# 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.

Power Pick Global - System User (Master Owner) (Service Mode Enabled)			- 0
Application Management Order Storage Reporting Tools Help			
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Use Hest Transfer Wis-transfer Societo 101	Name: W1N-073R14V0-PP	Transferred Itens:	Ness Prolife
	Disgnostics Mode		
	Parameter Details		Rename Profile
	Host Transfer Parameter Enabled		Modily Profile
			Sove Profile
			Delete Profile
	a Log		Cancel Profile

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 reoccurrence pattern if you want the Kardex Power Pick System to occasionally look for available data to upload without user prompt.

ame:				
1aterial Import				
Manual Mode	V Profile Enabled			
ang of recurrence				
Start:		Access Class for Profile	Start:	
06/21/2019 03:52:46 PM	No end date	Access Class 4		
Scheduled Next Start:	O End by:			
	-			
ecurrence pattern				Day
				Sunday
Every second	Every:			7 Monday
Hourly	Second	(5)		Tuesday
Daily				2 Wednesday
) Weekly				Threeday
Monthly				T easter
				(V) Saturday

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		
oose Service Please choose Service and required functionality		
ndra		
TWCS.		
P. CrossEnterpriseUnit.Engine.Services.MaterialService		
P, CrossEnterpriseUnit, Engine, Services, Materia/Service		
. CrossEnterpriseUnit. Engine: Services. Material/ownerService . CrossEnterpriseUnit. Engine. Services. Transactions/Service . CrossEnterpriseUnit. Engine. Services. Transactions/Service . CrossEnterpriseUnit. Engine. Services. StudSiymChronizationService . CrossEnterpriseUnit. Engine. Services. KEUSISErvice . CrossEnterpriseUnit. Engine. Services. RenameMaterialService		
Create Property	True	
Create Supplement	True	
Default Bin		
Default Material Property		
Family separator	Ň	
Single Line	Ealse	
reate Family rue: The family will be created, if the family does not exist		

**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.

oose Input Channel		
Please choose and configure the Input Channel		
annel:		
CrossEnterpriseUnit.Engine.Channels.FileChannel		
CrossEnterpriseUnit.Engine.Channels.FileChannel		
CrossEnterpriseUnit.Engine.Channels.DatabaseChannel		
CrossEnterpriseUnit.Engine.Channels.SAPIdocChannel		
Error File	*.err	
File		
Comment Indicator		
Culture	en-US	
Encoding	Windows-1252	
File Name		
Pattern		
Temporary File		
Trigger File		
Options		
Prompt	False	
Retry	0	
Starting Line	1	
Post Transfer		
Post Import Action	Default	
Post Import Action Parameter		
attern		
ecifies the structure of data to be transferred, containing	the columns and their mapping, column format etc.	

**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.

hannel:		
P.CrossEnterpriseUnit.Engine.Channels.FileChannel		
▲ Error Handling		
Error File	*.err	1
4 File		
Comment Indicator		
Culture	en-US	
Encoding	Windows-1252	
Eile Name		
Pattern		
Temporary File		
Trigger File		
4 Options		
Prompt	False	
Retry	0	
Starting Line	1	
4 Post Transfer		
Post Import Action	Default	
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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.

Imateriabase.Infof         Materiabase.Infof         Materiabase.Infof         Materiabase.Istocked         Materiabase.Istocked         Materiabase.Istocked         Materiabase.Nateriablese         Identifies the optional Expression used to calculate the value of the current field.         Delete       Close         Options       False         Ratry       0         Statring Line       1         Post.Import Action Parameter       Default         Post Import Action Parameter       Default         edifies the structure of data to be transferred, containing the columns and their mapping, column format etc.	on column hea	ders to configure:		
Image:	1			
Materialbase.throfs  Waterialbase.throfs  Waterialb				
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ile:		Materialbase.UnitOfMeasure		
Expression       Definition the optional Expression used to calculate the value of the current field.       Delete     Close       Options     False       Prompt     False       Retry     0       Starting Line     1       Post Transfer     Post Import Action Parameter	ails:			
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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.

ck on column hea	ders to configure:			
N N	-			
	Options     Expression			
5ample:	Format Length	-1		
	Lookup Mapping			
)etailc:	Separator	i		
	Separator			
	Literal text after the field	content.		
4 Options	Delete		Close OK	
Prompt				
Retry		0		
Starting Line		10		
Post Transf	er			
Post Import	Action	Default		
Post Import	Action Parameter			
Pattern Specifies the stru	icture of data to be transferre	ed, containing the columns and th	eir mapping, column format etc.	

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.

hannel:	
P. CrossEnternrisel Init, Engine, Channels, EileChan	nel
▲ Error Handling	
Error File	*.err
⊿ File	
Comment Indicator	
Culture	en-US
Encoding	Windows-1252
File Name	
Pattern	{name=Materialbase.MaterialName;separator=;;length=-1
Temporary File	
Trigger File	
▲ Options	
Prompt	False
Retry	0
Starting Line	1
4 Post Transfer	
Post Import Action	Default
Post Import Action Parameter	

Test to ensure the file is being imported properly.

Materialbase.MaterialVame Materialbase.Info1	
#         Log           Materialbase MaterialName         Materialbase.Info1	
Materialbase.MaterialName Materialbase.Info1	
Run Test Cancel Test	

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.

matList - Notepac	
File Edit Format	View Help
Material, Info	ormation 1, Property
100,Bolt,perm	/anentMat
1005636,BELT,	, permanent Mat
1007848, HEIGH	IT MODULES LIFTING DEVICE SHUTTLE*,permanentMat
1009992,HDWR	CHAIN ANCHOR EXTRACTOR C*, permanentMat
1127414,CHAIN	1,permanentMat
1162700, MOTOR	<pre>c, permanentMat</pre>
1262799, COVER	<pre>c, permanentMat</pre>
1262989, MOTOR	EXTRACTOR 200 KG /440LB PRE NT permanentMat
1263631, PHOTO	CELL (BLUE) ALL SHUTTLES TRANSMITTER, permanentMat
1361195, PHOTO	CELL SHUTTLE WERAC TRANS. (2ND GEN) SAFETY, permanentMat
1362334 .CONTA	ACTOR.permanentMat
1365618.FUSE	F6 250V 4A 5×20MM*.permanentMat
1460203.FUSE	F10 TEMPERATURE SENSOR permanentMat
1542398, PLATE	- permanentMat
158691.CASE 4	A/N DISPLAY TOP COVER*, permanentMat
162164V1.G5-	$\frac{1}{28}$ 220V DELIVERY MOTOR (0 - 1), permanentMat
162933.SWITCH	1.permapentMat
16568 SWITCH	nermanentMat
16618, SWITCH.	. permanent Mat
177071 WTNDOY	/ nermanentMat
18127 BUSHTNO	DISTANCE 105/110/150* permapentMat

*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.

_			
		d now	1
	#		
	11	CEU FileChannel: Template is unable to import the line. (The Separator is not ro	
-	10	CEO FileChamiler, reinplace is unable to import the line, (the separator is not to	
2	9	CELL EleChannel: Toeslate is usable to impact the line. (The Constater is not found in the line).	
	0	CEU FileChampel, Template is unable to import the line. (The Separator is not found in the input string)	
1	6	ECV (1) - Material Information 1 Departu	
T	5	Data Renin	1
1.	_	and the second	80

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.

l Test your configuration in diagnost	ics mode				
11					
l.t.				11.2	
# VLCT (10) - 13007	LICHUL MINDEURINI TOP COTER , DO	E AN DISPERT FOR COVER (permanence)			
1) 20 RECV (15) : 15423	98,PLATE,permanentMat				
19 RECV (14) : 1460203, FUSE F10 TEMPERATURE SENSOR, permanent Mat					
1) 18 RECV (13) : 13656	18,FUSE F6 250V 4A 5X20MM*,perma	F6 250V 4A 5X20MM*,permanentMat			
17 RECV (12) : 13623	34,CONTACTOR,permanentMat				
16 RECV (11) : 1361:	195, PHOTOCELL SHUTTLE WERAC TR	ANS. (2ND GEN) SA			
1) 15 RECV (10) : 1263	631,PHOTOCELL (BLUE) ALL SHUTTL	ES TRANSMITTER, per			
14 RECV (9) : 126290	39,MOTOR EXTRACTOR 200 KG /440	LB PRE NT,permanent		-	
Materialbase.MaterialName	Materialbase.Info1	Materialproperty.PropertyName	Materialproperty.Command	-	
Material	Information 1	Property			
100	Bolt	permanentMat			
1005636	BELT	permanentMat			
1007848	HEIGHT MODULES LIFTI	permanentMat			
1009992	HDWR CHAIN ANCHOR E	. permanentMat			
1127414	CHAIN	permanentMat			
1162700	MOTOR	permanentMat			
1262799	COVER	permanentMat			
1262989	MOTOR EXTRACTOR 200	permanentMat			
1263631	PHOTOCELL (BLUE) ALL	permanentMat			
1361195	PHOTOCELL SHUTTLE W	permanentMat			
1362334	CONTACTOR	permanentMat			
	FUSE F6 250V 4A 5X20M	permanentMat		•	
1365618					
1365618	Cancel Test				

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.

		Da	
Jame:	Transferred Itens:		
Mat	0		New Profile
Diagnostics Mode			
Profile Details			Rename Prof
Service	GP. CrossEnterpriseUnit. Engine. Services. MaterialService		
File Name	C:\Users\Software Solutions\Documents\matList.csv		
Pattern	{name=Materialbase.MaterialName;separator=,;length=-1;format=;mapping=;lookup=;expression=;script=;}	- E	Modity Proti
Start Time	11/19/2019 11:22:53 AM		
Next Execution			
Last Execution	No end		Start Profil
Level	4		
Repetition Interval	0		~
Mode	Manual Mode	_	👗 Delete Profi
Repetition Cycle		L	
# Log			
		1	J Lancet Profi

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