



WhlMapper

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Introduction to the WhlMapper

ECi Content Services presents WhlMapper, a Windows program that lets you quickly convert item files from wholesalers into a format that can be read by the loading program U_WHL. This means that you can now maintain current prices from vendors who are not included in the O/PUS OPdb MultiVendor Update.

For more information and pricing, contact ECi Sales at 800-366-3367, or email info@ecisolutions.com.

(The term Wholesaler and Vendor are used interchangeable in this document to describe a business concern that distributes products from one or more primary sources.)

The purpose of the WhlMapper is to take the item information from a vendor's file, which can be organized in a thousand different ways, and place it into a standardized layout in a standardized text file format. This formatted file can then be moved to a DDMS system folder on the DDMS Server, and the U_WHL program will use it to update your DDMS item database.

The DDMS item database is organized so that each item can store information from multiple vendors. The O/PUS OPdb MultiVendor Update puts a record into the Scanalog file I-CAT for each vendor that sells a particular item. The U_WHL program uses a similar scheme with the I-WHL file. Each item can have multiple records in the I-WHL file that hold individual vendor information. The records are kept separate by assigning a 'priority' number to each vendor. The priority 1 vendor is commonly referred to as the Primary Wholesaler, but any of the vendors can be set to be the Purchasing Vendor so that vendor's cost can be used in Order Entry and Purchasing.

Installing the WhlMapper Software

The WhlMapper program can be installed on any Microsoft® Windows® computer. It is recommended that you install it on a computer that is networked to your DDMS server. You can install it on the DDMS Server if necessary, but this may cause performance conflicts.

You will receive a WhlMapper program file from ECi2 via e-mail. Save this file to any folder that you use for temporary storage on your Windows system. Using Windows Explorer, locate this file and change the name to "WhlMapper.zip". Once you have renamed the file, you can double click on it to open it with your ZIP program. Unzip the zipped files to the same temporary folder. You will notice that one of the files that you just unzipped is called SETUP.EXE. This is the install program. Double click on the SETUP.EXE file and answer all questions with the default answers.

Note: During the installation procedure, if you receive a message that asks you if you wish to "replace an existing file", **always keep your existing file.**

Obtaining an Inventory Data File from a Vendor

When you get a file from a vendor, keep these terms in mind:

File Type

The WhlMapper program can process Microsoft Excel spreadsheet files and two types of ASCII text files: tab delimited and fixed width.

Delivery

If the vendor wants to send the file to you on media such as disk or tape, you will need equipment similar to theirs to read that media. The easiest method is to have them provide the file to you as an e-mail attachment or Web download.

Data

❖ Vendor item number and Vendor code

If you have identical products already in your DDMS inventory database, check the numbering system and MFG codes of the items in the vendor file. If they are different, it is highly recommended that the vendor file also contain UPC codes for the items.

❖ UPC code

See item number discussion above.

❖ MSRP (List Price)

This will determine the price of the items' selling unit

❖ Dealer net cost

If the vendor file does not contain this, the program can calculate the cost as a percentage of MSRP.

❖ Item description

❖ Retail unit of measure

❖ Purchasing unit of measure

❖ Number of Retail Units in a Purchasing Unit

Converting a Vendor's Data File - WhlMapper

Once you have the raw Vendor Data File, you can use the WhlMapper program to convert it into a DDMS-ready Update File by following these steps:

1. Start the WhlMapper program.
2. Click the **Select Vendor File** button. (You could also click "File" on the menu bar and then select one on the "Open..." options.)
3. In the **Select File** window, find and highlight the Vendor Data File you want to convert, then click **Open**.
4. The first line of the file is displayed, and a window opens with the prompt:

Use this record for Mapping?

Yes = This line is item data and all following lines are in the same format.

No = The following window prompt will be displayed:

Is this the Main Header Record?

Yes = display the information as a heading

No = the line is not the main heading, display the next line in the file

Cancel = quit this session so you can get another file.

5. Another window opens with the prompt:

Enter a Vendor ID for this Vendor (or 'NONE')

The name you enter here will be used as the Vendor ID in the WHL information for the items. If you enter 'NONE', all item information except WHL information will be updated. Be cautious when using 'NONE', all information is updated 'as is', with no vendor matching and no unit checking.

6. You are now ready to determine where each piece of information in the Vendor Data File (Input file) will be put in the DDMS system.

The method of assigning the fields depends on the type of Vendor file:

Excel or Delimited – Click and drag each desired field from the Vendor File display into the appropriate field in the DDMS inventory screen display.

Fixed Width – Click on the beginning of a field in the Vendor File display, and hold the click down as you drag the mouse to the end of the field. Then let go of the click and move the mouse to the DDMS inventory screen display. Make a single click on the output field you want the chosen data to be placed into.

7. **OPTIONAL:** When you are done assigning all the fields, you can then save your "Map" into a file so you can use this same map the next time you run WhlMapper. To do this,

click the **Map** menu button and select Save Map. You will see a Save File window. Type in the name you want for this map, and click **Save**. The file extension for this file will be '.MAP'. If you are going to save all the conversion information after the "Start Conversion" process, you do not need to save the map at this time.

8. You can now run the file conversion by clicking the **Start Conversion** button. You will see another Save File window. Enter the name that you want for the converted file (the default file extension for this type of file is .txt) and click **Save**. This will be the file that will be used by U_WHL to update your DDMS inventory. The conversion will start and display a progress bar. When the conversion is done, a **Conversion Complete!** window will be displayed. Click **OK**.
9. OPTIONAL: You may now save the entire conversion process so you can easily run this same conversion the next time you run WhlMapper. Select the **Conversion** menu button and select **Save Conversion**. You will be asked to choose a filename with extension '.CNV'. Type in a name for this file and click **Save**. If you did not save the Map file as described in step 7, you will also be prompted for a filename for the Map file.
10. You may now select another file for conversion, or click the **Exit** button.

Transferring converted Files to a DDMS Server

You will now need to move the converted Vendor file to a DDMS system folder on your DDMS Server. (If you have the WhlMapper loaded on your DDMS Server, and you put the converted Vendor file into a DDMS system folder, you do not have to do this step.)

Using Windows Explorer or equivalent program, go to the folder that you put the converted .txt file into, and copy the file to a folder in the \DDMS folder on the DDMS Server, for example D:\DDMS\W1.

Updating the DDMS Item Database with U_WHL

Program Overview

The U_WHL program reads the information from the converted Vendor item file that you produced with the WhlMapper and puts it into your DDMS inventory database. Running the U_WHL program is a dedicated function.

Note: Building the Super Index with will dramatically decrease the number of item exceptions and/or duplications that may arise. This function should be performed at least once per quarter, and is usually done automatically during the quarterly O/PUS OPdb MultiVendor Update. It can also be performed manually in the DDMS (+II) screen.

Download the U_WHL update program from the O/PUS PSN

Run the **PsnControl** program to transfer “U_WHL” to your DDMS computer.

Run the U_WHL update program

Make sure that you have a current backup of the Inventory units.

1. Go to the **+ I F** screen (Graphical software: Turn on CAPS LOCK. Go to **Key Op Menu > Specials > I > F**).
2. Enter **[P]** for Run Program
3. Which program? **U_WHL**
4. Are you ready to run U_WHL Y/N ? **Y**
5. You will then be prompted for the following:

Printer for Report

Enter the printer designation.

Name of the Vendor File

Enter the File Name of the converted Vendor file.

Folder the Vendor file is in

Enter the Folder that the converted Vendor file is in.

What WHL Priority do you want for this Vendor ? (1 = 1st Available)

The vendor information is stored as a unique record in I-WHL as described in the Introduction section in this document. The Priority is assigned by the answer to this question.

Do you want to make this Vendor the Purchasing Vendor ?

Y = all items in the vendor file will have this vendor be the Purchasing Vendor

N = do not change the Purchasing Vendor

Update List Price? Y/N/1 (only when Vendor is Priority 1)

Y = put the list price from the Vendor item file into the “List” field in the DDMS Inventory Pricing Record

N = do not update the “List” field

1 = same as “Y” when the vendor you are loading is assigned priority 1

Update Average Cost ? Y/N/1(only when Vendor is Priority 1)

Y = put the cost from the Vendor item file into the “Cost” field in the DDMS Inventory Pricing Record

N = do not update the “Cost” field

1 = same as “Y” when the vendor you are loading is assigned priority 1

Create New Items ? (Y/N)

If the U_WHL program cannot find an item in your DDMS item database, do you want the program to add that item to your database? If you do, you should consider what tools you provide to the program to find a matching item. The program will try to find an item with the SKU number and MFG code, and it will also consider the item’s prefix in the existing wholesale record. In addition, the program will try to find a UPC number match.

6. The following 2 prompts appear if you answer ‘Y’ to “Create New Items”.

Default Stock Class for New Items

This stock class will be used for items that are created if no stock class was defined from the vendor item file.

Default Department for New Items

This department will be used for items that are created if no department was defined from the vendor item file.

7. The following prompt appears if you answer ‘N’ to “Create New Items”.

Print items NOT FOUND ? (Y/N)

Y = if a matching item cannot be found in your database, and is not added to your database, the item will be reported to the exception report.

N = do not report these items

O. K. to Proceed ? (Y/N)

If you are satisfied with your answers, answer ‘Y’ to begin the update. Answer ‘N’ to re-start the program.

8. Once the update has finished, you may <ESC> from the program to exit or press <RETURN> to process the next Vendor file that you may have.

Appendix

A-1> *WhlMapper Support*

if you have any additional questions about the WhlMapper and U_WHL programs, contact your ECi DDMS Technical Support team.

If you need help with third party programs such as Excel or dBase, you will need to contact the vendor you purchased the software from for assistance.

A-2> *Using Previously Saved Maps and Conversions*

Once you have run a conversion, and have saved the Map and/or Conversion information into files, you can recall those saved files if you would like to run a similar conversion again on a new item file from the same Vendor, or run the conversion again on the same data file, but alter the File Map slightly.

To re-run a conversion on a new file from the same Vendor:

Run WhlMapper and click **Select Input File**.

In the “**Select File...**” window, find the Vendor data file that you want to convert and click **Open**.

Select the correct mapping record and Vendor ID.

Go to the **Map** menu, select one of the **Open Map File** choices, depending on the type of Vendor file you are converting.

In the “**Select File...**” window, find the Map file that you previously saved and click **Open**.

Click **Start Conversion** when you are ready.

To re-run a conversion and alter the File Map slightly:

Run WhlMapper, click the **Conversion** menu, and select **Open Conversion**.

In the “**Select File...**” window, find the Conversion file that you previously saved and click **Open**.

You can now click **Start Conversion** to re-run the previous conversion, or you can alter the fields before you re-run the conversion.

A-3> Filename extensions

- .txt**= converted output file and the vendor's item file if it's a text file
- .xls**= the vendor's item file if it's an Excel file
- .map** = a saved map file (contains vendor data field to DDMS field info)
- .cnv** = overall conversion process file (contains map name, input file name)

A-4> WhlMapper Screen Shot



A-5> Mapped Fields

The Extended Number field in the DDMS Item Master Tab is updated with the item number exactly as shown in the vendor file. The Number field is updated with the “butted” item number which contains only Alpha-Numeric characters (dashes, slashes, # signs, etc are removed).

The Alternate TYPE field (1 character field next to the Alt # field) is mapped into the Master Tab.

The UPC is mapped into the Master and Vendor Tabs.

The Cost and List in the Master Tab can be updated by answering Y to “Update List Price” and “Update Average Cost” when running U_WHL.

The SELL field is used to create a DDMS consumer contract (ET). If you map this field, U_WHL will prompt for a contract number. You cannot update/create inventory and create a contract in the same run.

The screenshot shows a software window titled "Item:" with a menu bar (File, View, Help) and a toolbar. The main area is divided into tabs: Master, Settings, Vendors, and Remarks. The "Master" tab is active and contains the following fields:

- Number:** Item # (15) [Redacted]
- Company:** Co (8)
- List \$:** [Empty]
- Sell UOM:** Unit (2)
- Description:** Desc. (30)
- Cost \$:** [Empty]
- Gross %:** [Empty]
- UPC Code:** UPC# (14)
- Extended Number:** Item # (15)
- GL Dept:** Dept (1)
- Class:** Class (1)
- Categories:** 1 1, 2 2, 3 3, 4 4
- SIC Code:** SIC (4)
- Price Breaks:** Assortment: [Empty], Loc: 1
- Price Method?:** N/A
- Discount?:** No
- Alternates:** Type: [Green], Number: Alt # (15), Company: Co (8)
- Current Vendors:** Direct Buy: [Empty] Cost: [Empty]; Primary (whl.): [Empty] Cost: [Empty]; Purchasing: [Empty] Cost: [Empty]
- Table:**

Qty	Percent	Price \$
- Column Cost:** \$ 83.820 Whl

Item History: 00001 (FEL) BOX,STORAGE,LIBERTY

File Tools Enhanced Help

Current Inventory Location: Show Totals for All Locations

Inventory		History		Enhanced Bins	
P. Bin: P Bin (4)	Min: <input type="text"/>	R. Point: <input type="text"/>			
S. Bin: S Bin (4)	Max.: <input type="text"/>	S. Stock: <input type="text"/>	On Hand: <input type="text"/>	Demo: <input type="text"/>	Last Sold: <input type="text"/>
Last P/O		Allocated: <input type="text"/>		Loan: <input type="text"/>	
Vendor: UNITED		Backorder: <input type="text"/>		Rent: <input type="text"/>	Hits: <input type="text"/>
Number: 10034		On Order: 1		Lease: <input type="text"/>	
Quantity: 1		Receipts: <input type="text"/>		Unavail: <input type="text"/>	
Due: <input type="text"/>	M-T-D Sold: <input type="text"/>	Total: <input type="text"/>			

Multiple Locations and Bins

Loc	Bin	Description	Type	On Hand	Allocated	Last Bought	Last Sold
1		** location total **		0	0		
2		** location total **		0	0		
22		** location total **		0	0		

View Vendor Information

Selected Vendor Information		Purchasing Vendor		Change Information	
ID: Vendor ID (10)		Last Cost \$	<input type="text"/>	Program Change:	OPDB
Program: Pgm (10)		Future Cost \$	<input type="text"/>	Created By:	OPDB
Priority:	<input type="text"/>	Cost \$	Cost (9)	Order Taker:	<input type="text"/>
File: w		Catalog \$	Catalog(9)	Last Changed:	<input type="text"/>
Prefix: Prefix (4)		Cost Percent:	<input type="text"/>		
Number: Item # (15)		UPS Avail:	UPSable		
Page: Page (3)		Last Update:	<input type="text"/>		
UPC: UPC# (14)		Effective on Date:	Eff. On		
Buy UOM: Buy Unit (2)		End on Date:	<input type="text"/>		
Carton Size: Of (4)		Vendor Stock:	<input type="checkbox"/>		
Rate: <input type="text"/>	Type: <input type="checkbox"/>	Ignore Cost in O/E:	<input type="checkbox"/>		
Recycle Recycled Minority: Minority		Prod. Type:	<input type="checkbox"/>		

OK
Help
Exit

A-6> Wholesaler Utilities

After you have loaded items into your DDMS system, the WHL_UTIL program gives you the ability to perform maintenance tasks on your Wholesale Priority items. Three tasks are available in the program: Mass Deleting, Resetting the Purchasing Vendor, and printing lists of Wholesale items.

Download the WHL_UTIL program from the O/PUS PSN

Run the **PsnControl** program to transfer “WHL_UTIL” to your DDMS computer.

Run the WHL_UTIL program

Make sure that you have a current backup of the Inventory Whl unit.

1. Go to the **+ I F** screen (Graphical software: Turn on CAPS LOCK. Go to **Key Op Menu > Specials > I > F**).
2. Enter **[P]** for Run Program
3. Which program? **WHL_UTIL**
4. Are you ready to run WHL_UTIL Y/N ? **Y**
5. You will then see the following options:

Select a Task

Mass Delete a Wholesale Priority

You can delete Wholesale Priority items by Priority Number or by Vendor .

Reset the Purchasing Vendor to the Primary Wholesaler

You can set the Purchasing Vendor for all items to W1 (the Primary Wholesaler).

Print Wholesale Priority Records

You can create lists of Wholesale Priority items by Priority Number or by Vendor.