Item Import

Quick Guide

LS Retail 5.0

May 2007

Contents

1   Introduction

The Item Import functionality is used to import files from vendors and create and update items. The files from the vendors typically contain vendor item no., barcodes, descriptions, item group, size and color information, purchase price and sales price. The Item Import imports the files into an import data pool from where it can be selected into an import journal where the user can correct and finalise the information before the items are updated.

The item import inserts new and/or updates: the item table, sales prices, purchase prices, barcodes, and variants.

For each vendor that sends files to be imported, it is necessary to set up various parameters, such as an item hierarchy, sales price calculation rules, location of files and so on. When a file has been imported to an import journal, the user will verify and modify the item information before the journal is posted. When a journal is posted, items will be created or updated, new variants, barcodes and sales- and purchase prices will be inserted.

2   About Item Import

The process of item import can be split in to four separate steps:
- Import of vendor files
- Filtering and moving data from vendor files to a working item import journal
- Validating and updating data in the item import journal
- Creating and/or updating the item master with the data from the item import journal

2.1   Import Vendor Files

Item Import Mgt is a new codeunit that supports the process of importing vendor files. The process imports vendor files based on the vendor setup; that is paths, layouts and so on.

2.2   Selecting Import Data

Get Import Lines is a new report to select data lines from item import file data and move it into an item import journal where it can be changed and tested before being processed into new or modified items. This report can be used to select a range of records from the import files; that is both partly from a file as well as from a range of files. This allows data from a range of vendors to be processed at the same time depending on need and demand. For example the person responsible for one department in a store can collect all data related to that department regardless of from which vendor it is originated.

2.3   Validate import data

Item Import Mgt is a new codeunit that supports most common processes of the item import module, including conversion of data, calculation of LS Retail sales prices and data error testing and so on.

The main process is the error checking of journal lines. This involves the gathering of related data, conversion of item hierarchies, calculation of sales price and error testing.

The first step is to find if imported data is referring to existing item data; that is, does the item exist in the database, can it be found by its vendor item no. or by its barcode, does the variant exist and so on. This also involves converting vendor item hierarchy to LS Retail item hierarchy and to calculate the LS-Retail sales price. The following method is used to calculate the sales price:

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1. Check the Vendor Sales Price
2. Check the Vendor Sales Price Margin using the Suggested Retail Price
3. Check the Vendor Suggested Retail Price
4. Check the Vendor Sales Price margin using then Vendor Purchase Price

The process stops with the first step to be fulfilled. The only step with a direct conversion is the first step. Other steps have to be rounded according to the rounding method of the vendor setup after calculation, either by price point or basic rounding methods.

The next step is to validate the basic data and also to check the database on the error check setup. If the journal lines pass with out any errors, they are ready to be used for the update of the item master.

2.4 Update item master

Item Import Create is a new codeunit that supports the process of updating or creating item when processing data from the item import journal. When the process is run it starts by testing the journal lines involved and, if no errors are found, it updates or creates items based on the journal lines. The process registers all processed journal lines.

3 Using Item Import

3.1 Item Import Setup

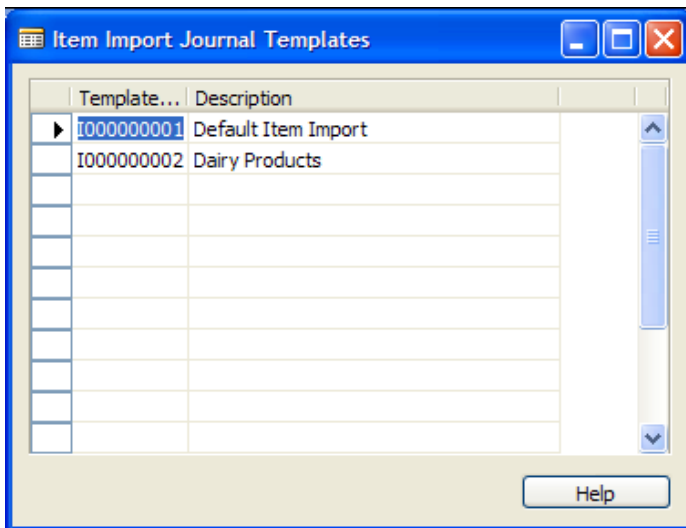First of all define **Item Import Setup:**
1. Click **LS-Retail - Replenishment, Setup, Item Import Setup, Setup**.
2. In the **Item Import Setup** window select an **Item Import No. Series** and **Item No. Series**.
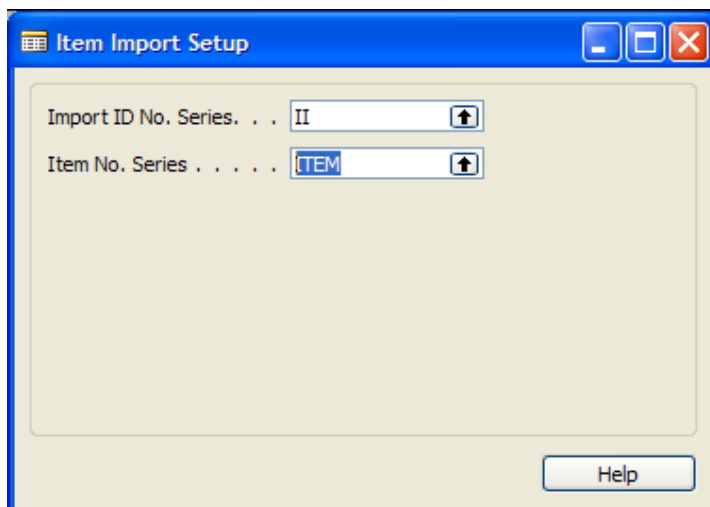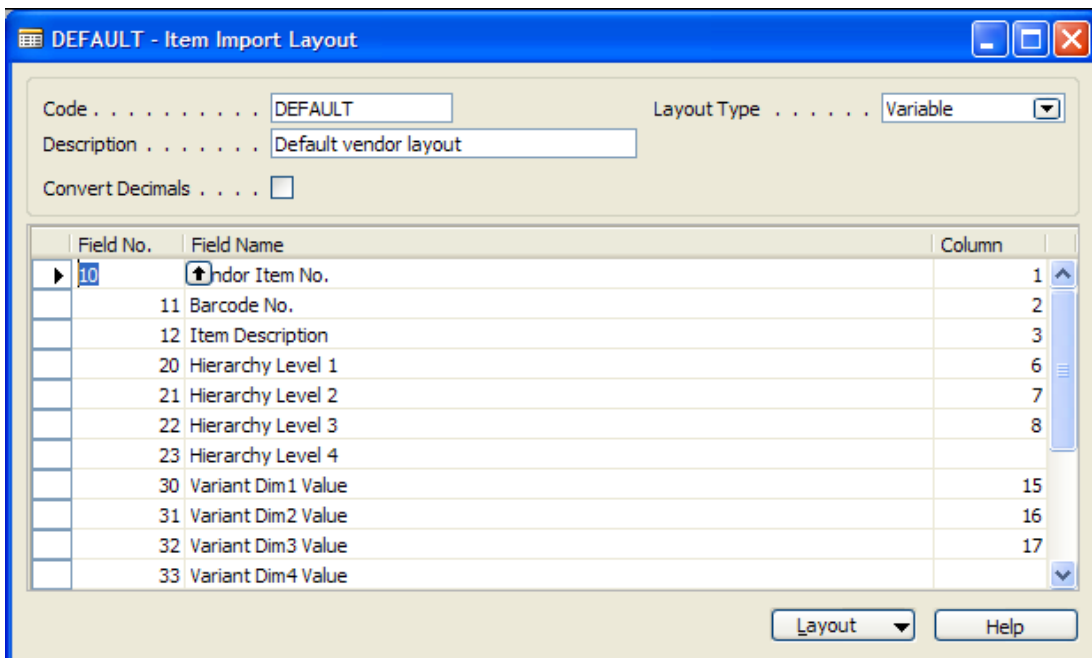

Now create some Item Import Journal Templates
1. Click **LS-Retail - Replenishment, Setup, Item Import Setup, Journal Templates**.

2. In the **Item Import Journal** window create the necessary journal templates.

Next create a layout for each type of file that you need to import:
1. Click **LS-Retail - Replenishment, Setup, Item Import Setup, Layout**.
2. In the **Item Import Layout** window create a new import layout, give it a description and define its type.
3. Then define the fields to import and their location in the import file.

Now set up an error check to test import journal lines:
1. Click **LS-Retail - Replenishment, Setup, Item Import Setup, Error Check**.
2. In the **Item Import Error Check** window create a new error check and give it a description.

3. Then define the fields to check and how they should be tested.

| Field No.	Field Name	Check for	Value	Link Tabl...	Link Field...	
19	Vendor No.	Exists ▼		23	1	
25	Item Description	Non Blan...				
60	Base Unit of Measure	Non Blan...				
61	Vendor Sales Unit	Exists		204	1	
64	Vendor Purchase Unit	Exists		204	1	
69	Purchase Price	Non Blan...				
71	Price Calculation Type	One of	Price Point Lookup...			
72	New Unit Price	Non Blan...				

DEFAULT - Item Import Error Check

Code . . . . DEFAULT
Description . . . . Default error check

Then set up a sales price point to use when calculating the LS Retail sales price.
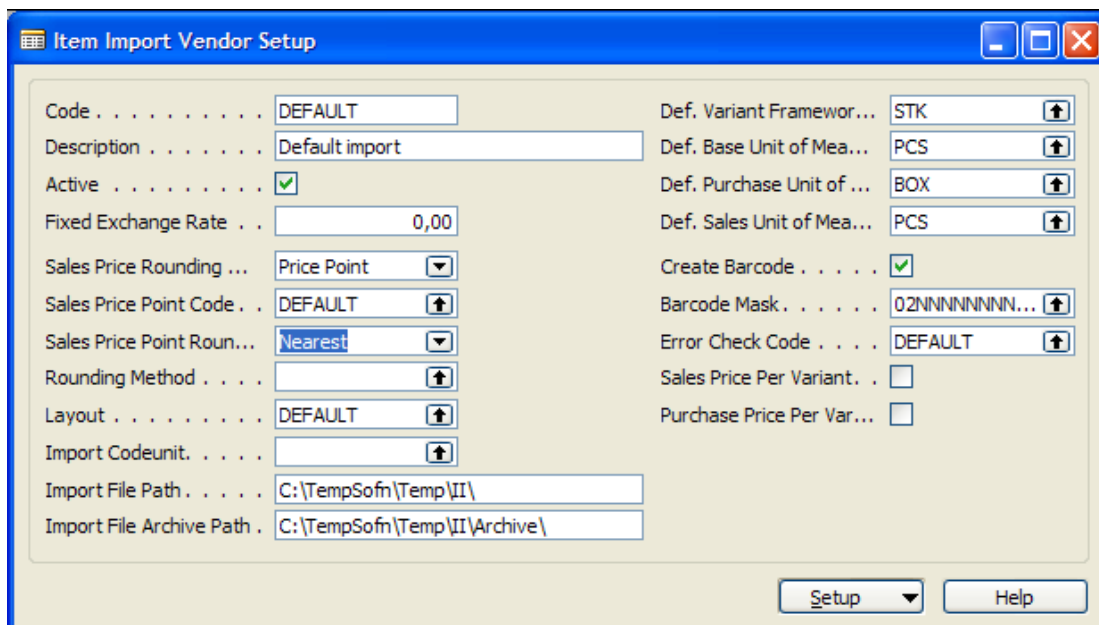
1. Click **LS-Retail - Replenishment, Setup, Item Import Setup, Sales Price Point**.
2. In the **Sales Price Point** window create a new sales price point and give it a description.
3. Then define the sales price range to use.
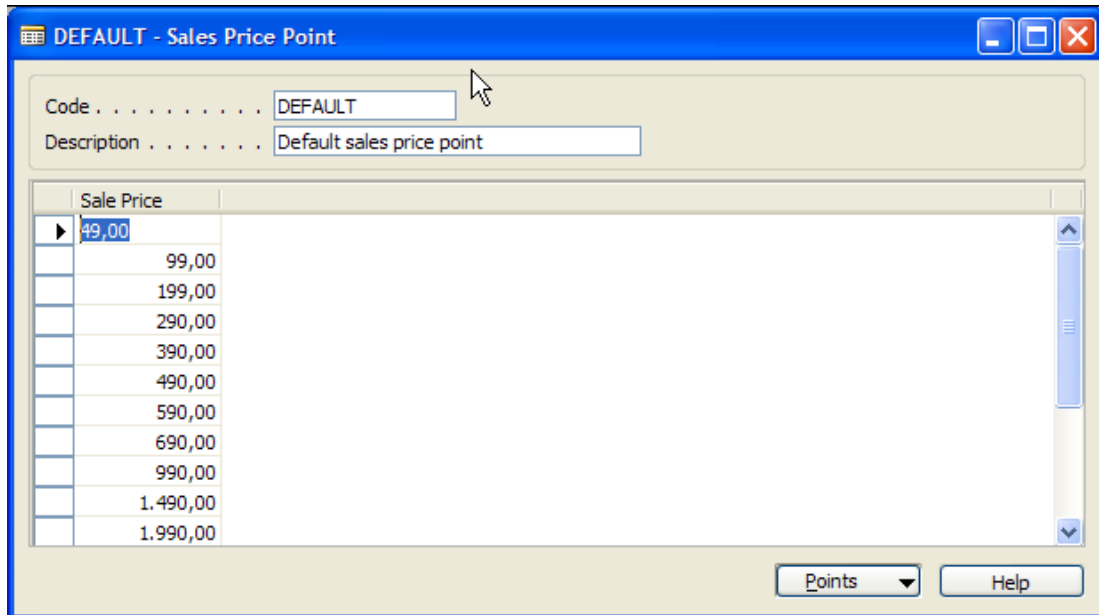
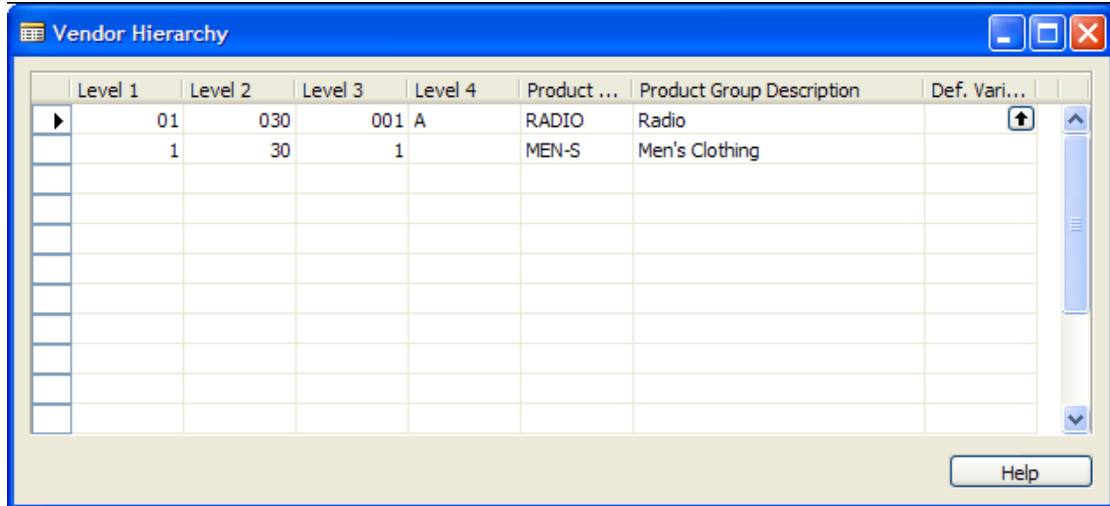## 3.2   Item Import Vendor Setup

First of all define Item Import Vendor Setup

1. Click **LS-Retail - Replenishment, Item Import, Retail Vendor Card**.
2. Click **Item Import, Vendor Setup**.
3. Click **Setup, Card.**
4. In the **Item Import Vendor Setup** window create and set up a new vendor setup.
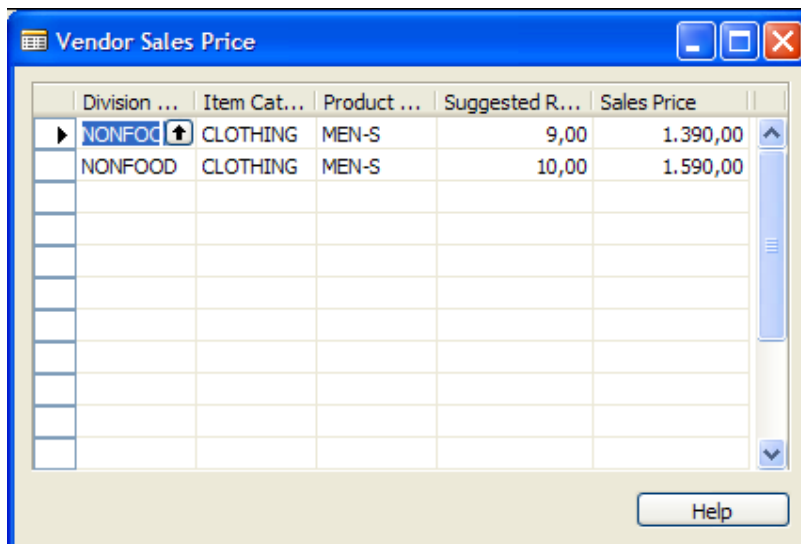
Then define the Vendor Item Hierarchy
1. Click **LS-Retail - Replenishment, Item Import, Retail Vendor Card**.
2. Click menu **Item Import, Vendor Hierarchy**.
3. In the **Vendor Hierarchy** window define the vendor item hierarchy and how it converts into LS Retail item hierarchy.


Now define the vendor sales price conversion
1. Click **LS-Retail - Replenishment, Item Import, Retail Vendor Card**.
2. Click menu **Item Import, Vendor Sales Price**.
3. In the **Vendor Sales Price** window define how vendor suggested retail price is converted into LS Retail sales price.

Finally define the vendor sales price margin conversion
1. Click **LS-Retail - Replenishment, Item Import, Retail Vendor Card**.
2. Click **Item Import, Vendor Sales Price Margin**.
3. In the **Vendor Sales Price Margin** window, define the factors to use when calculating LS Retail sales price based on vendor suggested retail price or vendor purchase price.
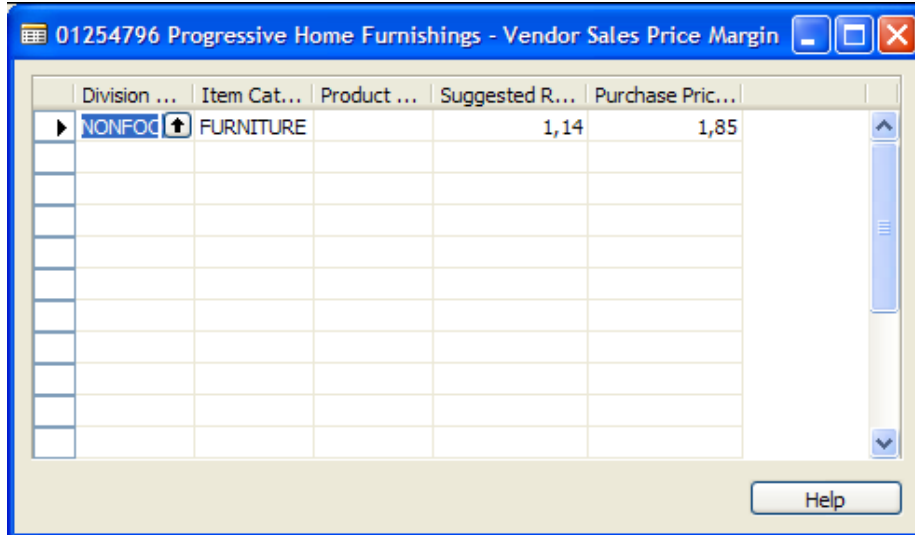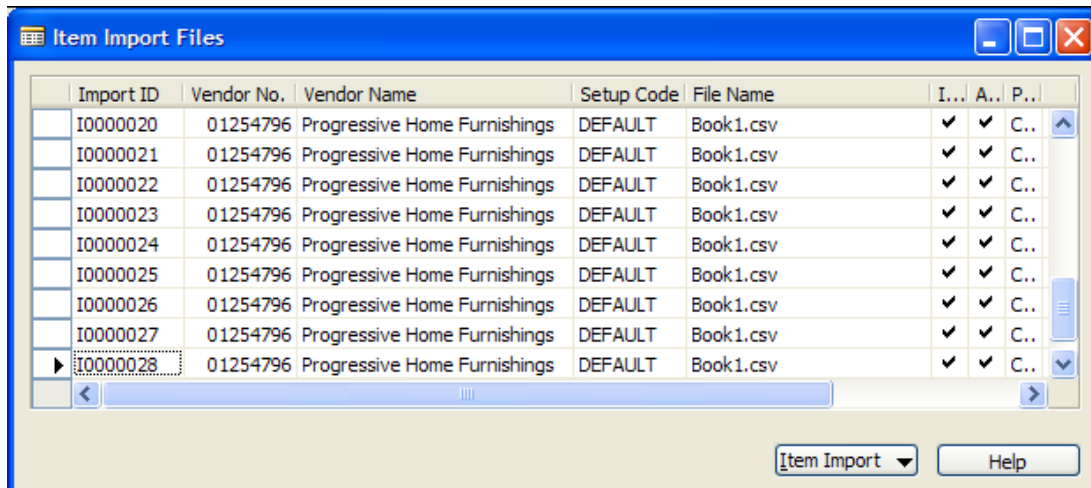

3.3 Import Vendor files

To import all waiting vendor files
1. Click **LS-Retail - Replenishment, Item Import, Retail Vendor Card**.
2. Click **Item Import, Import Files**.

To show all imported vendor files
1. Click **LS-Retail - Replenishment, Item Import, Retail Vendor Card**.
2. Click **Item Import, Show Import Files**.

To show data in an imported vendor file
1. Click **LS-Retail - Replenishment, Item Import, Retail Vendor Card**.
2. Click **Item Import, Show Import Files**.
3. In the **Item Import Files** window select an imported file.
4. Click **Item Import, Show File Data**.

	Vendor Item No.	Barcode ...	Item Description	Hierarch...	Hierarch...	Hierarch...	Hierarch...	Variant
▶	898914		Jeans 707	1	30	1		S01
	898914		Jeans 707	1	30	1		S01
	898914		Jeans 707	1	30	1		S02
	898914		Jeans 707	1	30	1		S03
	898914		Jeans 707	1	30	1		S01
	898914		Jeans 707	1	30	1		S01
	898914		Jeans 707	1	30	1		S02
	898914		Jeans 707	1	30	1		S01
	898915		Jeans 727	1	30	1		S01
	898915		Jeans 727	1	30	1		S01

3.4 Create or update items

To process vendor data to update the item master.
1. Click **LS-Retail - Replenishment, Item Import, Item Import Journal**.
2. Click **Journal, Get Import Lines**.
3. In the report **Get Import Lines** set the needed filter.
4. Click **OK**.
5. Click **Journal, Check for Errors in Journal**.
6. Correct any error and/or change the data if needed.
7. Repeat steps 5 to 6 until the journal is error free.
8. Click **Journal, Create/Process**.

Item Import Journal

Template Code I000000001
Template Description . . Default Item Import
Error Filter . . . . ☐
Action Filter . . . . All
Price Change Filter . . . All

	Action	Logs	Er...	Vendor No.	V..	Vendor Item No.	B..	Barcode No.	I..	Item No.	Item Description	P..	Product ...
▶	Create	2		01254796		898914					Jeans 707	✔	MEN-S
	Create	2		01254796		898914					Jeans 707	✔	MEN-S
	Create	2		01254796		898914					Jeans 707	✔	MEN-S
	Create	2		01254796		898914					Jeans 707	✔	MEN-S
	Create	2		01254796		898914					Jeans 707	✔	MEN-S
	Create	2		01254796		898914					Jeans 707	✔	MEN-S
	Create	2		01254796		898914					Jeans 707	✔	MEN-S
	Create	2		01254796		898914					Jeans 707	✔	MEN-S
	Create	2		01254796		898915					Jeans 727	✔	MEN-S
	Create	2		01254796		898915					Jeans 727	✔	MEN-S
	Create	2		01254796		898915					Jeans 727	✔	MEN-S
	Create	2		01254796		898915					Jeans 727	✔	MEN-S
	Create	2		01254796		898915					Jeans 727	✔	MEN-S

Line ▼ Journal ▼ Help

To show processed vendor data:
1. Click **LS-Retail - Replenishment, Item Import, History, Item Import Register**.
2. In the **Item Import Registers** window select an entry no.
3. Click the **Register, Item Import Ledger**.