

Item Import

Quick Guide

LS Retail 5.0

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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:

- 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.

Item Import Setup	
Import ID No. Series II 主 Item No. Series ITEM 主	
	Help

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.

	🗉 ite	em Import J	ournal Templates		×
[Template	Description		
	►	100000001	Default Item Import		^
		100000002	Dairy Products		
					~
1					_
				Help	

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.

📰 DI	DEFAULT - Item Import Layout									
Coo Des Cor	Code DEFAULT Layout Type Variable Description Default vendor layout Convert Decimals Variable									
	Field No.	Field Name		Column						
•	10	€ndor Item No.		1	<u>^</u>					
	11	Barcode No.		2						
	12	Item Description		3						
	20	Hierarchy Level 1		6						
	21	Hierarchy Level 2		7						
	22	Hierarchy Level 3		8						
	23	Hierarchy Level 4			-					
	30	Variant Dim 1 Value		15						
	31	Variant Dim2 Value		16						
	32	Variant Dim3 Value		17						
	33	Variant Dim4 Value			~					
			Layout 🔻	Help						

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.

📰 DE	EFAULT - Ite	em Import Error Check					
Cod Des	de	DEFAULT					
	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				
							~
				C	Check	Hel	p

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.

DEFAULT - Sales	Price Point
Code Description	DEFAULT
Sale Price	
▶ 49,00	
99,00	
199,00	
290,00	
390,00	
490,00	
590,00	
690,00	
990,00	
1.490,00	
1.990,00	
	Points Help

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.

🗰 Item Import Vendor Setup	
Item Import Vendor Setup Code DEFAULT Description Default import Active	□ □ Image: Constraint Framewor STK Image: Constraint Framewor □ Def. Base Unit of Mea PCS Image: Constraint Framewor □ Def. Purchase Unit of Mea PCS Image: Constraint Framewor □ Def. Sales Unit of Mea PCS Image: Constraint Framewor □ Def. Sales Unit of Mea PCS Image: Constraint Framewor □ Def. Sales Unit of Mea PCS Image: Constraint Framewor □ Barcode Mask Image: Constraint Framewor Image: Constraint Framewor □ Barcode Mask Image: Constraint Framewor Image: Constraint Framewor □ Def. Sales Price Per Variant Image: Constraint Framewor Image: Constraint Framewor
Layout DEFAULT Import Codeunit Import File Path C:\TempSofn\Temp\II\ Import File Archive Path . C:\TempSofn\Temp\II\Archive\	Purchase Price Per Var

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.

Vendor Hierarchy									
	Level 1	Level 2	Level 3	Level 4	Product	Product Group Description	Def. Vari		
►	01	030	001	Α	RADIO	Radio	Image: A start of the start	^	
	1	30	1		MEN-S	Men's Clothing			
								=	
								-	
							Help		

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.

i	i v	endor Sales	Price				X
		Division	Item Cat	Product	Suggested R	Sales Price	
	•	NONFOC	CLOTHING	MEN-S	9,00	1.390,00	^
		NONFOOD	CLOTHING	MEN-S	10,00	1.590,00	
							=
							-
							~
						Help	

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.

a 0	1254796 Pr	ogressive H	ome Furnis	hings - Vendor	Sales Price Ma	rgin 💶 🗖 🔀
	Division	Item Cat	Product	Suggested R	Purchase Pric	
►		FURNITURE		1,14	1,85	~
H						
						E
H						
H						
	1					~
						Help

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.

Item Import	Files)(×
Import ID	Vendor No.	Vendor Name	Setup Code	File Name	I	Α	P	
10000020	01254796	Progressive Home Furnishings	DEFAULT	Book1.csv	~	~	c	^
I0000021	01254796	Progressive Home Furnishings	DEFAULT	Book1.csv	~	~	c	_
10000022	01254796	Progressive Home Furnishings	DEFAULT	Book1.csv	~	~	c	
10000023	01254796	Progressive Home Furnishings	DEFAULT	Book1.csv	~	~	с	
10000024	01254796	Progressive Home Furnishings	DEFAULT	Book1.csv	~	~	c	
10000025	01254796	Progressive Home Furnishings	DEFAULT	Book1.csv	~	~	с	
10000026	01254796	Progressive Home Furnishings	DEFAULT	Book1.csv	~	~	с	=
10000027	01254796	Progressive Home Furnishings	DEFAULT	Book1.csv	~	~	с	
I0000028	01254796	Progressive Home Furnishings	DEFAULT	Book1.csv	~	~	c	~
<							>	
				Item Import 🔻		Н	elp	

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.

10000034 - Item Import File	Data						[X
Vendor Item No.	Barcode	Item Description	n I	Hierarch	Hierarch	Hierarch	Hierarch	Varian	
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	~
<								>	
								Help	

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.

	l Item Impo	ort Jou	irnal											
Template Code 1000000001 • Template Description Default Item Import Action Filter All Price Change Filter All														
	Action	Lo	gs Er	Vendor No.	۷	Vendor Item No	В.	. Barcode No.	I	Item No.	Item Description	I Р.,	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	Ý	MEN-S	
	Create		2	01254796		898914					Jeans 707	~	MEN-S	
	Create		2	01254796		898914					Jeans 707	4	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**.

Item Import Ledger Entries												
[Entry No.	Action	Vendor S	٧	Vendor No.	Vendor Item No.	в	Barcode No.			
	►	1	Create	DEFAULT		01254796	8989456		020000003388	^		
		2	Update	DEFAULT		01254796	8989456		020000003395			
		3	Create	DEFAULT		01254796	8989457		020000003401			
		4	Update	DEFAULT		01254796	8989457		020000003418			
		5	Update	DEFAULT	~	01254796	8989457		020000005108			
		6	Update	DEFAULT	~	01254796	8989457		020000005115			
		7	Create	DEFAULT		01254796	8989453		020000005122			
		8	Update	DEFAULT		01254796	8989453		020000005139			
		9	Update	DEFAULT		01254796	8989453		020000005146			
		10	Update	DEFAULT		01254796	8989453		020000005153	~		
<												
Entry V Help												