Item Number Change Utility

Version 7.2.0

By Musick International, Inc.

Overview

Item Change will change all Sage IC Item Numbers across the entire Sage database and do it quickly. For large databases, the Sage Item Number Change may run for days to complete. This Item Change Utility will cut the process of changing item numbers from days to a matter of hours.

Compatibility

Musick International products are compatible with current and recent versions of Sage 300. To verify compatibility to Sage 300 and third party products, please check our website (click here) or email Sales@Musick-Int.com. All of the core modules are supported: Inventory Control, Order Entry and Purchase Orders.

Installation

Download and install the latest release of either FixIT Professional or DataCHECK. In the folder where FixIT is installed (default is C:\FixITcc), run the install program "ItemChangeInstall.exe". We recommend running the install and application using "Run As Administrator".

Connect FixIT Professional or DataCHECK

The Item Change requires the database connection to be created in FixIT or DataCHECK. Start FixIT and verify the connection to the company. If the company is not listed on the "Validate" screen, select the "Locate" icon on the left toolbar. Change to "Locate Data using FixIT Path" as the default and click "New" to add a new connection to the company database. "Apply" the changes and verify the database is available.

Before Running Item Change Utility

Item Change will rename or combine multiple items using a CSV file with the name "Items.csv" located in the same folder as the "ItemChange.exe" file. Use this file to identify the item numbers to change. Please refer to the below section on how to create this file. This file is required and is loaded when the Item Change program is launched.

The "Items.csv" file must have the following format.

OldFmtItemNo,NewFmtItemNo,Ren/Com
A1-103/0,A1-103/3,RENAME
A1-105/0,A1-400/0,COMBINE
A1-310/0,A1-310/2,RENAME
A1-320/0,A1-400/0,COMBINE

Running Item Change Utility

Launch the ItemChange.exe from "Start" – "Programs" – "Musick International" – "Item Change".
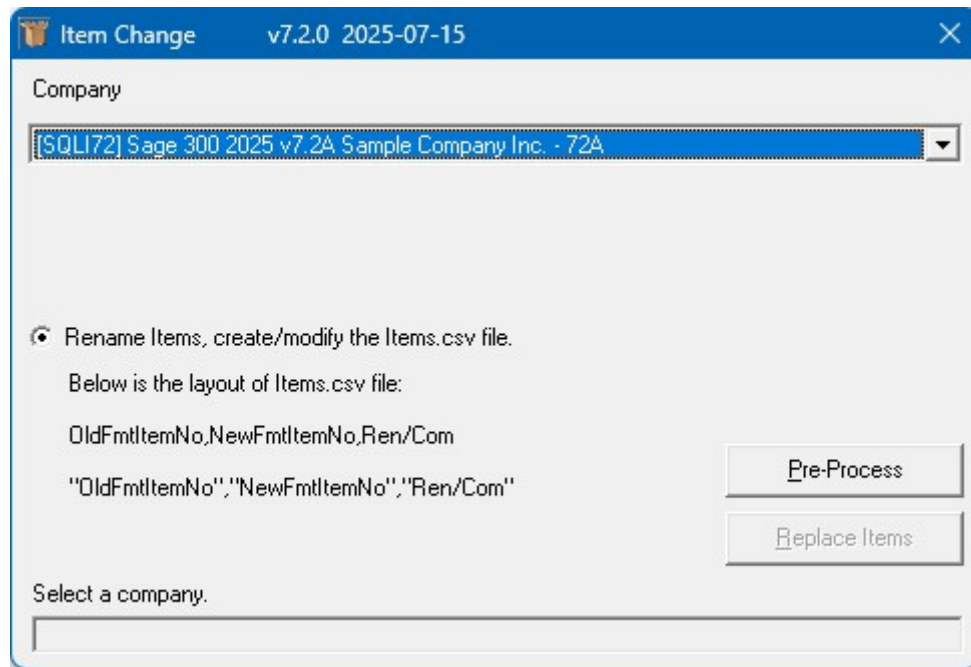
Select the company from the drop down list at the top of the screen. If your company is not in the list, verify the company database is available in FixIT Professional or DataCHECK.

Next click "Pre-Process" and the Item Change utility will read and verify the "Items.csv" file.
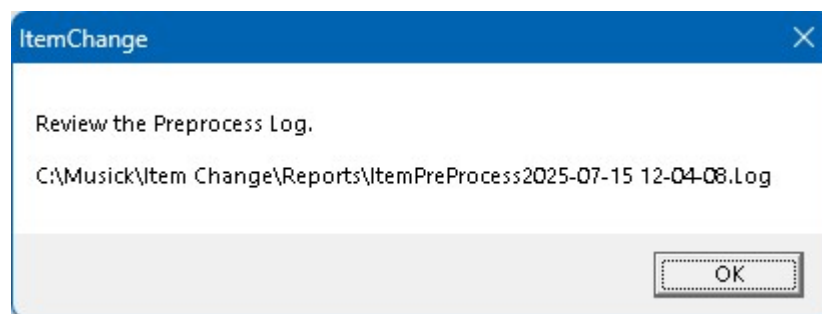
Review the log file. Here is what the log file will show.

PreProcess Items.txt 2025-07-15 12:04:08 PM

1 Found Title Line - OldFmtItemNo - skipping.
2 Old Item: A1-103/0 New Item: A1-103/3 Rename/Combine: RENAME OKAY :-)
3 Old Item: A1-105/0 New Item: A1-400/0 Rename/Combine: COMBINE OKAY :-)
4 Old Item: A1-310/0 New Item: A1-310/2 Rename/Combine: RENAME OKAY :-)
5 Old Item: A1-320/0 New Item: A1-400/0 Rename/Combine: COMBINE OKAY :-)

PreProcess Completed - Lines read 5

After reviewing the log file, click the "Replace Items" to make the changes across the Sage database. The following "Backup Required" prompt will display.
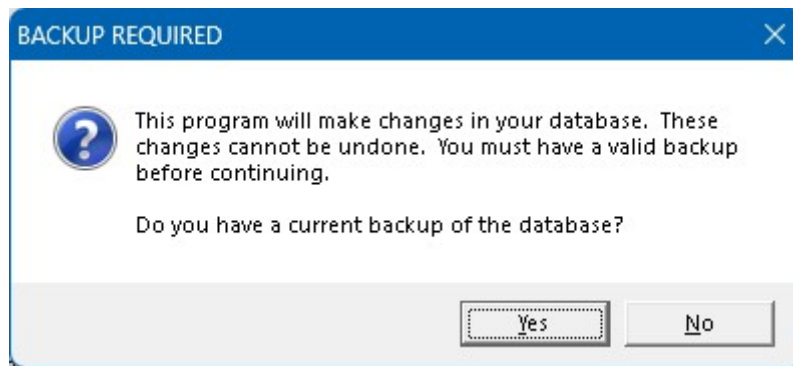
If a backup of the data has been made, click "Yes" to proceed.

The Item Change Utility will spin through the database and change all of the item numbers.

Once the process has completed, the following message will display:
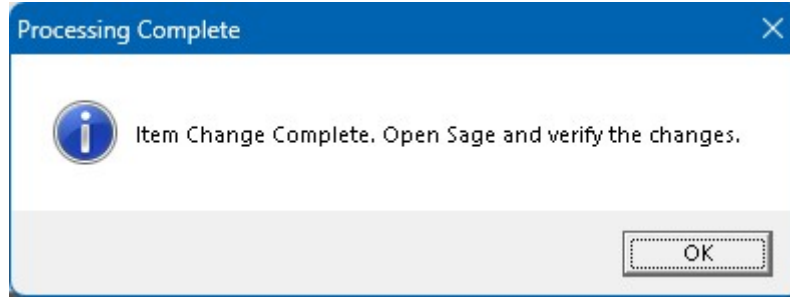
After clearing this message, the Item Change Audit Log will display.

Item Change Log
Database: [SQLL72] Sage 300 2025 v7.2A Sample Company Limited - 72A
Run Date: 2025-07-15 12:10:04 PM

   Processing - Rename/Combine Items from Items.csv file

Table IC Table   - elapsed time: 0 minutes, 1 seconds

Table IC Table   - elapsed time: 0 minutes, 0 seconds

Table IC Item History   - elapsed time: 0 minutes, 0 seconds

Table IC Table   - elapsed time: 0 minutes, 0 seconds

Table IC Table   - elapsed time: 0 minutes, 0 seconds

Table IC Table   - elapsed time: 0 minutes, 0 seconds

Table IC Item Tax   - elapsed time: 0 minutes, 0 seconds

Table IC Table   - elapsed time: 0 minutes, 0 seconds

Table IC Item Pricing   - elapsed time: 0 minutes, 0 seconds

Table IC Table   - elapsed time: 0 minutes, 0 seconds

Table IC Item Pricing Detals - elapsed time: 0 minutes, 0 seconds

Table IC Table   - elapsed time: 0 minutes, 1 seconds

Table IC Table   - elapsed time: 0 minutes, 0 seconds

Table IC Item Statistics   - elapsed time: 0 minutes, 0 seconds

Table IC Table   - elapsed time: 0 minutes, 0 seconds

Table IC Table   - elapsed time: 0 minutes, 0 seconds

Table IC Item UOM   - elapsed time: 0 minutes, 0 seconds

Table KN Table   - elapsed time: 0 minutes, 0 seconds

Table OE Audit Details   - elapsed time: 0 minutes, 0 seconds

Table OE Credit Note Details - elapsed time: 0 minutes, 0 seconds

Table OE Invoice Details   - elapsed time: 0 minutes, 0 seconds

Table OE Order Details   - elapsed time: 0 minutes, 0 seconds

Table OE Sales History Dtl - elapsed time: 0 minutes, 1 seconds

Table OE Sales History   - elapsed time: 0 minutes, 0 seconds

Table OE Shipment Details   - elapsed time: 0 minutes, 0 seconds

Table PJC Resources Category - elapsed time: 0 minutes, 2 seconds

Table PJC Resources   - elapsed time: 0 minutes, 0 seconds

Table PO AP Audit   - elapsed time: 0 minutes, 0 seconds

Table PO Credit Audit   - elapsed time: 0 minutes, 0 seconds

Table PO Credit Details   - elapsed time: 0 minutes, 0 seconds

Table PO History   - elapsed time: 0 minutes, 1 seconds

Table PO History Details   - elapsed time: 0 minutes, 0 seconds

Table PO Invoice Audit   - elapsed time: 0 minutes, 0 seconds

Table PO Invoice Details   - elapsed time: 0 minutes, 0 seconds

Table PO Line   - elapsed time: 0 minutes, 0 seconds

Table PO Order Audit   - elapsed time: 0 minutes, 1 seconds

Table PO Table   - elapsed time: 0 minutes, 0 seconds

Table PO Receipt Audit   - elapsed time: 0 minutes, 0 seconds

Table PO Receipt Line   - elapsed time: 0 minutes, 0 seconds

Table PO Table   - elapsed time: 0 minutes, 0 seconds

Table PO Table   - elapsed time: 0 minutes, 0 seconds

Table PO Table   - elapsed time: 0 minutes, 0 seconds

Table IC Location Details   - elapsed time: 0 minutes, 0 seconds

Table IC Costs   - elapsed time: 0 minutes, 0 seconds

Table IC Costs 2   - elapsed time: 0 minutes, 0 seconds

Table IC Offsets   - elapsed time: 0 minutes, 0 seconds

Table IC Item Master   - elapsed time: 0 minutes, 0 seconds

Table IC Item Master   - elapsed time: 0 minutes, 0 seconds

Table IC Item Valuation   - elapsed time: 0 minutes, 1 seconds

Table IC Item Segments   - elapsed time: 0 minutes, 0 seconds

Total elapsed time: 0 minutes, 8 seconds

Run Completed: 2025-07-15 12:10:12 PM

Item Change Completed.   4 Items changed.

How to create the "Items.csv" file

The "Items.csv" file is a comma separated file. The item number is formatted. Double quotes are not required. Only 1 item number per line.

The format of the "Items.csv" file is:

OldFmtItemNo,NewFmtItemNo,Ren/Com
A1-103/0,A1-103/3,RENAME
A1-105/0,A1-400/0,COMBINE
A1-310/0,A1-310/2,RENAME
A1-320/0,A1-400/0,COMBINE

To create this file and populate it with your inventory items, follow these instructions: launch Sage 300 and open the "Items" form from the "I/C Items and Price Lists" menu. On this form, select "File" (at the top of the screen) and "Export…" On the "Export" screen select "CSV File" for the "Type". For the "Path" enter the path to the Item Change install folder and do not specify a file name. Un-check all of the boxes on this screen (hint: highlight each line and press the space bar). Next expand the first line ("Items") and check the box next to "Unformatted Item Number", "Item Number" and "Category". The Unformatted Item Number and Category are simply place holders for the Old formatted item number and "Rename/Combine" columns.

This is what the screen should resemble:
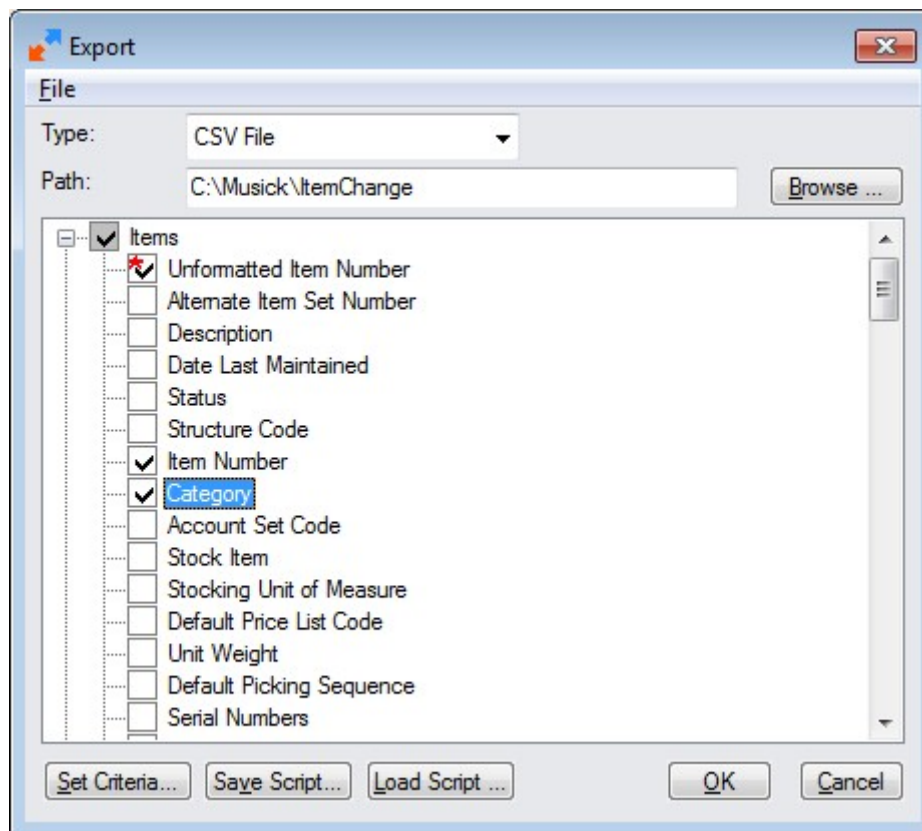
Click "OK" to export all of the items in inventory.

Close the screen indicating the number of items exported.

In the folder specified in the "Path", open the "Items.csv" file using Microsoft Excel. Column "A" contains the unformatted item number and column "B" contains formatted item number. In column "C" which is the Category, change this to be either "Rename" or "Combine". To initialize all of the cells in new column "C", type the default value in the first row of column "C". Then grab the square on the lower right corner of the cell and drag to the end of the item list. Rename the column "C" heading to "Ren/Com". Switch

column "A" and "B" so the old formatted item is in the first column. Change the values in column "B" to reflect the new item number formatted.

Any item number not being changed can be deleted from the file. Highlight the row, then right click and select "Delete".

Column "C" has a value of "Rename" or "Combine". If the new formatted item does not exist, the value will be "Rename". If the new formatted item does exist, then the value will be "Combine".

Once all of the changes have been made, save the workbook as "Items.csv". When prompted "Do you want to keep the workbook in this format?", select "Yes".

Copy this file to the same folder as the ItemChange.exe. This is how Item Change will location the file.

Verify the New Company Database
There are factors (such as data corruption) beyond the control of the Item Change Utility. We do our best to anticipate and trap various issues, but a quick validation of the Sage 300 data will ensure the data was changed as specified. Run the Sage 300 Data Integrity Check as well as various reports to verify the accuracy of the changes.

Thank You for selecting Musick International.

The Staff

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