## 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)			
Application Management Order Storage Reporting Tools Help			
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Deta Transfer			Data Transfer 🛛 🗮 🛪
Kinst Transfer     Without Transfer     Without Transfer     Without Transfer     Station 101	Name: W1N-07781440-69	Transferred Itens:	New Profile
	Disgnostics Mode		1.0
	Paraneter Details		Rename Profile
	Phost Transfer Parameter Enabled		Modily Profile
			Save Profile
			🗶 Delete Profile
	đ 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:			
Naterial Import			
Manual Mode	V Profile Enabled		
ang of recurrence			
Start:		Access Class for Profile	
06/21/2019 03:52:46 PM		Access Class 4	
Scheduled Next Start:	O End by:		
ecurrence pattern			Day
			💟 Sunday
Every second Every minute	Every:		📝 Monday
Hourly	Second(	(s)	V Tuesday
Daily			Vednesday
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Monthly			Friday
			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		
rvice:		
TVICE.		
CrossEnterpriseUnit.Engine.Services.MaterialService		
CrossEnterpriseUnit, Engine, Services, MaterialService		
CoosEnterpriseUnit. Engine. Services. Material/ownerService :CrossEnterpriseUnit. Engine. Services. OrderService :CrossEnterpriseUnit. Engine. Services. TransactionsService :CrossEnterpriseUnit. Engine. Services. StudioSynchronitationService :CrossEnterpriseUnit. Engine. Services. StudioService :CrossEnterpriseUnit. Engine. Services. RenameNaterialService :CrossEnterpriseUnit. Engine. Services. RenameNaterialService :CrossEnterpriseUnit. Engine. Services. DevaluationsEnvice		
Create Property	True	
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Default Material Property		
Family separator	N	
Single Line	False	
Ereate 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.

ose Input Channel		
Please choose and configure the Input Channel		
annel:		
CrossEnterpriseUnit.Engine.Channels.FileChannel		
CrossEnterpriseUnit.Engine.Channels.FileChannel		
.CrossEnterpriseUnit.Engine.Channels.XMLFileChannel .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 th	e 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.FileChann	el	
∰ 2↓ I 🖾		
4 Error Handling		
Error File	*.err	
⊿ File		
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Culture	en-US	
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File Name		
Pattern		
Temporary File		
Trigger File		
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Prompt	False	
Retry	0	
Starting Line	1	
Post Transfer		
Post Import Action	Default	
Post Import Action Parameter		

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.

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		cture of data to be transferred, containing the columns and their m	apping, column format etc.	

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

sk on column hea	ders to configure:			
N N	1			
	Options     Expression			
5ample:	Format Length	-1		
	Lookup Mapping Script			
Details:	Separator			
	Separator Literal text after the field co	intent.		
4 Options	Delete		Close OK	
Prompt	C.			
Retry		0		
Starting Line		1		
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Post Import	Action r al allieter			
	icture of data to be transferred	, containing the columns and the	ir mapping, column format etc.	
				20 - 21

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.CrossEnterpriseUnit.Engine.Channels.FileChan	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	
4 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.

est your configuration in diagnostics mode			
#			
laterialbase.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.

File Edit Form	at View Help
Material, Ir	formation 1, Property
100,Bolt,pe	rmanentMat
1005636, BEL	T,permanentMat
1007848, HEI	GHT MODULES LIFTING DEVICE SHUTTLE*,permanentMat
1009992, HDW	R CHAIN ANCHOR EXTRACTOR C*,permanentMat
1127414 ,CHA	IN,permanentMat
1162700,MOT	OR, permanentMat
1262799, COV	ER, permanentMat
1262989,MOT	OR EXTRACTOR 200 KG /440LB PRE NT,permanentMat
1263631, PHC	TOCELL (BLUE) ALL SHUTTLES TRANSMITTER, permanentMat
1361195, PHC	TOCELL SHUTTLE WERAC TRANS. (2ND GEN) SAFETY, permanentMat
	TACTOR, permanentMat
1365618, FUS	E F6 250V 4A 5X20MM*,permanentMat
1460203, FUS	E F10 TEMPERATURE SENSOR, permanentMat
1542398,PLA	TE, permanentMat
158691,CASE	A/N DISPLAY TOP COVER*, permanentMat
162164V1,G9	-52B 220V DELIVERY MOTOR (0 - 1),permanentMat
	CH, permanentMat
16568,SWITC	H, permanent Mat
	H,permanentMat
	OW, permanentMat
18127, BUSHI	NG DISTANCE 105/110/150*,permanentMat

*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.

_			
-	#		•
	11	CEU FileChannel: Template is unable to import the line. (The Separator is not fo	
	10	CEU FileChannel: Template is unable to import the line. (The Separator is not fo	
1	9	RECV (2) : 100,Bolt,permanentMat	
	8	CEU FileChannel: Template is unable to import the line. (The Separator is not found in the Input String)	
	7	CEU FileChannel: Template is unable to import the line. (The Separator is not fo	
2		RECV (1) : Material, Information 1, Property	
1	5	Data Begin.	

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.

est your configuration in diagnostic	s mode					
# * Log	CASE ANY DISPLATION COVER , po					
	3,PLATE,permanentMat	india and				
	3, FUSE F10 TEMPERATURE SENSOR,	permanentMat				
	18 RECV (13) : 1365618,FUSE F6 250V 4A 5X20MM*,permanentMat					
	,CONTACTOR,permanentMat			1		
16 RECV (11) : 136119	5,PHOTOCELL SHUTTLE WERAC TR	ANS. (2ND GEN) SA				
1) 15 RECV (10) : 12636	31,PHOTOCELL (BLUE) ALL SHUTTL	ES TRANSMITTER, per				
14 RECV (9) : 1262989	9,MOTOR EXTRACTOR 200 KG /440	LB PRE NT,permanent		2		
Materialbase.MaterialName	Materialbase.Info1	Materialproperty.PropertyName	Materialproperty.Command			
Material	Information 1	Property				
100	Bolt	permanentMat				
1005636	BELT	permanentMat		1		
1007848	HEIGHT MODULES LIFTI	permanentMat				
1009992	HDWR CHAIN ANCHOR E	permanentMat				
1127414	CHAIN	permanentMat				
1162700	MOTOR	permanentMat				
1262799	COVER	permanentMat				
1262989	MOTOR EXTRACTOR 200					
1263631	PHOTOCELL (BLUE) ALL					
1361195	PHOTOCELL SHUTTLE W					
1362334	CONTACTOR	permanentMat				
1365618	FUSE F6 250V 4A 5X20M	permanentMat				
	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.

		Data Transfer
Name:	Transferred Items:	New Profile
Mat	0	New Prome
Diagnostics Mode		
Profile Details		Rename Prol
Service	GP.CrossEnterpriseUnit.Engine.Services.MaterialService	<ul> <li></li></ul>
File Name	C:\Users\Software Solutions\Documents\matList.csv	
Pattern	{name=Materialbase.MaterialName;separator=;;length=-1;format=;mapping=;lookup=;expression=;script=;}	🗉 📝 Modify Profi
Start Time	11/19/2019 11:22:53 AM	
Next Execution		
Last Execution	No end	Start Profil
Level	4	L
Repetition Interval	0	· · · · · · · · · · · · · · · · · · ·
Mode	Manual Mode	Delete Profi
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