODBC Data Source Administrator</u> to tabase users should use ODBC Data Source Administrator.	What is ODBC Data Source Administrator? What do I need to know about my data source? How should I set up my integration to Excel?
C TakeStock UPS	DataDirect 4.20 32-BIT OpenEdge SQL 🔨 v10.0B	What is a text file?
C TakeStock FedEx	DataDirect 4.20 32-BIT OpenEdge SQL v10.0B	What do I need to know about
C TakeStock CTI	DataDirect 4.20 32-BIT OpenEdge SQL	Integrating to UNIX files?
Freight Control	SQL Server	Tutorial
C Text File		✓
	Back Continue ()	Save



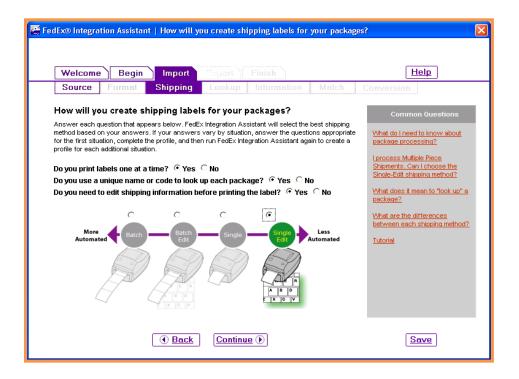
Select "ODBC" as the source of the shipping information. Then select the data source that was created in the previous section. Click on "Continue".

FedEx® Integration Assistant	×	
A connection error has occured. Contact your database administrator for assistance. If your database is password protected, click the login button.		
Cancel	Login	

To enter your password, click on "Login". You will be prompted for the SQL login name (usually "sa") and password.



Import > Shipping



Click on "Yes" for each of the questions, or click on "Single Edit" in the section below. Then click on "Continue".



Import > Lookup

🖉 FedEx® Integration Assistant How do you want to lookup and import information?	×
Welcome Begin Import Expant Finish	Help
Source Format Shipping Lookup Information Match C	Conversion
 How do you want to lookup and import information? Select the method below that most closely supports your shipping process. After I enter a lookup value Uses the value that you type into the lookup dialog box to lookup the record. After I enter a Recipient ID Uses the value you type into the Recipient ID text box to lookup the record. 	Common Questions When would Luse a unique Lookup Value? When would Luse a Recipient D2 Tutorial
Lookup Value Enter the lookup value for the package(s) you wish to import. Lookup: Abcd1234 OK Cancel	
Select the position you would like to leave the cursor after a lookup: Weight Select cursor position Number of Packages Weight Weight	Save

Select "After I enter a lookup value". Then select the cursor position for after the shipment ID has been entered (Invoice Number is the suggested choice). Then click on "Continue".



Import > Information

🖉 FedEx® Integration Assistant What types of information do you want to import?	\mathbf{X}
Welcome Begin Import Finish	Enversion Common Questions What shipping information is in each category? What information is required to ship a package? How do Luse the All Fields option? Tutorial
• Back Continue •	Save

On this screen, you must select each section in turn, and check the fields that contain information that will be imported from the *Achieve Freight Control* into FedEx Ship Manager[®]. Check the following fields:

Recipient:

Address1 Address2 City Company Contact Name Country Phone Postal Code State/Province Account Number



Package:

Height

Length

Width

Code

Notes

Bill Transportation To

Customer Reference

Declared Value

Invoice Number

PO Number

Package Type

Residential Delivery Flag

Service Type

Weight

<u>Sender:</u>

Address1 Address2 City Company Contact Name Phone Postal Code State/Province Account Number

Special Services:

Collect On Delivery-Amount Collect On Delivery-COD Flag Collect On Delivery-Collection Type Saturday Service-Delivery Flag Ship Alert-Recipient Email Ship Alert-Recipient Exception Notification Signature-Options



Click on "Continue" when all of the fields have been checked.

Import > Match

reacke integration Assistance Match reack	hip Manager fields with your fields.	- 0
Welcome Begin Import Source Format Shipping	Export Finish	Help
Match FedEx Ship Manage		Common Questions
	or import. Drag two of your data points to one field to merge. anced features. Click X on a matched field to clear the match.	tables and fields to select?
Your Data	FedEx Ship Manager Fields	The table or field I need is not in the list. What should
- Select your table -	Field Default (Optional)	Ldo? What are defaults?
	Shipment Address	How do I remove a match?
	Address 1	How do Luse Read Scale?
	Address 2 UShpToX	Can I see details about my data?
Drag to Match	Company	What is a field index? How do I merge data in
	Contact Name	the FedEx Ship Manager fields?
	Country UshpTot Select a default Phone UshpTot A	How do Ledit my data, before it is imported?
		How do I create a filter for my batch shipments?
View Table Data	Identify the key index field(s) for the table(s) you have selected. Select Index Define conditions for data on import. Set Conditions	<u>Tutorial</u>
Editing Profile	(Back Continue)	Save

The screen will then list all of the FedEx fields that have been checked. Using the charts found in the Appendix of this manual, match the FedEx fields with the ODBC table and field names. In some cases you may wish to enter a default value as well.

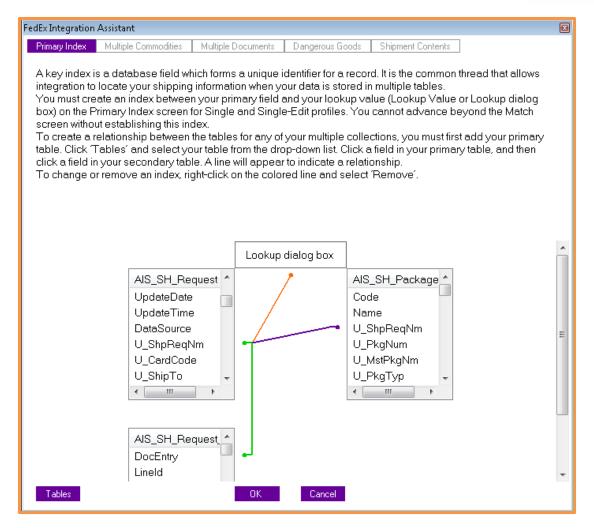
You may want to use the View Table Data button on the bottom left to see a sample of the actual data with the field names. This may help you to determine how the fields should be mapped.



View Table Da	ata						×
DocEntry	DocNum	Period	Instance	Series	Handwrtten	Canceled	Object
539	539	21	0	62	N	N	AIS_SH_OSHR_UD
540	540	21	0	62	N	N	AIS_SH_OSHR_UD
519	519	21	0	62	N	N	AIS_SH_OSHR_UD
527	527	21	0	62	N	N	AIS_SH_OSHR_UD
528	528	21	0	62	N	N	AIS_SH_OSHR_UD
601	601	23	0	62	N	N	AIS_SH_OSHR_UD
4							

When all of the fields have been mapped, use the "Select Index" button to indicate the key index field as well as the table/field relationships for the import.





Click on "OK" to return to the previous screen. Then click on "Continue".



Import > Conversion

🚝 FedEx® Integration Assistant Convert your fields to I	edEx Ship Manager fields.	
Welcome Begin Import Expo		Help
Source Format Shipping Loo	kup Information Match Conversion	
	Manager fields. hat you want to convert. Then, in the box on the right, select your value from one want to convert. Then, in the box on the right, select your value from one want to convert. Then, in the box on the right, select your value from one want to convert. Then, in the box on the right, select your value from one want to convert. Then, in the box on the right, select your value from one want to convert. Then, in the box on the right, select your value from one want to convert. Then, in the box on the right, select your value from one want to convert. Then, in the box on the right, select your value from one want to convert. The remove a field for the transformation of transfo	Common Questions What is conversion? When do I have to convert the format of my data to match the format required by FedEx? When would I duplicate a field? What is Conversion Catch All? Tutorial
Editing Profile	() Back Continue ()	Save

Some fields contain codes which are not the same in Ship Manager as they are in Business One. It is necessary to map the individual codes so that Ship Manager imports the correct content in each field. Use this conversion screen to do this.

The following connections are some of the ones that may need to be edited:

Collect on Delivery COD Flag

FSM value – No; your value – N FSM value- Yes; your value – Y

Residential Delivery Flag

FSM value – No; your value – Comm FSM value – Yes; your value – Res



Bill Transportation To

FSM value – Bill Recipient; your value – 2 FSM value – Bill Sender; your value – 1 FSM value – Bill Third Party; your value – 5

You may also need to convert Service Type if you did not use the same naming convention as FedEx when creating your Carrier Settings in Freight Control.

You may also choose to Edit other mappings the make sure your field values match FedEx's, such as Units of Measure, Package Types, etc.

When all of the conversions are set hit Continue.

Export > Destination

Destination	Format	nport E Method	xport Finish	Match	Com	/ersio	Help
Where do you w: beet the source of the bDBC-compliant data so ODBC (Open Data FedEx Integration Ass on this computer. If yo locate and register th NOTE: Only advance	shipping inform purce, a text file abase Connectiv sistant has foun pur data source	nation that you , or other exter vity Data Sourc d the following	want to integrate. Yo nal application (Quick e Name) ODBC-compliant data	Books, etc.). L	earn Moi ered	<u>e</u>	Common Questions dy DSN is not in the list. What should I do? What is ODBC Data Source Administrator? What do I need to know about ny data source?

Select "ODBC" as the destination of the shipping information. Then select the data source that was created in the previous section. Click on "Continue".



Export > Method

🖉 FedEx® Integration Assistant How will your data source receive exported information	m? 🔀
Welcome Begin Import Export Finish Destination Format Method Information Match Convers How will your data source receive exported information?	Help ion Common Questions
Select the event that will trigger the export and the method for writing information to the destination data source.	What is a record?
NOTE: To avoid unintentionally corrupting the data source, the export method that you choose here must be compatible with the structure of your data source. Contact your IT department if you are unsure of which option to use.	<u>What does inserting a record</u> <u>do?</u> What does updating a record
When do you want to export to your data source?	do?
 Each time a shipment is completed Also export each time a package is deleted. At the end of day On demand 	When should Luse the "When a package is deleted" option?
How do you want to update your data source?	
 Insert a new record ☐ Update an existing record ☐ Include manual shipments 	
Editing Profile <u>Back</u> <u>Continue</u>	Save

Select "Each time a shipment is completed" and "Insert a new record". Then click on "Continue".



Export > Information

🖉 FedEx® Integration Assistant What types of information do you want to export?	×
Welcome Begin Import Export Finish	Help
Destination Format Method Information Match Conversion	on
What types of information do you want to export?	Common Questions
Select the FedEx Ship Manager data groups that contain information you want to send back to your data source. Category choices match the key data entry areas in FedEx Ship Manager.	What is a tracking number?
 Tracking Numbers Charges Package Recipient Sender Special Services International All Fields 	What shipping charges can I export? How do I use the All Fields option? Tutorial
Editing Profile <u>Back</u> <u>Continue</u>	Save

On this screen, you must select each section in turn, and check the fields that contain information that will be exported from FedEx Ship Manager[®] into *Achieve Freight Control*. Check the following fields:

Tracking Numbers:

Master Tracking Number Tracking Number

Charges:

Total Customer Charge

Package:

Notes Customer Reference Weight

Click on "Continue" when all of the fields have been checked.



Export > Match

🕌 FedEx® Integration Assistant Match Fe	FedEx® Integration Assistant Match FedEx Ship Manager fields with your fields.								
Welcome Begin Impo	rt Export Finish ethod Information Matcl	h Conversion		Help					
Match FedEx Ship Mana Select the table from your data so more fields in your data source to	ger fields with your fields. purce to display for match. Drag and match for export. Drag two data po advanced features. Click X on a m Your Data Fields AIS_SH_OUPS_PKG Code U_ShpReqNm U_Status U_PkgNum U_Cost U_TrackNbr U_ScaleWt U_CODAmt	d drop the FedEx Ship Manager fields bints to one of your fields to merge. natched field to clear the match. Field Customer X Total Tracking X Weight X		Common Questions How do I know what tables and fields to select? The table or field that I need is not in the list. What should I duplicate a. field? When would I duplicate a. field? Mow do I remove a. match? Can I see details about my data? What is a field index? Tutorial					
Editing Profile	U Master TrackNbr Master View Table Data								

The screen will then list all of the FedEx fields that have been checked. Using the charts found in the Appendix of this manual, match the FedEx fields with the ODBC table and field names.

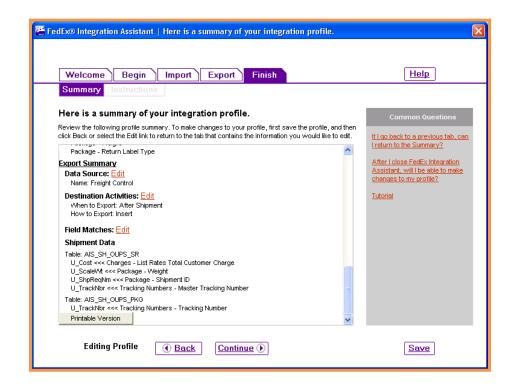
You may want to use the View Table Data button on the bottom left to see a sample of the actual data with the field names. This may help you to determine how the fields should be mapped.



/iew Tabl	e Data					×
Code	U_ShpReqNm	U_Status	U_PkgNum	U_Cost	U_TrackNbr	U_ScaleWt
1061	411	N	1	54.47	1Z305W750146775316	19.0
1062	411	N	2	54.31	1Z305W750148280721	18.0
1063	412	N	1	13.69	1Z305W750348104935	30.0
1064	412	N	2	16.56	1Z305W750347231942	45.0
2061	413	N	1	94.69	1Z305W750146765756	44.0
2062	413	N	2	88.88	1Z305W750148530362	41.0
2063	556	N	1	6.92	1Z305W750346553123	0.3
2065	600	N	1	16.78	1Z305W750348518355	45.3
2066	600	N	2	16.78	1Z305W750347450965	45.3
2067	600	N	3	16.78	1Z305W750348998373	45.3
(11			

After you are done click on "Continue".

Finish > Summary

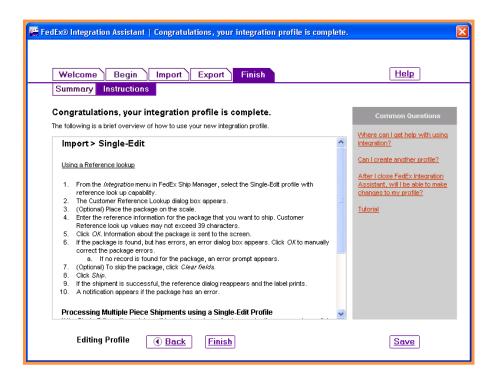




This screen provides a listing of all of the selections that have been made while creating the import/export profile. You may scroll to the bottom of the list to use the "Printable Version" button. You may also click on "Edit" next to any section you wish to examine in more detail or change.

Click on "Continue".

Finish > Instructions



The screen displays brief a list of instructions for using the profile when entering FedEx shipments in Ship Manager[®]. You may scroll to the bottom of the list to use the "Printable Version" button. Then click "Finish". You will be prompted to enter a name for your profile. When it is saved, the display returns to the main Ship Manager[®] input screen.

Note: You may return to the Integration Assistant at any time to make changes to your profile or to create a new one. You may also remove or duplicate profiles.



Using the Profile in Ship Manager®

Once the profile has been created, you can use it by means of the Integration menu. Select the desired profile from the list.

🜍 FedEx Ship Manager v.2912-a 0422729 Demo_90bySR		
File Databases Customize Utilities Integration Inbound	fedex.com Help	
Ship LTL Freight Track Shipping list - FedEx Integration	Assistant dex.com	FedEx
Shipment details Options ShipAlert Return sh		
Recipient information 91TestSR	d shipment details	Shortcuts
DaryITestHANA		Special Services
Ship to group		
	Number of packages:	
Recipient ID:	Weight: Ibs ▼ Service type: Select service type	
Country: US - United States -	Package type: Select package type	
Contact name:	Package dimensions: Select an item	
Company name:	Ship date: 12/02/2015	
Address 1:	Declared value: \$	
Address 2: Postal code: • 🏘 State/Province: 👻		
City:		
Telephone: () - Ext:		View/Edit Special Service Data Select Signature Options
This is a residential address		
Save in/update my address book	Billing details Bill transportation to: Select an item Acct #:	
	Department notes:	
Sender information	Customer reference:	dling
Change sender: SENDER0422729 - Ian Walsh 🗸	P.O. number:	
Current sender: Achieve IT Solutions	Additional references	
640 Belle Terre Rd.	Additional references	
Port Jefferson, NY 11777	Invoice number:	
Change return address: Current sender	Shipment ID:	
Achieve IT Solutions	Package contents 1:	
640 Belle Terre Rd.	Package contents 2:	
Port Jefferson, NY 11777	, denego contento 2.	[]
Clear fields Delete/Modify shipment Repeat shipment Overrid	e prefs Rate Quote and Transit Times	Multiple-piece shipment Ship
		Wednesday, December 02, 2015 12:33 PM 💥

Once the profile is selected, there will be a checkmark next to it when the menu is opened. This setting should remain after the user exits from Ship Manager[®] and logs back in at a later time. However, it is recommended to check the setting each day before beginning to process shipments.



When the profile is activated, the Lookup Value window will appear. This enables users to enter the Shipping Request number so that the Ship Manager[®] program will automatically import data from the order.

	s ShipAlert Return shi	pment			
Recipient information	on		Package and shipment	details	Shortcuts Special Services
Ship to group	Include a Return Label	Hold	<u>Number of packages:</u>	Identical packages	
Recipient ID:		- 🐴	<u>Weight:</u>	lbs 👻	
Country: L	JS - United States	-	Service type:		▼
Contact name:				Select package type	•
Company name:			Package dimensions:		
Address 1:			<u>Ship date:</u>		
Address 2:			Declared value:	\$	
Postal code:	. 🍂 St	Lookup Value			
City:		Enter the lookup val	ue for the package(s) you v	vish to import.	
Telephone: (] •				View/Edit Special Service Data
		Lo	okup:		Select Signature Options
	This is a residential add				
] Save in/update my ad		ОК	Cancel	
Sender information			Customer reference:	✓ Add'I han	dling
Change sender:	SENDER0422729 - Iar	n Walsh 🔹	P.O. number:		•
Current sender:	Achieve IT Solutions 640 Belle Terre Rd.		Additional references		
	Port Jefferson, NY 1177	77			
Change return address:	Current sender	•	Invoice number:		•
		View/Edit	Shipment ID:		•
	Achieve IT Solutions		Package contents 1:		
	640 Belle Terre Rd. Port Jefferson, NY 1173		Package contents 2:		

Note: The Lookup Value window will remain on the screen for the rest of the session, unless the user closes it. If it is closed, it may be opened again from the drop-down menu. If the window is open at the time the user exits from Ship Manager[®], it should appear automatically the next time the user opens the Ship Manager[®] program.



Appendix I: Freight Control Mappings for UPS WorldShip[®]

The following tables may be used as a guide to creating the WorldShip[®] import and export maps. However, UPS may change its field names or functionality at any time. It is always advisable to enlist the assistance of a UPS support representative when creating the mapping files.

Note: That it is possible to map a field in either system to multiple fields in the other system.

Freight Control Table	Field	UPS Worldship Table	Field
AIS_SH_Package	U_CODAmt	Package	COD Amount
AIS_SH_Package	U_CODFrt	Package	Add Shipping Charges To COD Indicator
AIS_SH_Package	U_InsVal	Package	Declared Value Amount
AIS_SH_Package	U_PkgNum	Package	Reference 5
AIS_SH_Package	U_PkgTyp	Package	Package Type
AIS_SH_Request	U_AISDeclared	Package	Declared Value Option
AIS_SH_Request	U_BaseDocNum	Package	Reference 1
AIS_SH_Request	U_CODSecur	Package	Cashier's Check/Money Order Only Indicator
AIS_SH_Request	U_CODShip	Package	COD Option
AIS_SH_Request	U_CustPO	Package	Reference 2
AIS_SH_Request	U_ShpReqNm	Package	Reference 3
AIS_SH_Request	U_ShpFrAd1	Ship From	Address 1
AIS_SH_Request	U_ShpFrAd2	Ship From	Address 2
AIS_SH_Request	U_ShpFrAd3	Ship From	Address 3
AIS_SH_Request	U_ShpFrCn	Ship From	Country/Territory
AIS_SH_Request	U_ShpFrCnt	Ship From	Attention
AIS_SH_Request	U_ShpFrCt	Ship From	City or Town
AIS_SH_Request	U_ShpFrEm	Ship From	Email Address
AIS_SH_Request	U_ShpFrNm	Ship From	Company or Name
AIS_SH_Request	U_ShpFrPh	Ship From	Telephone
AIS_SH_Request	U_ShpFrSt	Ship From	State/Province/County
AIS_SH_Request	U_ShpFrZp	Ship From	Postal Code

Import Mapping



Freight Control	Field	UPS Worldship Table	Field
Table			
AIS_SH_Request	U_AcctNbr	Ship To	Receiver UPS Account Number
AIS_SH_Request	U_AISResComm	Ship To	Residential Indicator
AIS_SH_Request	U_ShipToNm	Ship To	Company or Name
AIS_SH_Request	U_ShpReqNm	Ship To	Tax ID Number
AIS_SH_Request	U_ShpToAd1	Ship To	Address 1
AIS_SH_Request	U_ShpToAd2	Ship To	Address 2
AIS_SH_Request	U_ShpToAd3	Ship To	Address 3
AIS_SH_Request	U_ShpToCn	Ship To	Country/Territory
AIS_SH_Request	U_ShpToCt	Ship To	City or Town
AIS_SH_Request	U_ShpToEm	Ship To	Email Address
AIS_SH_Request	U_ShpToNm	Ship To	Attention
AIS_SH_Request	U_ShpToPh	Ship To	Telephone
AIS_SH_Request	U_ShpToSt	Ship To	State/Province/County
AIS_SH_Request	U_ShpToZp	Ship To	Postal Code
AIS_SH_Request	U_AdultSig	Shipment Information	Delivery Confirmation Adult Signature Required
AIS_SH_Request	U_BillDuty	Shipment Information	Bill Duty and Tax To
AIS_SH_Request	U_CallTag	Shipment Information	Return Service Option
AIS_SH_Request	U_CODAmt	Shipment Information	COD Amount
AIS_SH_Request	U_CODShip	Shipment Information	COD Option
AIS_SH_Request	U_EmlNot	Shipment Information	QVN Option
AIS_SH_Request	U_FrtChgTp	Shipment Information	Bill Transportation To
AIS_SH_Request	U_NbrPkgs	Shipment Information	Number of Packages
AIS_SH_Request	U_SatDel	Shipment Information	Saturday Delivery Option
AIS_SH_Request	U_ShpToEm	Shipment Information	Recipient Email Address
AIS_SH_Request	U_SigReqd	Shipment Information	Delivery Confirmation Option
AIS_SH_Request	U_SvcLvl	Shipment Information	Service Type
AIS_SH_Request	U_AcctNbr	Third Party	UPS Account Number
AIS_SH_Request	U_BilToAd1	Third Party	Address 1
AIS_SH_Request	U_BilToAd2	Third Party	Address 2
AIS_SH_Request	U_BilToCn	Third Party	Country/Territory
AIS_SH_Request	U_BilToCnt	Third Party	Attention
AIS_SH_Request	U_BilToCt	Third Party	City or Town
AIS_SH_Request	U_BilToNm	Third Party	Company or Name
AIS_SH_Request	U_BilToPh	Third Party	Telephone
AIS_SH_Request	U_BilToSt	Third Party	State/Province/County
AIS_SH_Request	U_BilToZp	Third Party	Postal Code



Export Mapping

Note: The positions of the WorldShip[®] tables and Freight Control tables are reversed from the import mapping. The mappings in yellow are optional and used if you will be editing shipment information in Worldship that you want exported to SAP for document updates.

Note: The ones in Yellow are only necessary if you want any changes you make to a shipment inside of UPS Worldship to be reflected in SAP.

UPS WorldShip Table	Field	Freight Control Table	Field
Package	COD Amount	AIS_SH_OUPS_PKG	U_CODAmt
Package	Package Published Charge	AIS_SH_OUPS_PKG	U_Cost
Package	Reference 5	AIS_SH_OUPS_PKG	U_PkgNum
Package	Tracking Number	AIS_SH_OUPS_PKG	U_TrackNbr
Package	Void Indicator	AIS_SH_OUPS_PKG	U_Status
Package	Weight	AIS_SH_OUPS_PKG	U_ScaleWt
Ship To	Tax ID Number	AIS_SH_OUPS_PKG	U_ShpReqNm
Ship To	Tax ID Number	AIS_SH_OUPS_SR	U_ShpReqNm
Ship To	Address 1	AIS_SH_OUPS_SRH	U_ShpToAd1
Ship To	Address 2	AIS_SH_OUPS_SRH	U_ShpToAd2
Ship To	Address 3	AIS_SH_OUPS_SRH	U_ShpToAd3
Ship To	Attention	AIS_SH_OUPS_SRH	U_ShpToNm
Ship To	City or Town	AIS_SH_OUPS_SRH	U_ShpToCt
Ship To	Company or Name	AIS_SH_OUPS_SRH	U_Sh <mark>i</mark> pToNm
Ship To	Country/Territory	AIS_SH_OUPS_SRH	U_ShpToCn
Ship To	Email Address	AIS_SH_OUPS_SRH	U_ShpToEm
Ship To	Postal Code	AIS_SH_OUPS_SRH	U_ShpToZp
Ship To	State/Province/County	AIS_SH_OUPS_SRH	U_ShpToSt
Ship To	Tax ID Number	AIS_SH_OUPS_SRH	U_ShpReqNm
Ship To	Telephone	AIS_SH_OUPS_SRH	U_ShpToPh
Shipment Information	Actual Weight	AIS_SH_OUPS_SR	U_ScaleWt
Shipment Information	COD Amount	AIS_SH_OUPS_SR	U_CODAmt
Shipment Information	Lead Tracking Number	AIS_SH_OUPS_SR	U_TrackNbr
Shipment Information	Total Shipment Published Charge	AIS_SH_OUPS_SR	U_Cost
Shipment Information	Void Indicator	AIS_SH_OUPS_SR	U_Status
Shipment Information	Bill Duty and Tax To	AIS_SH_OUPS_SRH	U_BillDuty
Shipment Information	Bill Transportation To	AIS_SH_OUPS_SRH	U_FrtChgTp
Shipment Information	Service Type	AIS_SH_OUPS_SRH	U_SvcLvl



Appendix II: Freight Control Mappings for FedEx Ship Manager[®]

The following listing may be used as a guide to creating the Ship Manager[®] import and export maps. However, FedEx may change its field names or functionality at any time. It is always advisable to enlist the assistance of a FedEx support representative when creating the mapping files.

General Profile type: Import and Export Profile name: FreightControl Modified: 7/23/2014 1:18:24 PM

Import Summary

Data Source: Name: Prod_Live Lookup: Method: Lookup dialog box Shipping Activities: Shipping method: Single Edit Review/edit information before shipping: Yes Field Matches:

Shipment Data

Table: AIS_SH_Request

U_AISResComm >>> Package - Residential Delivery Flag

U_AcctNbr >>> Recipient - Account Number

U_CODAmt >>> Special Services - Collect on Delivery Amount

U_CODSecur >>> Special Services - Collect on Delivery Collection Type

U_CODShip >>> Special Services - Collect on Delivery COD Flag

U_EmlNot >>> Special Services - Ship Alert Recipient Shipment Notification

U_FrtChgTp >>> Package - Bill Transportation To

U_SatDel >>> Special Services - Saturday Services Delivery Flag

U_ShipToNm >>> Recipient - Company

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U_ShpFrAd1 >>> Sender - Address 1

- U_ShpFrAd2 >>> Sender Address 2
- U_ShpFrCnt >>> Sender Contact Name
- U_ShpFrCt >>> Sender City
- U_ShpFrNm >>> Sender Company
- U_ShpFrPh >>> Sender Phone
- U_ShpFrSt >>> Sender State/Province
- U_ShpFrZp >>> Sender Postal Code
- U_ShpReqNm >>> Package Customer Reference
- U_ShpToAd1 >>> Recipient Address 1
- U_ShpToAd2 >>> Recipient Address 2
- U CustPO >>> Package P.O. Number
- U ShpToCn >>> Recipient Country
- U_ShpToCt >>> Recipient City
- U_ShpToEm >>> Special Services Ship Alert Recipient Email
- U_ShpToNm >>> Recipient Contact Name
- U_ShpToPh >>> Recipient Phone
- U_ShpToSt >>> Recipient State/Province
- U_ShpToZp >>> Recipient Postal Code
- U_SigReqd >>> Special Services Signature Options
- U_SvcLvl >>> Package Service Type

Table: AIS_SH_Package

- U_InsVal >>> Package Declared Value
- U_PkgNum >>> Package Code
- U_PkgNum >>> Package Notes
- U_PkgNum >>> Package Invoice Number
- U_Weight >>> Package Weight

Default(s):

Residential Delivery Flag = False Recipient Shipment Notification = False Country = US Weight = \$READSCALE\$ Package Type = 1



Export Summary

Data Source: Name: Prod_Live Destination Activities: When to Export: After Shipment How to Export: Insert Field Matches:

Shipment Data

Table: AIS_SH_OUPS_PKG U_Cost <<< Charges - Customer Rates Total Customer Charge U_MasterTrackNbr <<< Tracking Numbers - Master Tracking Number U_PkgNum <<< Package - Notes U_ScaleWt <<< Package - Weight U_ShpReqNm <<< Package - Customer Reference U_TrackNbr <<< Tracking Numbers - Tracking Number

Appendix III: International Shipping

For International Shipping there are a few more fields that must be mapped. *Achieve Freight Control* will add a couple of User Defined Fields to SAP Business One to accommodate this.

Item Master

Country of Origin

A UDF will be added to the Item Master Data for Country of Origin. You will need to set Valid Values for this UDF using the standard SBO Country Codes (with US as the default). It is only necessary to setup those countries that you will be using so you don't have a huge list in the UDF drop down. To do this start by going to the User Defined Field Management screen.



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Once in there navigate to Master Data > Items > Items > AISCountryOrg, highlight it, and hit Update on the bottom to bring up the field data screen.

Field	Da	ta							
Title			AISCountryOrg		Description	Co	untr	y of Origin	
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✓ Set Default Value for Field									
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Once in this screen you can add the countries that you will be using for international shipping. If you need additional help with this please contact your SAP Support team.

Tariff Number

For Tariff Numbers there is not a new UDF, just use the Standard SAP Business One Customs Group field.

tem No. Manual	UoM	1GroupStandard						✓ Inventory	Item	m	
Description		Has a UoM Group 9	standard					✓ Sales Item			
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Tax Type Standard Purchase Pack											

Marketing Documents

There will be 2 UDFs added to Marketing Documents Rows for Country of Origin and Tariff Number. These 2 fields will have formatted searches set in them to pull the Country of Origin and Tariff Number from the Item Master into the marketing documents automatically.



Sales Order										
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Remarks						Tax Total				\$ 6.50
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Carrier Software Additional Mappings

There will need to be some additional Import mappings setup for International Shipping in UPS Worldship and FedEx Ship Manager.

Note: That even though we will be importing in the appropriate data, if you require an Invoice for International Shipping you will need to contact UPS or Fed Ex directly to help you with form design.

UPS

Import Mappings

Freight Control Table	Field	UPS Worldship Table	Field
AIS_SH_Request_Lines	U_AISTarriffNum	Goods	Inv/NAFTA/CN22 Tariff Code
AIS_SH_Request_Lines	U_AISCountryOrg	Goods	Inv/NAFTA/CO/CN22 Country/Territory Of Origin
AIS_SH_Request_Lines	ItemName	Goods	Description Of Good
AIS_SH_Request_Lines	U_QtyShpd	Goods	Invoice/CN22 Units
AIS_SH_Request_Lines	UnitPrice	Goods	Invoice/SED/CN22 Unit Price
AIS_SH_Request_Lines	UOMCode	Goods	Invoice/CN22 Unit Of Measure
AIS_SH_Request_Lines	ItemCode	Goods	Part Number

In addition to the above mappings you may need to choose a field from SAP to map to Shipment Information: Description of Goods if necessary.

Also make sure you add the following Foreign Key relationship: AIS_SH_Request:U_ShpReqNum to AIS_SH_Request_Lines:DocEntry

Note: You may need to set up additional map translations for these new mappings to match up data in case there are different definitions in SAP and UPS (e.g. Country of Origin or UOM).



Fed Ex Ship Manager

Import Mappings

Table: AIS_SH_Request_Lines

ItemCode >>> International – Commodity Part Number

ItemName >>> International - Commodity Description

UOMCode >>> International - Commodity Unit Of Measure

U_AISCountryOrg >>> International - Commodity Country of Manufacture

U_AISTarriffNum >>> International - Commodity Harmonized Code

U_QtyShpd >>> International - Commodity Unit Quantity

UnitPrice >>> International - Commodity Unit Value

Also make sure you use the Select Index button on the Import/Match tab to link: AIS_SH_Request:U_ShpReqNum to AIS_SH_Request_Lines:DocEntry

Note: You may need to set up additional map translations for these new mappings to match up data in case there are different definitions in SAP and FedEx (e.g. Country of Origin or UOM).