

How to Run a Material Import

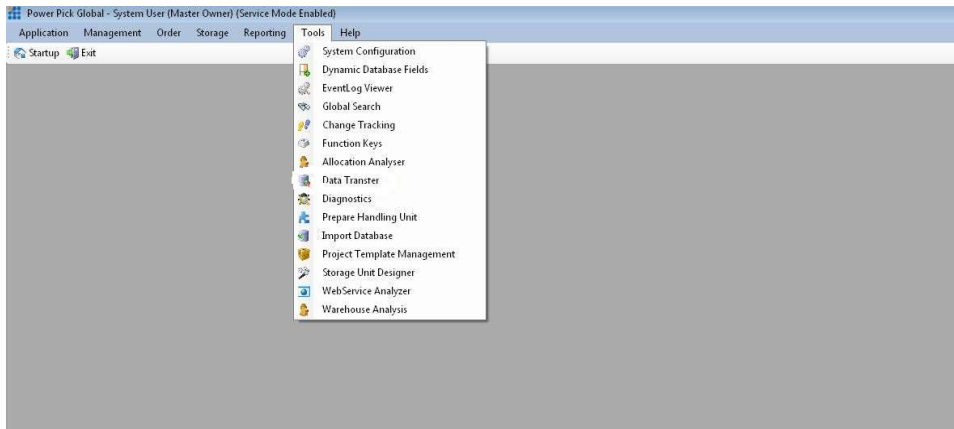
Kardex Power Pick System

How to Run a Material Import

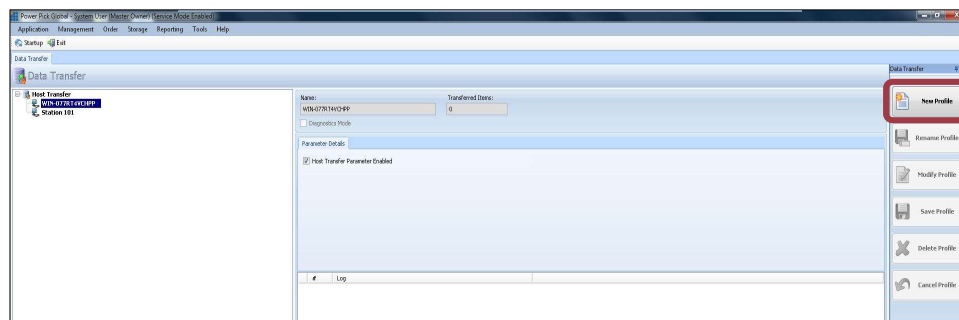
In the Kardex Power Pick System, the inventory SKUs are referred to as materials. The Kardex Power Pick System allows you to import materials which is helpful when you need to create several new inventory SKUs (maybe you've added a new product line) or at startup when loading your inventory. Whatever the case, the process is the same.

First, add your materials to a .csv file, using whichever format and information you would like the Kardex Power Pick System to hold on these parts. i.e., Material name, description, unit of measure, material property information, information on storing the part(Storage Rules). All available fields for this type of import can be found in the configuration window for building a pattern after the profile has been created.

When the .cvs is ready, in the Kardex Power Pick System navigate to “data transfer” found under the tool tab.



After opening the data transfer banner, create a new profile (make sure you are logged in on the computer that you want the profile to be saved on). Click “New Profile” on the right.



Create your new profile by giving it a name and selecting the options that best align with how you want the profile to run. Leave manual mode checked if you wish to have users manually start this profile when there is data to upload, likewise leave unchecked and setup a recurrence pattern if you want the Kardex Power Pick System to occasionally look for available data to upload without user prompt.

Host Communication Wizard
General Settings
Please specify the general settings

Name: Material Import

☒ Manual Mode ☒ Profile Enabled

Start: 06/21/2019 03:52:46 PM ☐ No end date ☐ End by: Access Class for Profile Start: Access Class 4

Scheduled Next Start:

Recurrence pattern: ☐ Every second Every: Second(s) ☐ Every minute ☐ Hourly ☐ Daily ☐ Weekly ☐ Monthly

Day: ☒ Sunday ☒ Monday ☒ Tuesday ☒ Wednesday ☒ Thursday ☒ Friday ☒ Saturday

< Back Next > Cancel

Select the service that you want the profile built for, in this case (Material Service). Information on the different service options is available in the GP.CrossEnterpriseUnit.Handbook of whichever version of the software you are using.

Host Communication Wizard
Choose Service
Please choose Service and required functionality

Service: GP.CrossEnterpriseUnit.Engine.Services.MaterialService

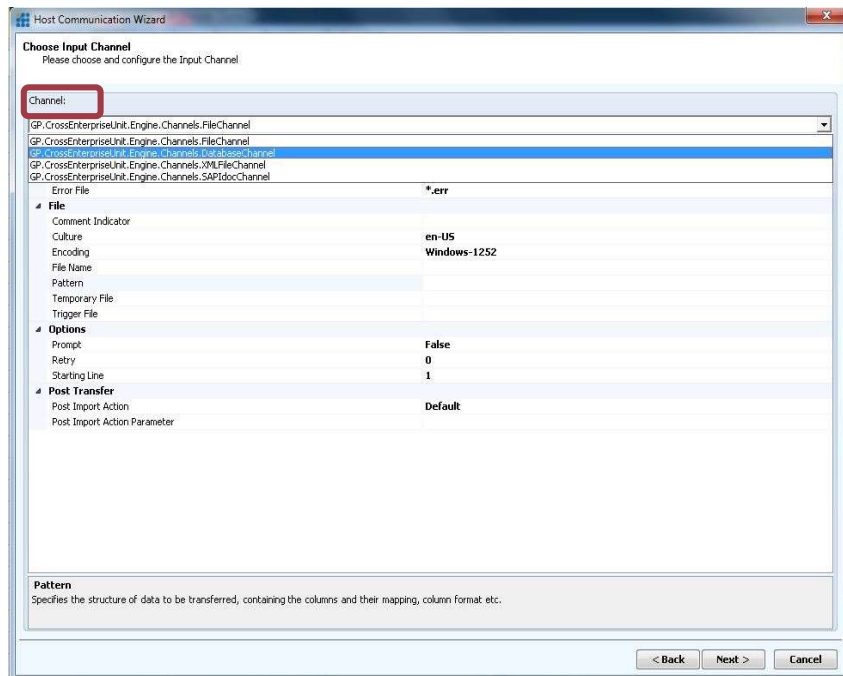
GP.CrossEnterpriseUnit.Engine.Services.MaterialOwnerService
GP.CrossEnterpriseUnit.Engine.Services.OrderService
GP.CrossEnterpriseUnit.Engine.Services.TransactionsService
GP.CrossEnterpriseUnit.Engine.Services.StockSynchronizationService
GP.CrossEnterpriseUnit.Engine.Services.KillListService
GP.CrossEnterpriseUnit.Engine.Services.RenameMaterialService
GP.CrossEnterpriseUnit.Engine.Services.LocationImportService

Create Property	True
Create Supplement	True
Default Bn	
Default Material Property	
Family separator	False
Single Line	False

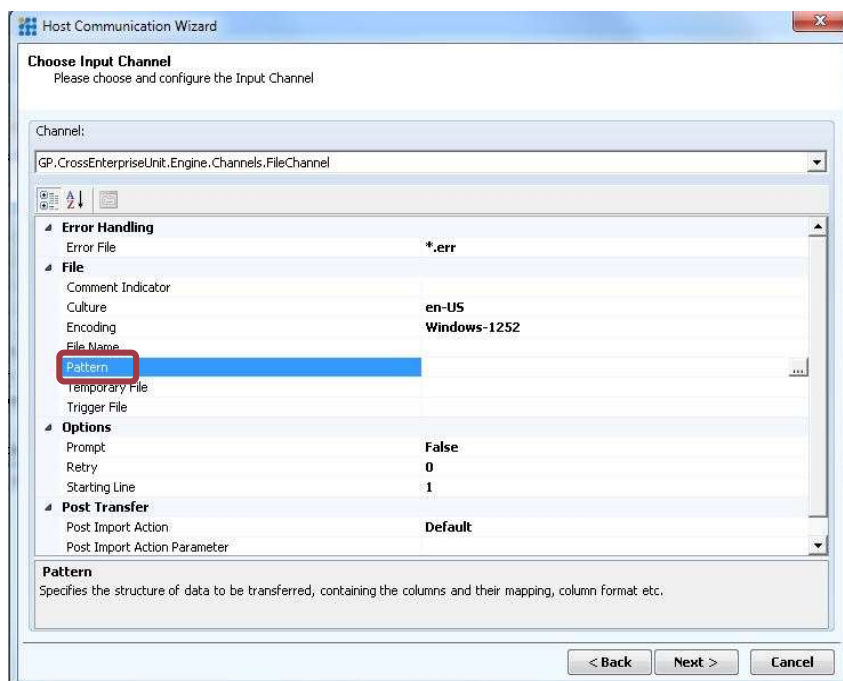
Create Family
True: The family will be created, if the family does not exist

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Select a channel: This determines the data path for accessing the file to import. In this case “GP.CrossEnterpriseUnit.Engine.Channels.FileChannel” is the correct channel. Information on each channel can be found in the GP.CrossEnterpriseUnit.Handbook of whichever version of the software you are using.



Create the Pattern: This determines the order in which the columns in the database will be read and imported. In your .csv file there are only two columns; MaterialName and Info1, separated by a comma “,”. The comma is important because it determines where the data in each column ends.



Select the columns from the dropdown options that corresponds with the data on your csv file. The columns in the profile maps where each column on your csv will go in the Kardex Power Pick System.

Click on column headers to configure:

Sample:

Details:

Expression
Identifies the optional Expression used to calculate the value of the current field.

Options

Prompt	False
Retry	0
Starting Line	1
Post Transfer	Default

Post Transfer

Post Import Action

Post Import Action Parameter

Pattern
Specifies the structure of data to be transferred, containing the columns and their mapping, column format etc.

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Change the separator to a comma for the Materialbase.materialName column, and on the info1 column leave the separator section empty.

Click on column headers to configure:

Sample:

Details:

Options

Expression	
Format	
Length	-1
Lookup	
Mapping	
Script	
Separator	;

Separator
Literal text after the field content.

Options

Prompt	False
Retry	0
Starting Line	1
Post Transfer	Default

Post Transfer

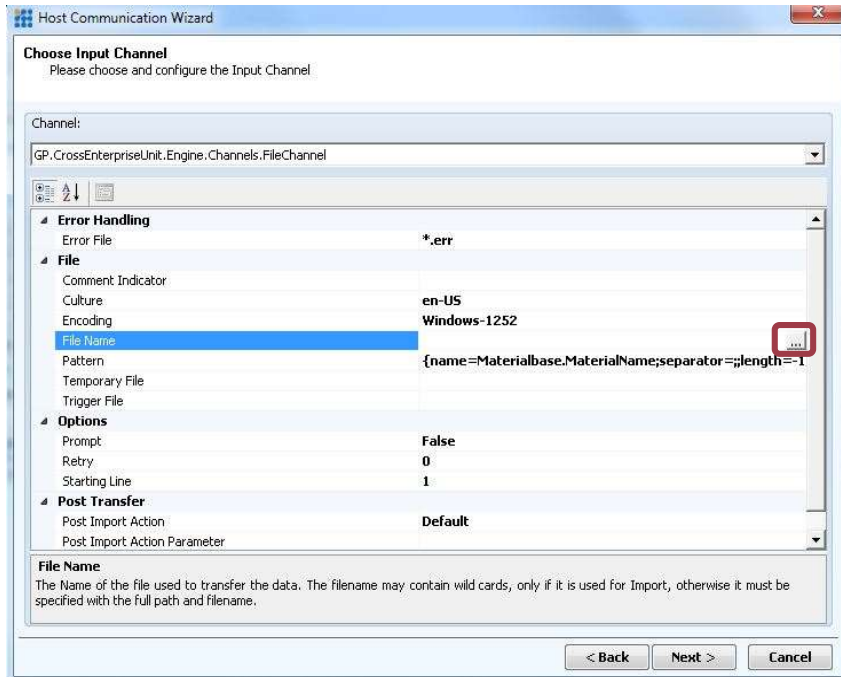
Post Import Action

Post Import Action Parameter

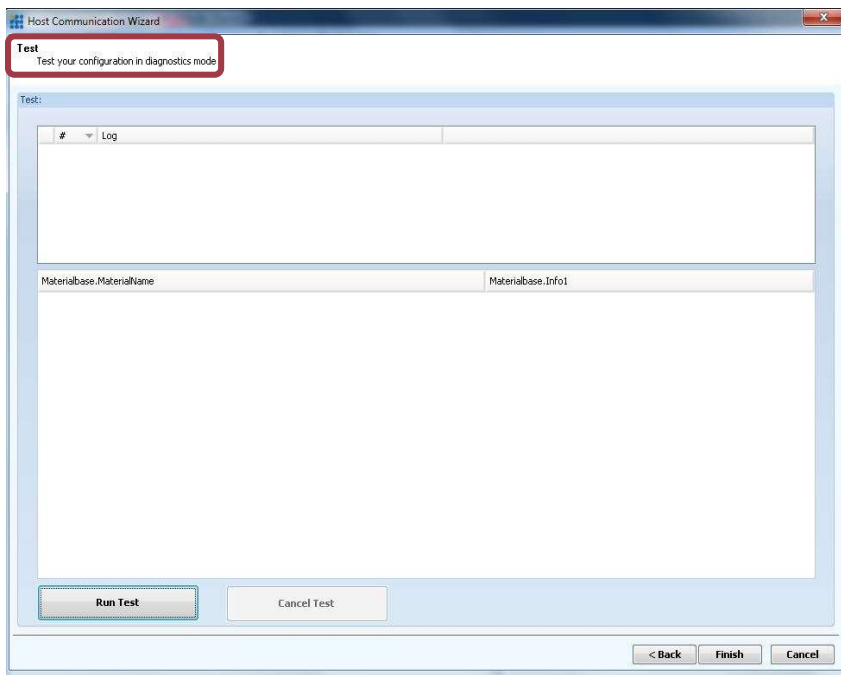
Pattern
Specifies the structure of data to be transferred, containing the columns and their mapping, column format etc.

< Back Next > Cancel

Navigate to the location of the file to import by clicking the button with the three dots on the right of the page across from File Name. After adding the path navigate to the next page for testing.

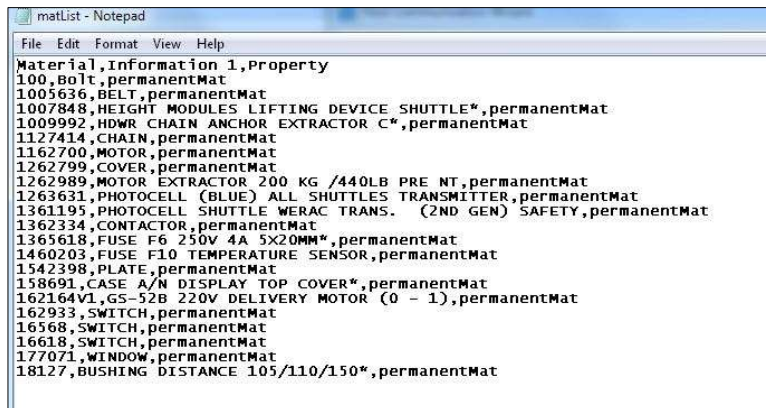


Test to ensure the file is being imported properly.



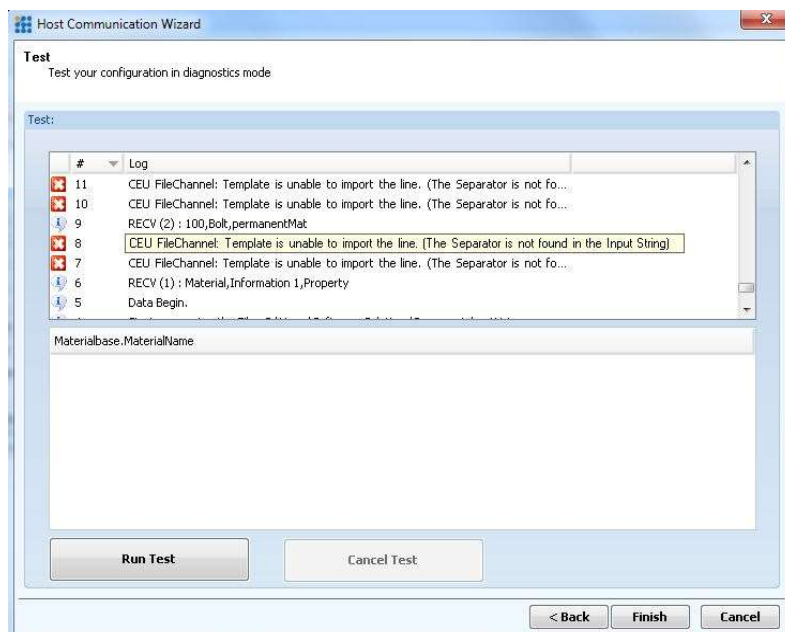
A test will provide errors if there are issues with the transfer so that you can diagnose before pulling that data into your system. In the example below, the test produced errors stating that it cannot import the line because the separator in my csv file does not match the separator in my profile pattern. To correct this, we have to double check that all our separators match. In this case the separator on my csv file was “,” while the separator on my pattern was “;”. Once I changed all the separators to be the same thing it works as expected.

List of Materials to import. Note that each bit of information (column) is separated by a comma. This comma is what tells the Kardex Power Pick System where the information for each column begins and ends.

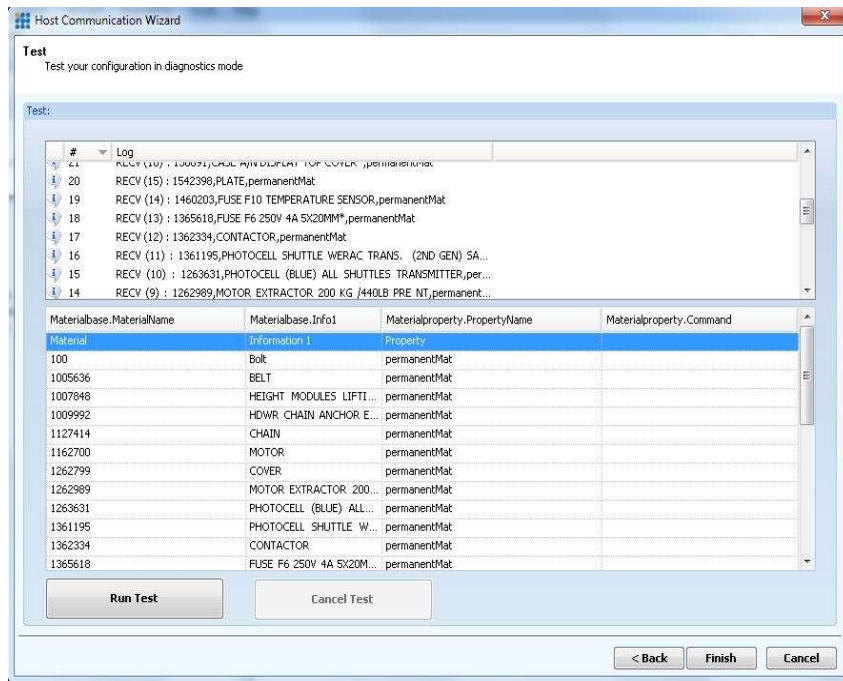


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Material,Information 1,Property
100,Bolt,permanentMat
1005636,BELT,permanentMat
1007848,HEIGHT MODULES LIFTING DEVICE SHUTTLE*,permanentMat
1009992,HDWR CHAIN ANCHOR EXTRACTOR C*,permanentMat
1127414,CHAIN,permanentMat
1162700,MOTOR,permanentMat
1262799,COVER,permanentMat
1262989,MOTOR EXTRACTOR 200 KG /440LB PRE NT,permanentMat
1263631,PHOTOCELL (BLUE) ALL SHUTTLES TRANSMITTER,permanentMat
1361195,PHOTOCELL SHUTTLE WERAC TRANS. (2ND GEN) SAFETY,permanentMat
1362334,CONTACTOR,permanentMat
1365618,FUSE F6 250V 4A 5X20MM*,permanentMat
1460203,FUSE F10 TEMPERATURE SENSOR,permanentMat
1542398,PLATE,permanentMat
158691,CASE A/N DISPLAY TOP COVER*,permanentMat
162164V1,G5-52B 220V DELIVERY MOTOR (0 - 1),permanentMat
162933,SWITCH,permanentMat
16568,SWITCH,permanentMat
16618,SWITCH,permanentMat
177071,WINDOW,permanentMat
18127,BUSHING DISTANCE 105/110/150*,permanentMat
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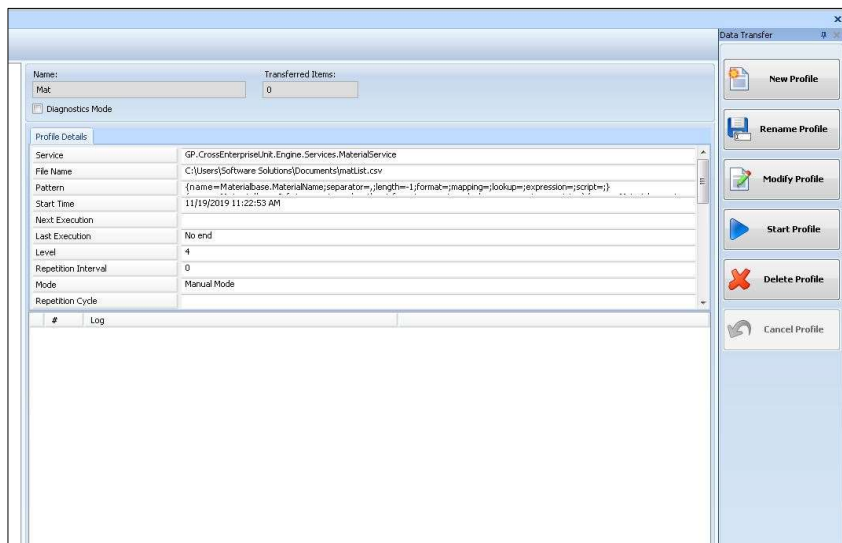
Failed import because the separator in the profile did not match with that of the csv. The separator that was used can be seen in the section above that spoke about changing separator. I did not change mine to a comma because I wanted to produce this error as an example.



Once the separator is changed to a comma, and we rerun the test all the data that we have on our cvs will be imported without errors. This does not upload the information to the Kardex Power Pick System, as it is just a test to ensure everything matches.



To proceed with the upload, hit the finish button and to the right side of your screen there will be a button labeled “start profile” that will begin uploading data to the Kardex Power Pick System was pressed.



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