

Mass Item Number Change User Guide

for use with Macola v7.6 - SQL



Another outstanding Exact/Macola Utility brought to you by:

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Introduction

These programs are intended to facilitate a mass change of the Item Number in all files that contain an Item Number field. All appropriate files in the Macola 7.6 Accounting & Distribution modules are updated. (Please note: Bar Code and EDI files are **not** included at this time. If this is the MPC version, the MRP and Master Schedule files will be included.)

Program Overview

There are four steps involved in the conversion. The first step is to initialize or re-initialize the Item Number Conversion Table. The second step, which is optional, is to build or refresh an Item Number Conversion Table. The third step is to maintain the conversion table, ensuring a new Item Number has been entered for each item in the table. A list in either Old Item Number or New Item Number sequence is available. The final step is to update all files with the new Item Numbers in the conversion table. A "push button" is provided to access each function of the program.

The program is run from the Run Utility option found under the Window option on the Progression main screen. You must be logged in to Macola as Supervisor in order to have access to this option.

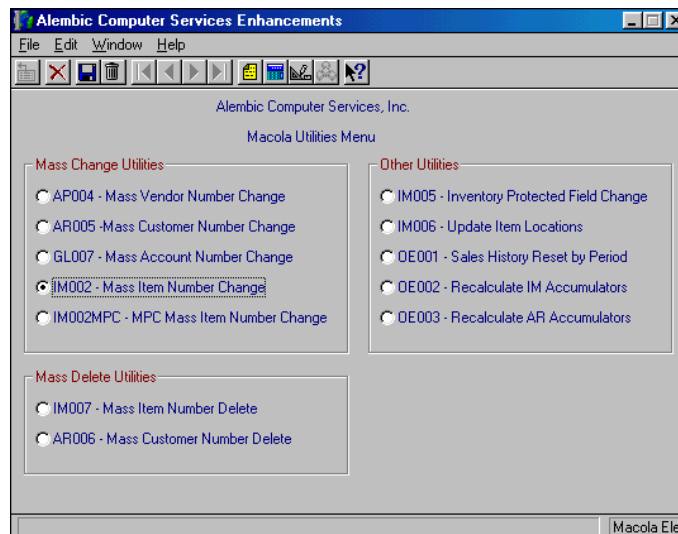
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Installation

1. Create an ACSIENH folder under your top level Macola folder
2. Unzip this attachment to the ACSIENH folder
3. Open SQL Server Enterprise Manager
4. Expand the SCREENS database and select Tables
5. IF you have an E2SCRFIL table go to step 10
6. From the Tools pull down menu, select the Query Analyzer option
7. Select File\Open and open the MakeE2.SQL script in the ACSIENH folder
8. From the Query pull down menu, select the Execute option
9. Exit Query Analyzer and Enterprise Manager
10. Execute MSL.EXE found in the ACSIENH folder
11. Change the Install To folder to the MSL folder under the top level Macola folder (ex: M:\MACSQL\MSL)
12. Launch Macola Progression Explorer
13. Login as Supervisor and Select System Manager
14. Select Maintain
15. Select System Utilities
16. Select Install Enhancements and follow the instructions
17. When prompted, enter the path to the ACSIENH folder

To Run the Enhancement

- ? Launch Macola Progression Explorer and login as Supervisor
- ? Select the Run Utility Program on the Window menu.
- ? Enter "**ACSIMENU.INT**" as the program to execute.
- ? Check the box for IM002 – Mass Item Number Change and click the blue disk or press Enter. (Check IM002MPC for the MPC version)
- ? If you are planning to run the Update option, be certain all other users are out of Macola and your data is backed up.

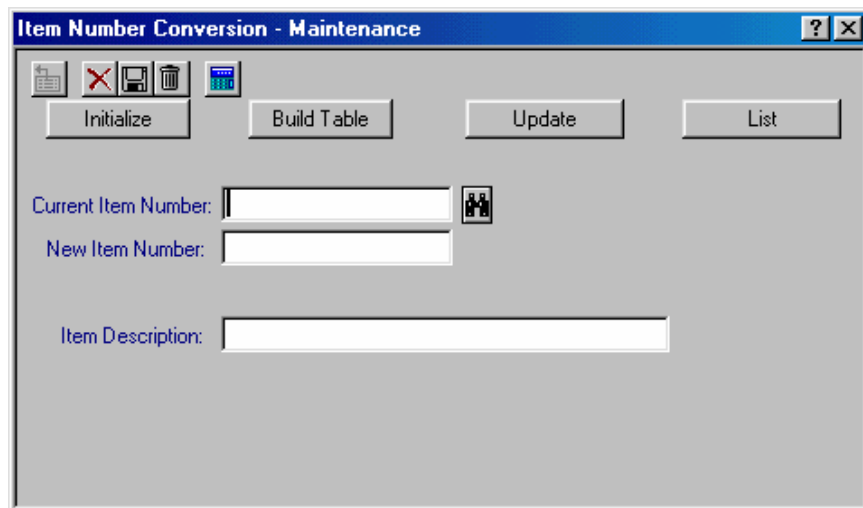


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Push Buttons

- ? Initialize - Clicking this button creates an empty Conversion File. Any existing data in the table will be lost.
- ? Build Table – This function is optional. When selected, the program reads the Item History file and adds each item encountered to the Conversion Table. An option to import a comma delimited file will be available.
- ? Update – Clicking this button updates all data files with the new Item Number from the Conversion Table. Sit back. Relax. This may take a while. After the Update has completed, you will need to execute a SQL Script to complete the Update.
- ? List – Clicking this button will display “by Old Item” and “by New Item” check boxes. Select the desired sequence for the list. Press Enter or click on the blue save disk on the tool bar to print the list.

A sample of the main screen is shown below.



The screenshot shows a Windows-style application window titled "Item Number Conversion - Maintenance". The window has a blue title bar with a help icon and a close button. Below the title bar is a toolbar with five icons: a document, a red 'X', a floppy disk, a trash can, and a blue save icon. Below the toolbar are four buttons: "Initialize", "Build Table", "Update", and "List". Below the buttons are three input fields: "Current Item Number:" with a text box and a small icon to its right, "New Item Number:" with a text box, and "Item Description:" with a larger text box.

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Building the Item Number Conversion Table

When the **Build Table** option is selected, you have the option to add new Item Numbers that may be encountered while scanning the Item History file or to create the table from scratch. A drop-down list box will be displayed with Create, Append and Quit options.

The **Create** option will initialize the Conversion file before building the new file. Creating the table from scratch will negate any data entry that may have occurred since the table was last created.

The **Append** option will add to the existing Conversion Table. Appending data to an existing table will create new records when the Item Number is not found in the Item Number Conversion Table. It will not overwrite any records already contained in the Item Number Conversion Table.

The **Import** option will prompt you for the Import file name. The Import file must be a Comma Delimited file with the Current Item Number in the first column and the New Item Number in the second column. The Import file must be in the appropriate data directory for the company being processed.

The **Quit** option will clear the screen.

Select the desired option and press enter or click on the blue disk to execute the build.

The screenshot shows the 'Item Number Conversion - Maintenance' application window. The title bar is blue with a question mark and close button. The main area is grey and contains the following elements:

- Buttons: Initialize, Build Table, Update, List
- Input fields: Current Item Number, New Item Number, Item Description
- Dropdown menu: Create new or Append To Existing Table (set to IMPORT)
- Text label: Import Filename
- Input field: ITEMTEST.CSU
- Text labels: Now Processing, Records Added
- Empty input fields for Now Processing and Records Added

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Building the Item Number Conversion Table

The Item History File is scanned from beginning to end each time this process is run. The primary key of the file is displayed as the file is being processed so that you can monitor progress. The number of new items added to the table is also displayed as new items are encountered.

The Item Number Conversion Table contains the Current Item Number and the New Item Number. The New Item Number is set to the Current Item Number as each new record is added to the table. In cases where the Item cannot be located in the Item Master File, the Item Description will default to "Item not in Item File".

When the Build has finished, the Item Number Conversion Table will contain one record for each unique Item Number that is contained in the Inventory Item History File. This file is scanned because it should have at least one record for each item that will be encountered in any of the other files.

Importing a Comma Delimited File

Each record in the Comma Delimited file will be checked. If the Comma Delimited record meets the following conditions, a record will be added to the Conversion Table.

- The Current Item Number is not equal to the New Item Number
- The Current Item Number is a valid Item in the Item Master File
- The Current Item Number is not a New Item Number on another record in the Conversion Table
- The New Item Number is not a Current Item Number on another record in the Conversion Table
- The Current Item Number is not a Current Item Number on another record in the Conversion Table

If the Comma Delimited record does not meet the above conditions, a line will be printed in an Import Error Log file. The Import Error Log file will be named "IMPRTLOG.ERR" and will be in the data directory for the company being processed.

After all Comma Delimited records have been processed, a message will be displayed. If there were not any errors, the message will be "Import Complete". If there were errors, the message will be "Check the IMPRTLOG.ERR file for errors."

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Maintaining the Conversion Table

The program allows you to add, change, or delete records in the Item Number Conversion Table. To begin, enter the Current Item Number. The Item Number must be a valid Item Number.

If the Current Item Number is a valid Item Number, the Conversion file will be checked. If the Current Item Number is in the Conversion file, the Item Description and New Item Number will be displayed. If the Current Item Number is not in the Conversion file, the New Item Number will be blank. The New Item Number may be changed. The New Item Number must not exist in the current Item File or in the Conversion File.

Press ENTER or click on the blue disk to save the conversion record.

Click on the trashcan to delete the conversion record.

If the Current Item Number is not a valid Item Number, a message will be displayed and the screen will be cleared.

Please note: The Item Description is displayed for informational purposes only and cannot be changed by this program.

Printing a List of the Items to be Converted

When the **List** option is selected, the program displays “by Old Item” and “by New Item” check boxes. Select the desired sequence for the list and press Enter or click on the blue disk to view or print the list.

The screenshot shows a Windows-style dialog box titled "Item Number Conversion - Maintenance". At the top, there are four buttons: "Initialize", "Build Table", "Update", and "List". Below these buttons are three input fields: "Current Item Number:", "New Item Number:", and "Item Description:". To the right of the "Current Item Number:" field is a small icon of a blue disk. To the right of the "New Item Number:" field are two radio buttons: "by Old Item" (which is selected) and "by New Item".

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Updating Data Files

When the **Update** option is selected, the program checks to see if each Accounting and Distribution table exists and verifies that there are no problems opening the tables. If there is an error opening any table, processing will stop and no table will be updated. Any tables that could not be found will be skipped. (Please note: Bar Code and EDI files are **not** included at this time. If this is the MPC version, the MRP and Master Schedule files will be included.)

The Update option reads each table that does not have the Item Number as the first field in a key from beginning to end and writes the data to a work table. If the Item Number is found in the Item Number Conversion Table, the Item Number field is updated with the New Item Number from the table when the work record is written. If the Current Item Number is not located in the table, the current record is written to the work table without any changes. After all records have been processed, the current table is deleted, and the work table is renamed to the correct table name in the steps noted below.

If the table has the Item Number as the first field in a key, the Item Number Conversion Table is processed. The records for each Current Item Number will be processed. The information from the current record will be saved and the current record will be deleted. A new record will be added to the table with the New Item Number and the information from the current record.

To allow you to monitor progress, the program will display the table that is currently being updated and a records processed counter for the table. Given the typical file sizes associated with Inventory, it is recommended that this process be run overnight or over a weekend.

An Update Log file will be updated as each file is processed. Two lines will be written in the log file for each file processed. The first line will contain the File Name and the Start Time. The second line will contain the File Name, End Time, Number of Records Read, and the Number of Records Changed. The Update Log file will be named "FILSUPDT.LOG" and will be in the data directory for the company being processed.

When the Update has completed, you will need to execute a SQL Script to complete the update. Follow the steps below to execute the SQL Script.

- ? Open Enterprise Manager
- ? Expand the database for the company just updated
- ? From the Tools pull down menu, select the Query Analyzer option
- ? Select File\Open and open the IM002REN.SQL script in the ACSIENH folder
- ? From the Query pull down menu, select the Execute option
- ? Exit Query Analyzer and Enterprise Manager



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