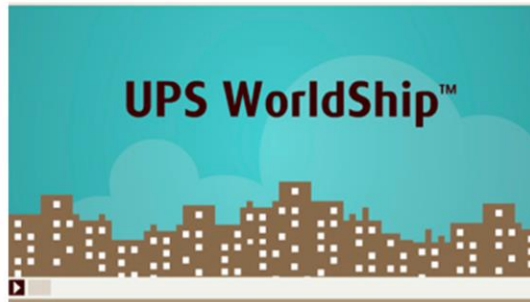


UPS Worldship Integration



Notes:



Introduction

- MDS-Nx – Auto installs ODBC client.

Introduction

The Universe ODBC 2016 Client Installation guide describes how to install, configure, and use UniVerse ODBC drivers on client systems.

The second part of the guide, will show you how to create the WorldShip mappings.

Notes:



MDS-Nx Installation

- Use the MDS-Nx installation guide to install the MDS-Nx client:

<http://support.tshinc.com/MDSnxInstall.pdf>

Download

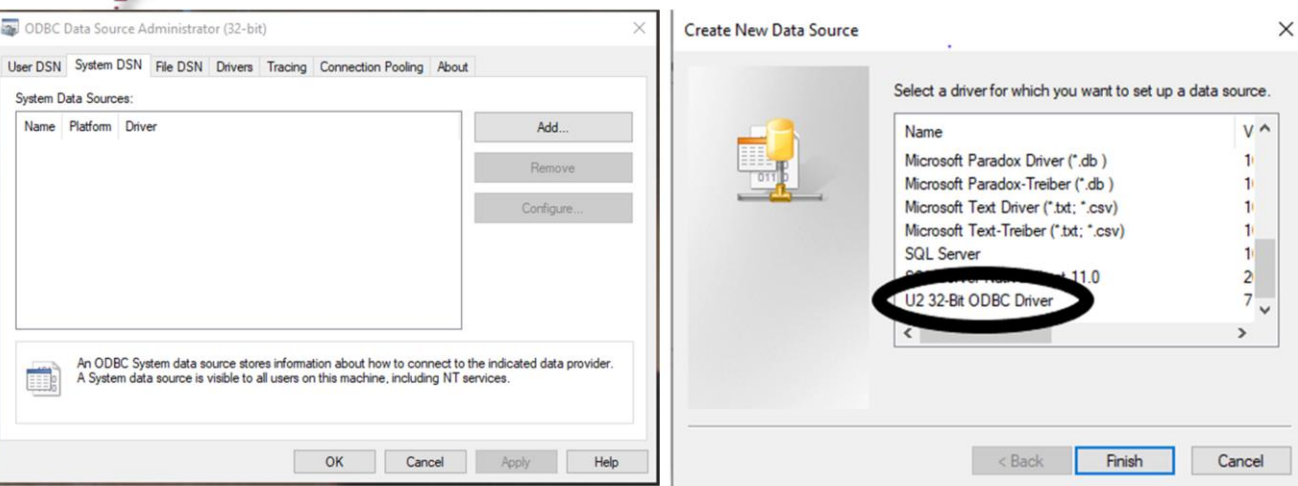
Using a web browser navigate to support.tshinc.com

On the right-hand side select the ODBC Drivers (32-Bit) – 2016 version

This will download the U2ODBC-32.zip file to your computer

Notes:

Create a New System Data Source



Creating A New System Data Source Name

This step will create a system data source name to be used in reporting tools such as: Excel, Crystal Reports, and Access.

Click on Start -> click on Control Panel -> click on Administrative Tools -> click on Data Sources (ODBC)

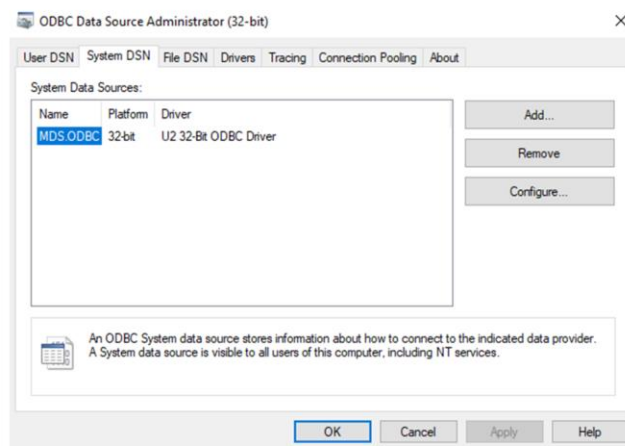
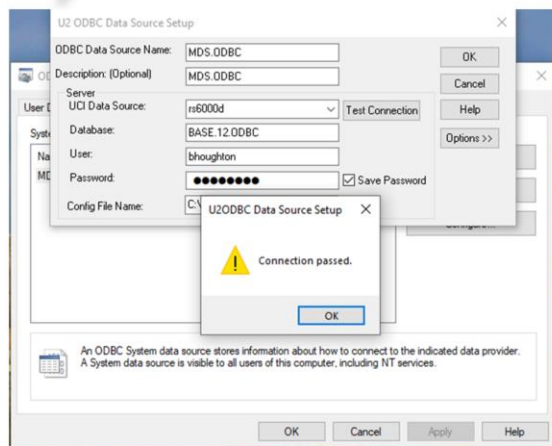
For Windows 10 64 bit Navigate to
C:\Windows\SysWOW64\ODBCAD32.EXE

From here, click on the tab labeled "System DSN", then click on the "ADD" button to create a new System DSN. *See example on the left of page.*

A box titled "Create New Data Source" is displayed. Click on the driver "U2 32-Bit ODBC Driver", then click on "Next". *See example on the right of page.*

Notes:

Create a New System Data Source



Creating A New System Data Source Name UniVerse ODBC Data Source Setup

ODBC Data Source Name: Enter "ACCOUNTNAME.ODBC"

Description: Enter "ACCOUNTNAME.ODBC".

Server UCI Data Source: Enter the server's name that was used when creating the data source in the UCI Editor.

Database: Enter the MDS Database name, which is "ACCOUNTNAME.ODBC".

User: Enter the user's login

Password: Enter the user's password and click Save Password

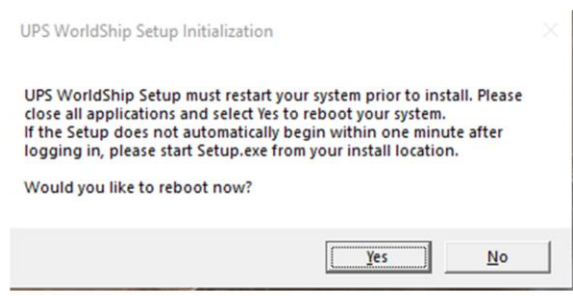
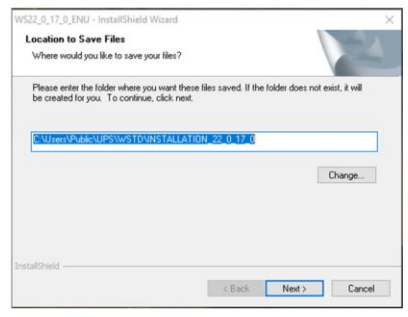
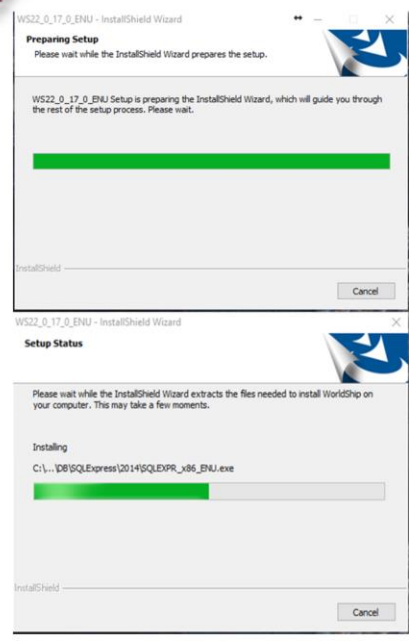
Once completed, click on the button "Test Connection". If the data source is setup correctly, you should receive the message, "Connection passed". If you receive any errors, make sure the username and password are correct also make sure the user has proper rights/privileges on the pc.

Next, click on "OK" to save the system data source. Once saved, you should be able to see the data source listed (*as in example on right*).

Click 'OK', you then can close out of Administrative Tools.

Notes:

Setting up UPS WorldShip Installing WorldShip



Once Downloaded from UPS's Website or the link below:

https://download.worldshipmedia.com/productio n/WS22_0_17_0_ENU.exe

Run the WS22_0_17_0_ENU.EXE (Or current version) and the above screens will appear

Preparing Setup: Begins the install process

Location to Save Files: This will allow you to choose a path to save the installed files to (We suggest you leave this path at the default) and click Next

Setup Status :This will run after you click Next on the Location to Save Files and being extracting the program to the saved path.

UPS WorldShip Setup Initialization: UPS May need to restart after the install is complete make sure to save all of your work then click yes and let the system reboot.

Notes:

Setting up UPS WorldShip Installing WorldShip



Installing WorldShip

Once Rebooted run the WS22_0_17_0 and the following screen will come up after initialization

Choose your Country/Territory of Installation from the drop down and click Next

Notes:

Setting up UPS WorldShip Installing WorldShip P2



UPS WorldShip Setup

License Agreement

You must accept the terms of the license agreement in order to install the UPS WorldShip. If you accept the terms of the following license agreement, select I Accept.

UPS TECHNOLOGY AGREEMENT
Version UTA.09072018

PLEASE CAREFULLY READ THE FOLLOWING TERMS AND CONDITIONS OF THIS UPS TECHNOLOGY AGREEMENT. BY INDICATING BELOW THAT YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THIS AGREEMENT, YOU HAVE ENTERED INTO A LEGALLY BINDING AGREEMENT WITH UPS MARKET DRIVER, INC. ("UPS").

This Agreement comprises (1) these General Terms and Conditions (including its attached Exhibit A (Definitions - General Terms and Conditions) and Exhibit B (Country Specific Amendment to the General Terms and Conditions); (2) the End User Rights (including its attached Exhibit A (Definitions - End User Rights), Exhibit B (UPS Technology), and Exhibit C (Permitted Territory)) available at <https://www.ups.com/us/en/help-center/legal-terms-conditions/technology-agreement.page> (as such End User Rights may change from time to time in accordance with its terms); and (3) the documentation referenced in any of the foregoing, which are all incorporated by reference. You hereby confirm that You have read and fully understand BOTH the General Terms and Conditions AND the End User Rights which are available for Your review by accessing <https://www.ups.com/us/en/help-center/legal-terms-conditions/technology-agreement.page> INCLUDING the documentation referenced therein. The Agreement may be presented to You more than once in conjunction with Your access and use of UPS Technology. Unless the version of the Agreement has changed, each instance serves to confirm the Agreement as mutually entered into and not to create an additional or separate agreement.

I accept the terms in the license agreement
 I decline to accept the terms in the license agreement

Print LINKS <Back Next> Exit

License Agreement

Click I accept the terms in the license agreement after reading through and click Next

Notes:



Setting up UPS WorldShip Installing WorldShip P3

Installation Type Selection

Please select the desired installation type

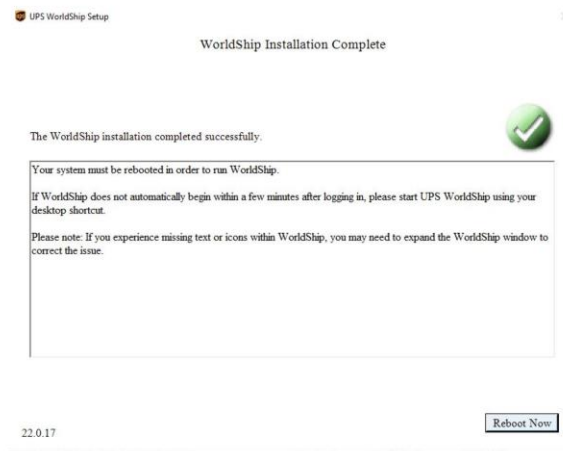
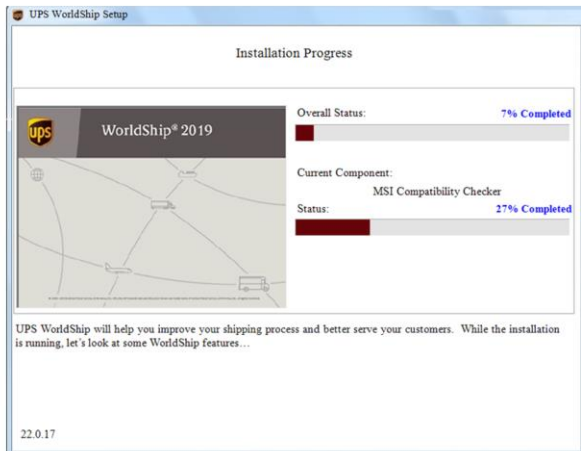
The screenshot shows a window titled "UPS WorldShip Setup" with a close button (X) in the top right corner. The main title is "Installation Type Selection". Below the title, it says "Please select desired installation type:". There are three radio button options:

- Single Workstation
- Workgroup Admin
(LAN Admin)
- Workgroup Remote
(LAN Remote)

At the bottom left, the version number "22.0.17" is displayed. At the bottom right, there are three buttons: "<Back", "Install>", and "Exit".

Notes:

Setting up UPS WorldShip Installing WorldShip P4



Installation Progress

After you Select your installation type the System will Install. Once complete the System will ask to reboot your system again. Once you've saved all your work reboot.

After the install completes you will be asked to reboot one final time. (right side screen)

If UPS does not start after the reboot click the desktop Icon.

After this screen depending on what is already installed you may have to enter in your company and UPS Bill information. Make sure you have a current UPS Invoice handy to fill this information out.

Notes:



UPS WorldShip Import P1

UPS WorldShip Mapping Freight Import

Once UPS WorldShip install is completed Open WorldShip and go to Import-Export in the top header bar-> Click Keyed Import -> More -> Created Edit Map

The screenshot shows the UPS WorldShip software interface. The main window is titled 'UPS WorldShip' and has a menu bar with 'Home', 'Tools', 'Printing Activities', 'Import-Export', 'UPS.com', and 'Support'. The 'Import-Export' menu is open, showing options like 'Keyed Import', 'Batch Import', 'Automatic Import', 'Batch Export', 'Automatic Export', 'Export Selected', and 'Pickup Date'. A 'More...' button is visible under 'Keyed Import'. The 'Select map from list for import' dialog box is open, displaying a table of maps:

Map Name	Map Type	ODBC DSN/Location
Sample Order Import 1	Shipment	UPS WorldShip Sample...
{ Default Import }	Freight Shipment	
{ Default Import }	Shipment	

At the bottom of the dialog box are buttons for 'Import', 'Create / Edit Map', 'Cancel', and 'Help'. The 'Create / Edit Map' button is highlighted in blue. The background window shows various shipping options and address fields.

Notes:



UPS WorldShip Import P2

Create or edit an import or export map

Map Name	Map Type	ODBC DSN/Location
Sample Order Import 1	Shipment	UPS WorldShip SampleOrderIm...
{ Default Import }	Freight Shipment	
{ Default Import }	Shipment	

Buttons: Edit, Copy, Rename, Delete, View, ODBC Login

New Map

Import from ODBC Database
 Export to ODBC Database
 Import from XML
 Export CSV
 Export to XML

Map Type: **Shipment** (dropdown menu open showing Freight Shipment, Shipment)

Name: FREIGHT.IMPORT Create

Close Help

Select an ODBC source

localud_32
localuv32
FREIGHT
UPS_WS_Activity
UPS Default Import - WorldShip
UPS Default Export - WorldShip
UPS Default Import - MyUPS
UPS Default Export Ref Qualifier
UPS Default Import Ref Qualifier

Buttons: OK, Cancel, Help

ID:

Password:

UPS WorldShip Mapping

Freight Import

A box will be displayed titled, "Create or edit an import or export map". Go to Map Type and choose Shipment from the drop-down menu. Next go to Name and enter "FREIGHT.IMPORT".

Click on the "CREATE" button. *(As shown in the example on the left.)*

A box will be displayed, titled "Select an ODBC source".

Select the ODBC Source with your Account name , ie. BASE.12

Next to "**ID**" enter the username that will access the MDS software.

Next to "**PASSWORD**" enter the username's password.

Click on the "OK" button. *(As shown in example on right).*

Notes:



UPS WorldShip Import P3

Edit 'FREIGHT.IMPORT' import map

ODBC Tables				WorldShip Fields	
FRT_AUDIT_XREF				Shipment Information	
C...	Column Name	Type	Width	Fi...	Field
1	Z_ID	VChar	254	1	Void Indicator
2	RELEASE	VChar	254	2	Collection date
3	BOXNO	VChar	254	3	UPS Synchronized Delivery Option
4	SHIPNAME	VChar	254	4	UPS Synchronized Delivery Deliver ...
5	ADD1	VChar	254	5	Profile Name
6	ADD2	VChar	254	6	Service Type
7	ADD3	VChar	254	7	Endorsement
8	CITY	VChar	254	8	Billing Option

Define Primary Key for Import Connect Disconnect

Define Foreign Key Relationships

What You Have Mapped So Far: Prompt for the table name each time the map is used

ODBC Tables WorldShip Fields

Edit

ODBC Login

OK

Cancel

Help

UPS WorldShip Mapping

Freight Import

The next step is connecting the ODBC tables to the WorldShip fields.

A box titled, "Edit 'FREIGHT.IMPORT' import map" will be displayed.

On the left-hand side there is a dropdown box titled "ODBC Tables", click on the dropdown box and select "FRT_AUDIT_XREF".

On the right-hand side there is a dropdown box titled "WorldShip Fields", click on the dropdown box and select "Shipment Information".

Notes:



UPS WorldShip Import P4

Edit 'FREIGHT.IMPORT' import map

ODBC Tables				WorldShip Fields	
C...	Column Name	Type	Width	R...	Field
18	SHIPDESC	VChar	254	49	UPS Mail Innovations Returns Servic...
19	UPDSHIPMETH	VChar	254	50	Commercial Invoice Removal Option
20	BOX	VChar	254	51	Saturday Delivery Option
21	SATURDAY	VChar	254	52	Saturday Pickup Option
22	COUNTRY_CO...	VChar	254	53	Return of Document Option
23	RES	VChar	254	54	QVN Option
24	EMAIL	VChar	254	55	QVN Ship From Company or Name
25	PHONE	VChar	254	56	QVN Subject Line

Buttons: Define Primary Key for Import, Define Foreign Key Relationships, Connect, Disconnect, Edit, ODBC Login, OK, Cancel, Help

What You Have Mapped So Far:

ODBC Tables	WorldShip Fields
FRT_AUDIT_XREF::SATURDAY	Shipment Information::Saturday Delivery Option

UPS WorldShip Mapping

Freight Import

On the left-hand side under FRT_AUDIT_XREF click on **SATURDAY**

On the right-hand side under Shipment Information click on **Saturday Delivery Option**

Now click on Connect and move to the next field shown in the slide on the following Page.

When **Shipment Information** is complete you can move to the **Package** and then **Ship To**

Notes:



UPS WorldShip Import P5

WorldShip Fields Dropdown	IMPORT	
Shipment Information	ODBC Tables	WorldShip Fields
	SATURDAY	Saturday Delivery Option
	SHIP DESC	Service Type
Package		
	WEIGHT	Weight
	RELEASE	Reference1
Ship To		
	ZIP	Postal Code
	STATE	State/Province/County
	SHIPNAME	Company Or Name
	CITY	City
	ADD1	Address 1
	ADD2	Address 2
	ADD3	Address 3
	PHONE	Telephone

UPS WorldShip Mapping

Freight Import

The above screen shows The rest of the required fields to map between UPS and the MDS-NX System. There are more WorldShip fields that you can test and use if needs be.

Notes:



UPS WorldShip Import P6

Edit 'FREIGHT.IMPORT' import map

ODBC Tables

FRT_AUDIT_XREF

C...	Column Name	Type	Width
1	Z_ID	VChar	254
2	RELEASE	VChar	254
3	BOXNO	VChar	254
4	SHIPNAME	VChar	254
5	ADD1	VChar	254
6	ADD2	VChar	254
7	ADD3	VChar	254
8	CITY	VChar	254

Define Primary Key for Import

UPS WorldShip Mapping

Freight Import

The next step is to define the key for the FREIGHT.IMPORT file.

In the ODBC Tables section, underneath the drop-down box titled "FRT_AUDIT_XREF" (*this should already be showing*), click on the column named "RELEASE".

Next click on the button "Define Primary Key for Import"

Then click on the "OK" button.

This will bring you back to the Create or edit an import or export map screen and you can click Close

The Select Map from list for import screen is displayed click cancel.

The Import Mapping is now complete

Notes:



UPS WorldShip Export

UPS WorldShip Mapping

Freight Export

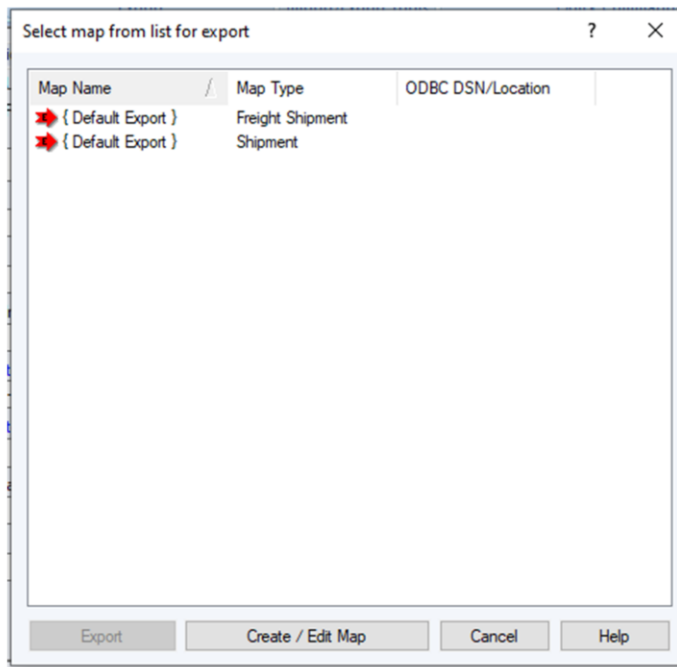
Click on Import Export -> Automatic Export -> Export After Shipment Processing -> More

The screenshot shows the UPS WorldShip software interface. The 'Import-Export' menu is open, and the 'Export After Shipment Processing' option is selected. A sub-menu is displayed with the following options: 'Off' (checked), 'More...', and 'Multiple Maps...'. The main interface includes fields for 'Ship To', 'Ship From', 'Distribution', 'Customer ID', 'Company or Name', 'Attention', 'Address 1', 'Address 2', 'Address 3', 'Country/Territory', 'Postal Code', 'City or Town', 'State/Province/County', 'Telephone', 'Email Address', 'UPS Account Number', and 'Tax ID Number'. The 'Shipper' is set to '067886' and the 'Profile' is 'UPS'. The 'Weight (lb)' is '0.0' and the 'Published' cost is '0.00'. The status bar at the bottom indicates 'Ver: 22.0.17 | XOFI | Pending: 0 Shpmt(s), 0 Pkg(s)'.

Notes:



UPS WorldShip Export P2



UPS WorldShip Mapping Freight Export

The Select map from list or Export box appears similar to the way the import did.

Click on **Create/ Edit Map**

Notes:



UPS WorldShip Export P3

Create or edit an import or export map

Map Name	Map Type	ODBC DSN/Location
{ Default Export }	Freight Shipment	
{ Default Export }	Shipment	

New Map

Import from ODBC Database
 Export to ODBC Database
 Export CSV

Import from XML
 Export to XML

Map Type:

Name:

UPS WorldShip Mapping

Freight Export

A box will be displayed titled, "Create or edit an import or export map". In the Name field Enter FREIGHT.EXPORT

Click on the "CREATE" button. *(As shown in the example on the left.)*

A box will be displayed, titled "Select an ODBC source".

Select the Odbc Source with your Account Name , ie BASE.12

Next to "**ID**" enter the username that will access the MDS software.

Next to "**PASSWORD**" enter the username's password.

Click on the "OK" button. *(As shown in example on right).*

Select an ODBC source

ID:

Password:

Notes:



UPS WorldShip Export P4

Edit 'FREIGHT.EXPORT' export map

WorldShip Fields

Ship To

Fi...	Field
1	Customer ID
2	Company or Name
3	Attention
4	USPS PO Box Indicator
5	Address 1
6	Address 2
7	Address 3
8	Country/Territory

ODBC Tables

FRT_AUDIT

C...	Column Name	Type	Width
1	Z_ID	VChar	254
2	BOXNO	VChar	254
3	RELNO	VChar	254
4	SHIPNAME	VChar	254
5	ADD1	VChar	254
6	ADD2	VChar	254
7	ADD3	VChar	254
8	CITY	VChar	254

Connect Disconnect

What You Have Mapped So Far: Prompt for the table name each time the map is used

WorldShip Fields	ODBC Tables

Edit
 ODBC Login
 OK
 Cancel
 Help

UPS WorldShip Mapping

Freight Export

The next step is connecting the ODBC tables to the WorldShip fields.

A box titled, "Edit 'FREIGHT.EXPORT' export map" will be displayed.

On the left-hand side there is a drop-down box titled "WorldShip Fields", click on the drop-down box and select "Ship To".

On the right-hand side there is a drop-down box titled "ODBC Tables", click on the drop-down box and select "FRT_AUDIT".

Notes:



UPS WorldShip Export P5

Edit 'FREIGHT.EXPORT' export map

WorldShip Fields

Ship To

F...	Field
3	Attention
4	USPS PO Box Indicator
5	Address 1
6	Address 2
7	Address 3
8	Country/Territory
9	Postal Code
10	City or Town

ODBC Tables

FRT_AUDIT

C...	Column Name	Type	Width
5	ADD1	VChar	254
6	ADD2	VChar	254
7	ADD3	VChar	254
8	CITY	VChar	254
9	STATE	VChar	254
10	ZIP	VChar	254
11	SHIPZONE	VChar	254
12	SHIPMETHOD	VChar	254

Prompt for the table name each time the map is used

What You Have Mapped So Far:

WorldShip Fields	ODBC Tables
Ship To::City or Town	FRT_AUDIT::CITY
Ship To::Address 3	FRT_AUDIT::ADD3
Ship To::Address 2	FRT_AUDIT::ADD2
Ship To::Address 1	FRT_AUDIT::ADD1

UPS WorldShip Mapping Freight Export

On the right-hand side under FRT_AUDIT click on **ADD1**

On the right-hand side under Ship To click on **Address 1**

Now click on Connect and move to the next field shown in the slide on the following Page.

When **Ship To** is complete you can move to the **Package** and then **Shipment Information** similar to how we connected the import mappings

Notes:



UPS WorldShip Export P6

WorldShip Fields Dropdown	EXPORT	
Shipment Information	WorldShip Fields	ODBC Tables
	Saturday Delivery Option	SATURDAY
	Service Type	SHIP DESC
Package		
	Weight	WEIGHT
	Tracking Number	TRACKNO
	Tracking Number	ZID
	Reference 1	RELNO
	Package Reference Charge	FREIGHT
Ship To		
	Postal Code	ZIP
	State/Province/County	STATE
	Company Or Name	SHIPNAME
	City	CITY
	Address 1	ADD1
	Address 2	ADD2
	Address 3	ADD3
	Telephone	PHONE

UPS WorldShip Mapping

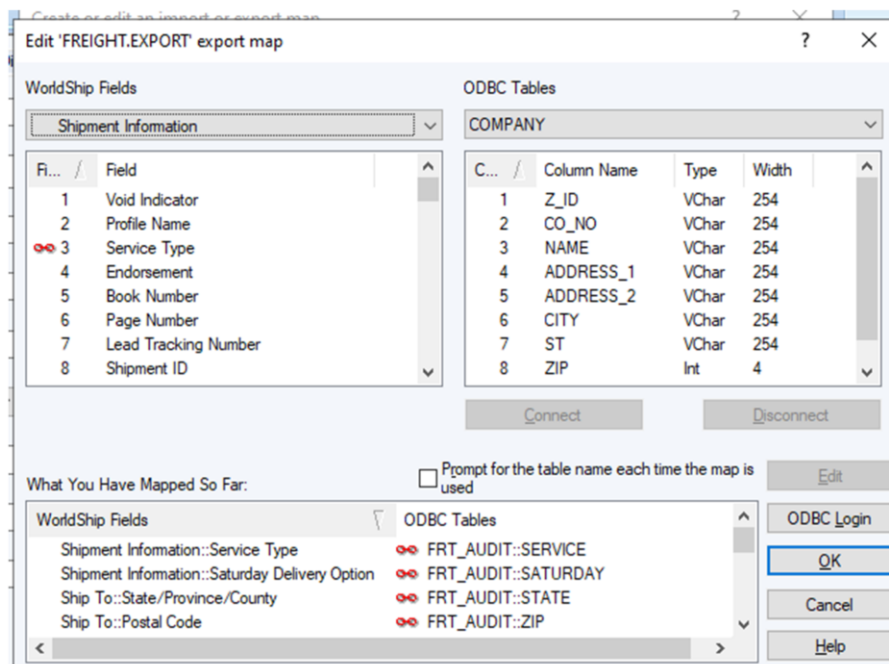
Freight Import

The above screen shows The rest of the required fields to map between UPS and the MDS-NX System. There are more WorldShip fields that you can test and use if needs be.

Notes:



UPS WorldShip Export P7



UPS WorldShip Mapping

Freight Export

You have now completed the mappings for MDS-NX export click on the "OK" button.

This will bring you back to the Create or edit an import or export map screen and you can click Close

The Select Map from list for export screen is displayed click cancel.

The export mapping is now complete

You have completed the Keyed Import and Export of MDS-NX for WorldShip!

Notes:

Comments:

Where to Get More Information



- To contact support call 973-777-8050 or fax 973-777-3063.
- To access the The System's House website the address is: www.tshinc.com
- Our email address is support@tshinc.com

Notes:
