

# VXL Template

GLS840-Voucher Entry GL Position Based

User Instruction

17/01/2023

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## Version Control

Version	Date	Changed by	Comments
V1	12/14/22	N/A	N/A

## 1 Why VXL Templates?

In general, the purpose of a VXL template is to give our customers a good starting point in relation to data maintenance within a specific area in M3. A predefined VXL template can work for the customer exactly as it is but can also lack specific data or provide more data beyond what the customer maintains. The idea is that customers have the VXL template as a starting point and can themselves make the necessary small adjustments to make it perfect for their own needs.

## 2 What will it solve?

The purpose of this VXL template is to save time and cost on importing multiple vouchers from Excel and directly in to the M3 General Ledger.

## 3 How does it work?

This function has only one import task from Excel to M3.

- You can import multiple vouchers directly into the General ledger in one click.
- The import uses APIs from the GLS840MI interface

## 4 Where can you find the VXL Template?

This template is installed in the Vince Template Company on the VXL server. The function is named "TEMPL\_GLS840MI\_Voucher\_Entry\_GL\_PosBsd"

## 5 Limitations

- This VXL template is intended for M3 versions that have the "old" GLS840MI interface called "Generic GL Interface" (see screendump below)
- For those of you who have the new GLS840MI interface called "Finance Interface", there is an alternative VXL template for this.

Program	GLS840MI		
Description	Generic GL interface		
Transaction	Description	Sts	
<input type="text"/>			
AddBatchHead	Add data to FGLINH	20	
AddBatchLine	Add data to FGLINL	20	
CtrlBatch	Run option 6 from GLS840	20	
UpdBatch	Run option 9 from GLS840	20	

## 6 Recommendations

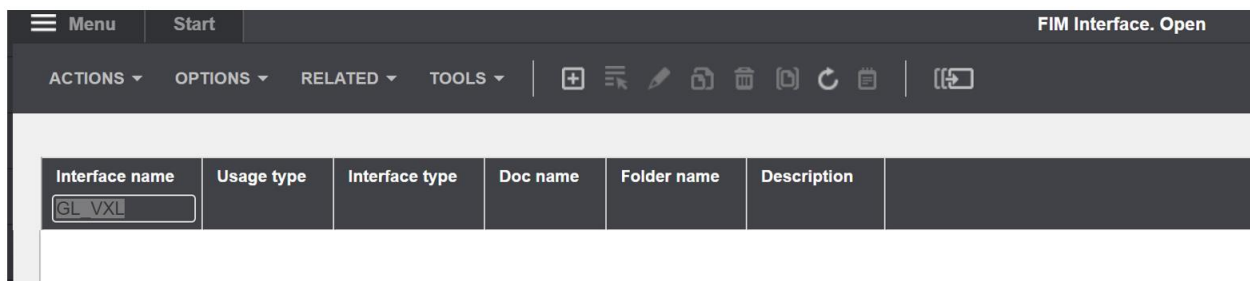
- If you want to use this VXL template, it requires setting up a FIM Interface in the GLS850. How to set up such an interface is described in the documentation below.
- If you would like to do any changes to the template, we recommend that you copy the function in the VXL server and do the changes on the copied function.
- This VXL template has not been tested in depth by Vince, so we recommend testing this thoroughly in the M3 test environment before this is lifted to the M3 production environment.

## 7 Setup of the FIM interface

For the VXL to be able to transfer data to M3, a FIM interface must be set up in the GLS850.

### GLS850/B - FIM Interface

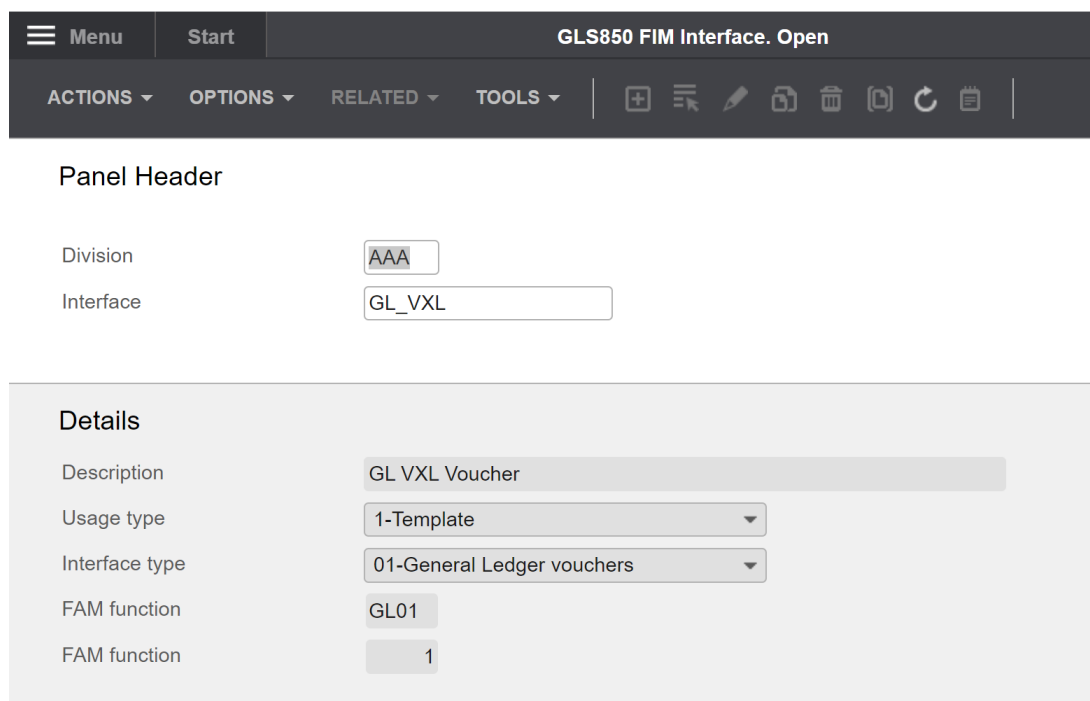
Open GLS850 and enter a interface name in the field "Interface name". Then create new.



Interface name	Usage type	Interface type	Doc name	Folder name	Description
GL_VXL					

In GLS850/E enter the division, the Description and all other settings as shown below.

Then click next and you will come back to GLS850/B



**Panel Header**

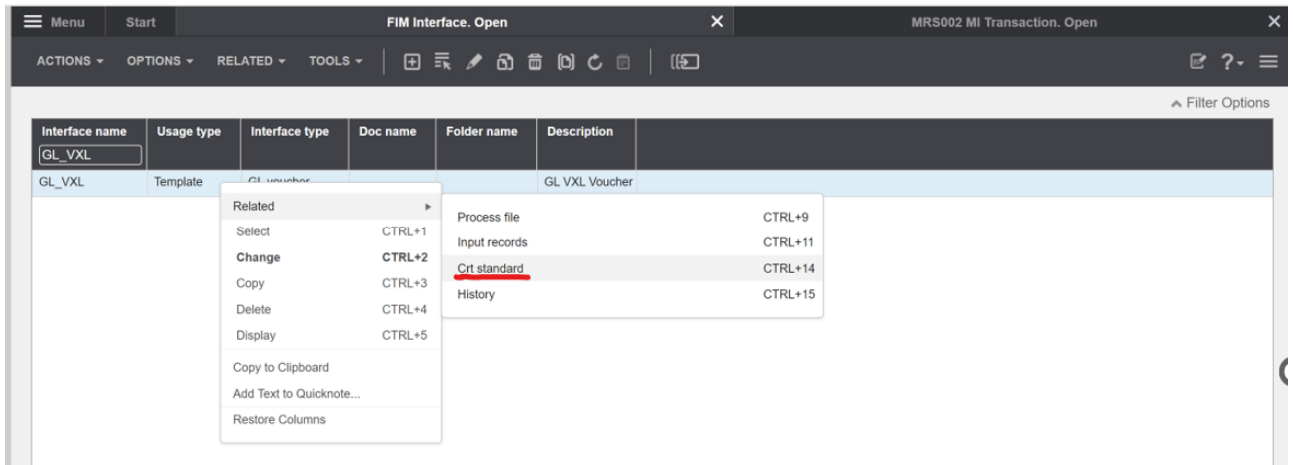
Division: AAA  
Interface: GL\_VXL

**Details**

Description: GL VXL Voucher  
Usage type: 1-Template  
Interface type: 01-General Ledger vouchers  
FAM function: GL01  
FAM function: 1

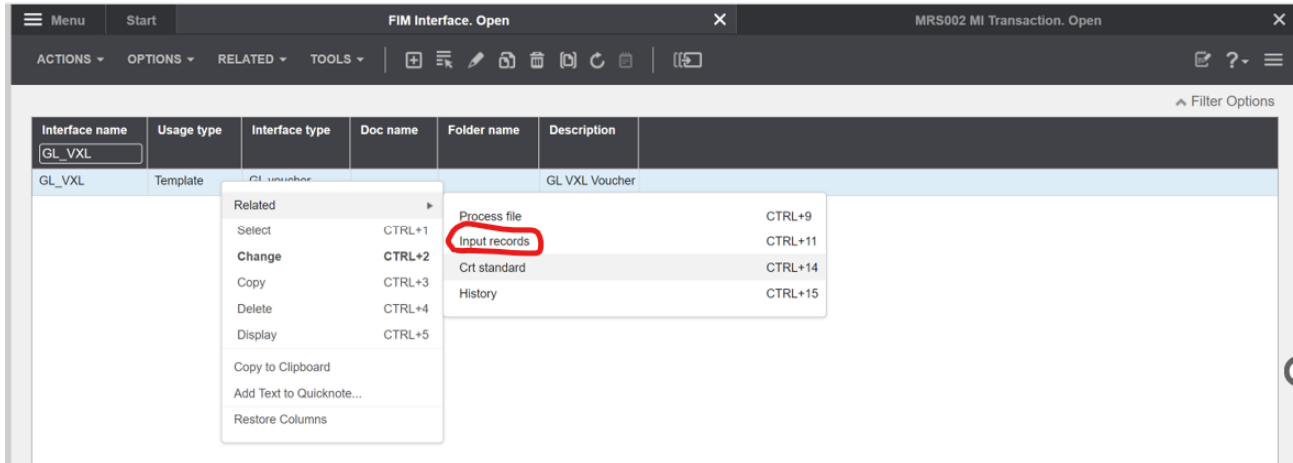
Right-click on the interface you just created and select related and "Crt standard".

This will generate the input and output settings for your interface automatically.












Now your interface should be established and ready to communicate data from VXL. If you want to do a quality check of the interface, you can compare the following screenshots below with the interface you have just created.

Select Related and select "input records" to see the input and output fields generated for your interface.



## GLS855/B Input Records

Menu Start GLS855 FIM Interface. Define Input Records

ACTIONS ▾ OPTIONS ▾ RELATED ▾ TOOLS ▾ |         | 

**Panel Header**

Division: AAA










Interface: GL\_VXL

**Details**

ID	Description	ID string	From	To
I1	Journals - Input 1	I1	1	2

## GLS855/E

Menu Start GLS855 FIM Interface. Define Input Records

ACTIONS ▾ OPTIONS ▾ RELATED ▾ TOOLS ▾ |         | 

**Panel Header**

Interface: GL\_VXL GL VXL Voucher

Input record ID: I1

**Details**

Description: Journals - Input 1










ID string: I1

From position: 1

To position: 2

## GLS855/B - Related → Input fields(11)

Menu Start GLS855 FIM Interface. Define Input Records

ACTIONS ▾ OPTIONS ▾ RELATED ▾ TOOLS ▾ |         | 

**Panel Header**

Division: AAA

Interface: GL\_VXL

**Details**

ID	Description	ID string	From	To
I1	Journals - Input 1	I1		

Related

- Select CTRL+1
- Change CTRL+2**
- Copy CTRL+3

Input fields CTRL+11

Output records CTRL+12

Menu Start GLS856 FIM Interface. Define Input Fields

ACTIONS ▾ OPTIONS ▾ RELATED ▾ TOOLS ▾

Panel Header

Division   
 Interface name   
 Input record ID  Journals - Input 1

Details

From	To	Data	Description	Ftp	Length
1	2	ID	identity	A	2
3	11	RNNO	run number	A	9
12	19	GRNR	group number	A	8
20	22	DIVI	division	A	3
23	23	EICD	external/internal tr	A	1
24	33	AIT1	accounting dimension	A	10
34	43	AIT2	accounting dimension	A	10
44	53	AIT3	accounting dimension	A	10
54	63	AIT4	accounting dimension	A	10
64	73	AIT5	accounting dimension	A	10
74	83	AIT6	accounting dimension	A	10
84	93	AIT7	accounting dimension	A	10
94	110	ACQT	quantity	A	17
111	113	CUCD	currency	A	3
114	115	CRTP	exchange rate type	A	2
116	128	ARAT	exchange rate	A	13
129	145	CUAM	foreign currency amo	A	17
146	153	ACDT	accounting date	A	8
154	155	VTCD	VAT code	A	2
156	195	VTXT	voucher text	A	40

GLS855/B - Related → Output Records(12)

Menu Start GLS855 FIM Interface. Define Input Records

ACTIONS ▾ OPTIONS ▾ RELATED ▾ TOOLS ▾

Panel Header

Division   
 Interface

Details

ID	Description	ID string	From	To
11	Journals - Input 1	11	1	2

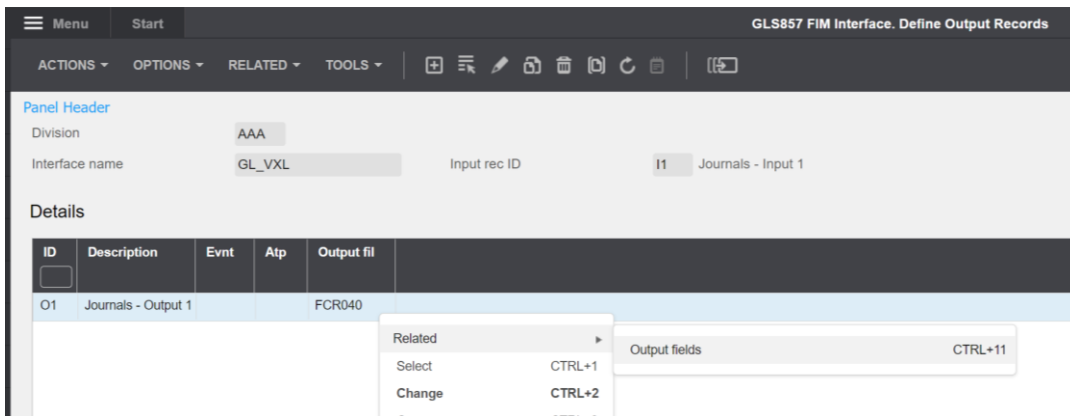
Related ▸

- Select CTRL+1
- Change** CTRL+2
- Copy CTRL+3
- Delete CTRL+4
- Display CTRL+5
- Copy to Clipboard
- Add Text to Quicknote...

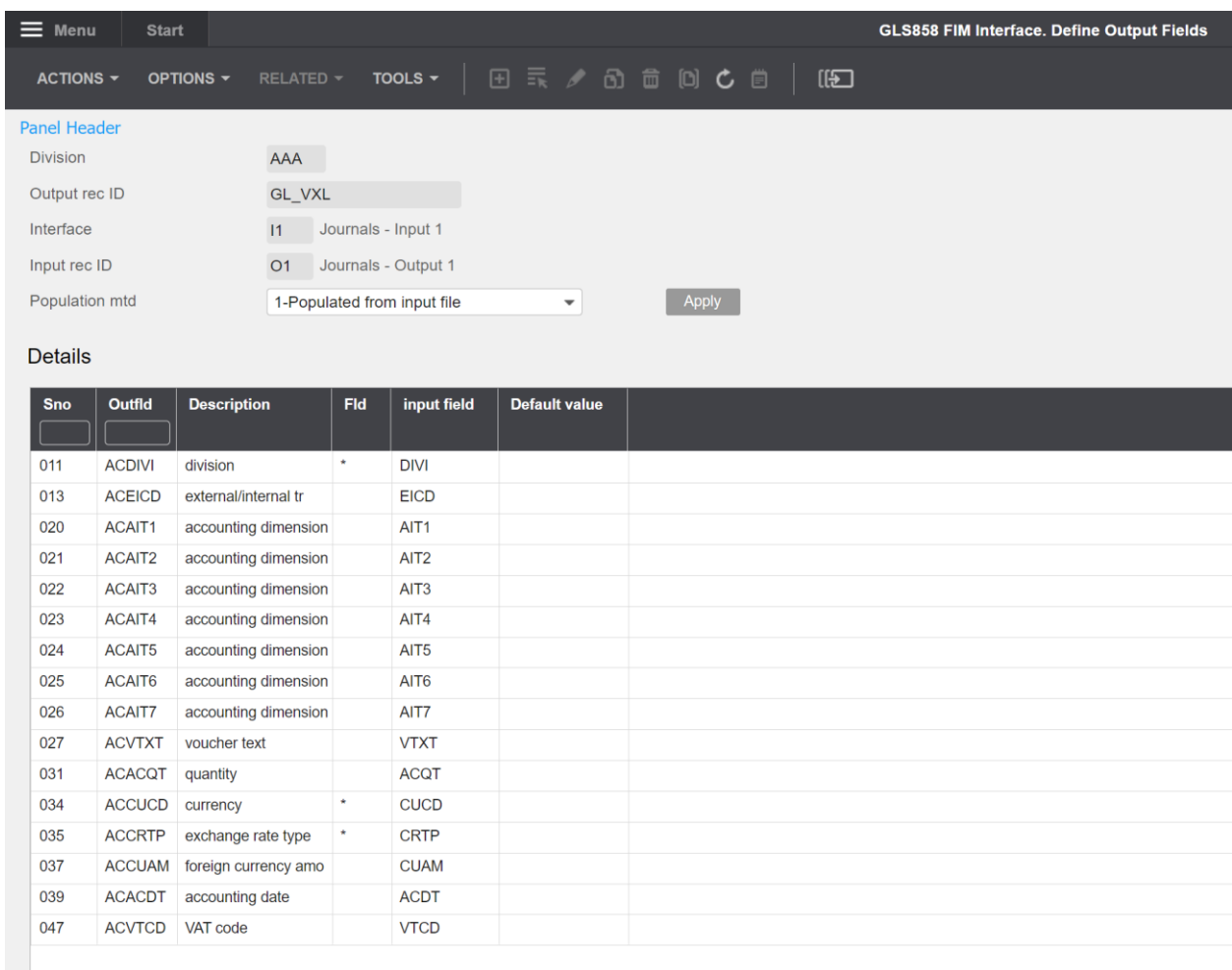
Input fields CTRL+11

Output records CTRL+12

GLS855/B - Related → Output fields(11)



GLS858/B Outputfields

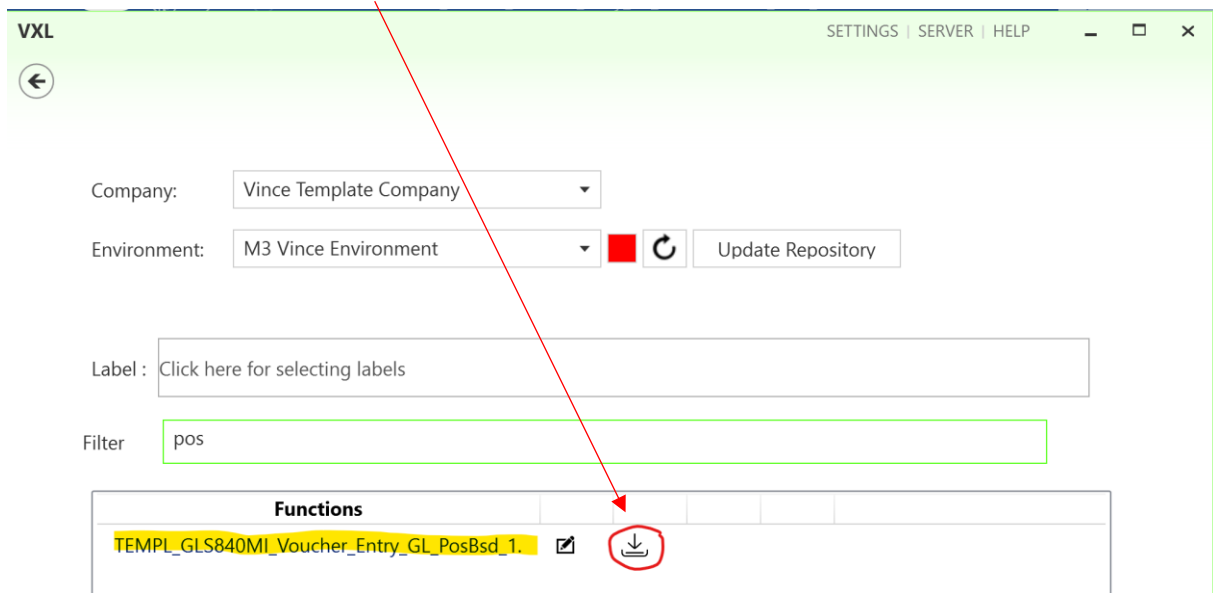


Hopefully your interface looked good and we can proceed with looking at the Excel file to be uploaded to M3.



## 8 Excel Upload File

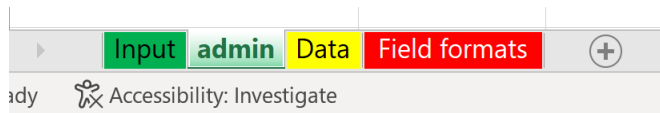
You can retrieve the Excel Upload file by opening the VXL Client, find your GLS840 Voucher Entry function, and click on this ikon to the right of the function.



This Excel file will then be opened



The Excel upload file consists of four separate sheets/tabs:




Tab	Description
<b>Input</b>	Here the user enters the data for the journal upload.
<b>Admin</b>	The user enters: <ul style="list-style-type: none"><li>• Company</li><li>• Division</li><li>• Interface</li><li>• Interface description</li><li>• User</li><li>• Input record ID</li><li>• External/internal</li></ul>
<b>Data</b>	The data in this tab is what VXL uses to run the function (all data is retrieved from the other tabs).
<b>Field formats</b>	The input fields in GLS856/B1 correspond to the data in tab. This tab is used assure that all field formats are respected.

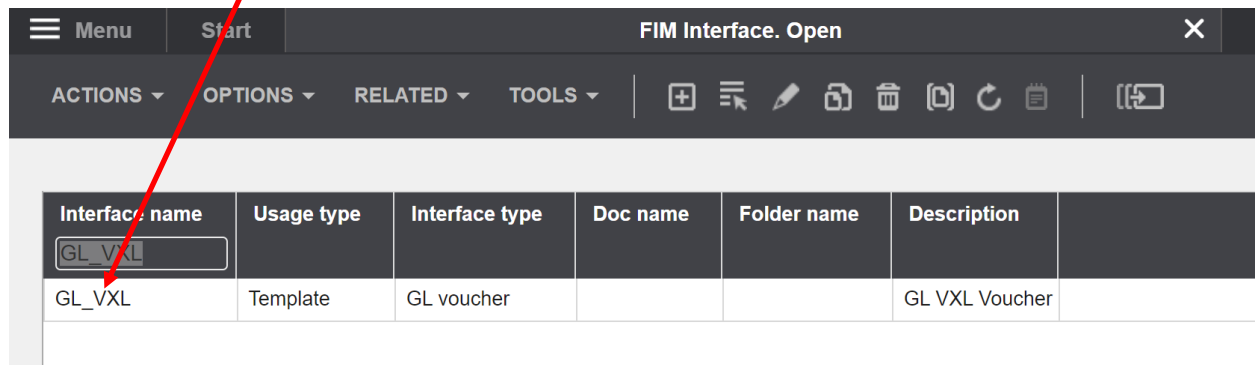
Before you try to import the Excel Upload file, there are some Excel Tabs that need to be explained and also some data that needs to be added.

## 8.1 Admin Tab

In the admin tab, you need to update some fields for your import to go through correctly.

In particular it is important that you fill in your company, your division and the correct interface name in cell B7 - this must be identical to the name of the FIM Interface you created in GLS850.

	A	B	C
1			
2	GLS840 - Voucher		
3			
4	<b>Company</b>	600	set in the admin tab, cell B1
5	<b>Division</b>	AAA	set in the admin-tab, cell B2
6	<i>Key value</i>		set in the input-tab, column P
7	<b>Interface</b>	GL_VXL	set in the admin-tab, cell B4
8	<b>Interface description</b>	GL VXL Voucher	set in the admin-tab, cell B5
9	<b>User</b>		optional
10	<b>Input record ID:</b>	11	set in the admin-tab, cell B7
11	<i>Run Number</i>		set in the input-tab, column P
12	<i>Group Number</i>		set in the input-tab, column Q
13	<b>External/Internal</b>	0	
14	<i>Password for protected sheets</i>	Vince	
15			



Interface name	Usage type	Interface type	Doc name	Folder name	Description
GL_VXL	Template	GL voucher			GL VXL Voucher

## 8.2 Input Tab

In the Input tab you enter the voucher data you want to import.

You can enter as many voucher lines as you prefer in this this tab.

Important:

- In column P, you manually enter the interface number to be created in GLS840 when importing Voucher Entries. Give the voucher lines that you want to be included in the same run, an identical Run Number in column P (see screen dump below where both lines have Run number 112)

Remember to enter an interface number that does not already exist in the GLS840.

Alternatively, delete the interface number in the GLS840 first if you want to use an interface number that has been used previously.

Dimension 1	Dimension 2	Dimension 3	Dimension 4	Dimension 5	Dimension 6	Accounting Rule	Quantity	Currency	Exch. Rate tp	Currency rate	Currency amount	Accounting date	VAT code	Voucher text (Max 40 lkn)	Run number
62100	1180							USD	1	1.000000	50.00	20170618		Voucher Templ Testing	112
62200	1180							USD	1	1.000000	-50.00	20170618		Voucher Templ Testing	112

## 8.3 Data tab

Based on the data you enter in the **Admin tab** and **Input tab**, a set of data is automatically created in the **Data tab**.

This data is used as input to the APIs when importing to M3.

Before you do any import to M3 make sure that the API responses from earlier runs are deleted.

It should look like this:

Company	Division	Key value	Interface	Description	User	Line no	Parameter	RESPONSE TOTAL
600 AAA	112	GL_VXL	GL_VXL	GL_VXL Voucher	1	11112	AAA062100 1180	OK
600 AAA	112	GL_VXL	GL_VXL	GL_VXL Voucher	2	11112	AAA062200 1180	OK

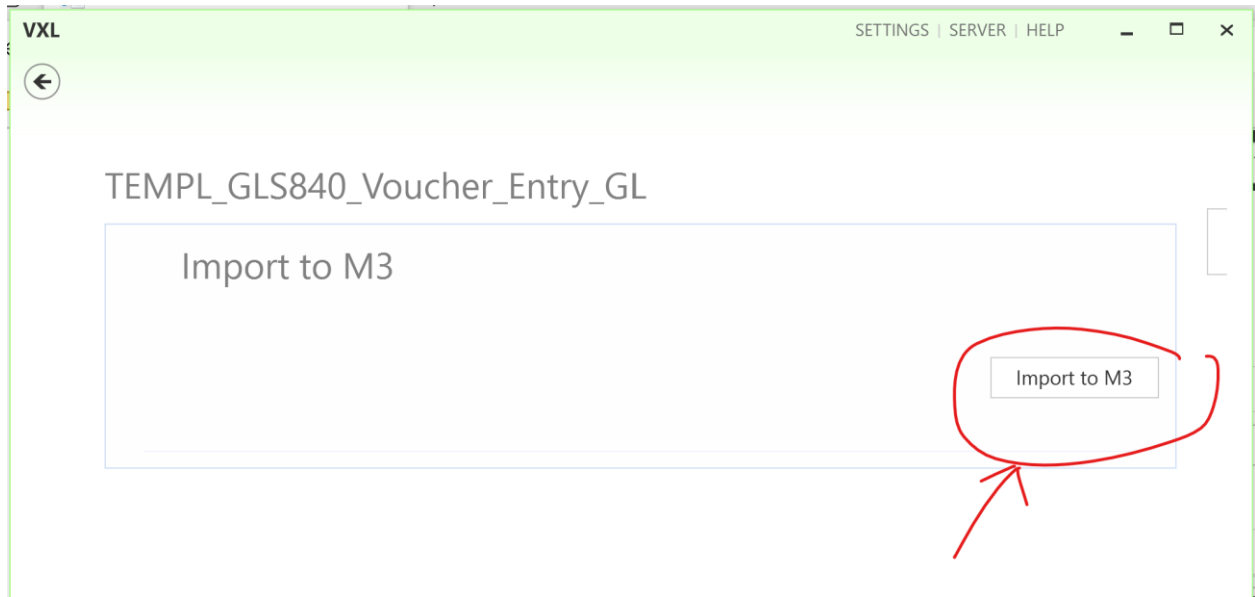
And Not like this:

Company	Division	Key value	Interface	Description	User	Line no	Parameter	RESPONSE TOTAL
600 AAA	112	GL_VXL	GL_VXL	GL_VXL Voucher	1	11112	AAA062100 1180	OK
600 AAA	112	GL_VXL	GL_VXL	GL_VXL Voucher	2	11112	AAA062200 1180	NOK

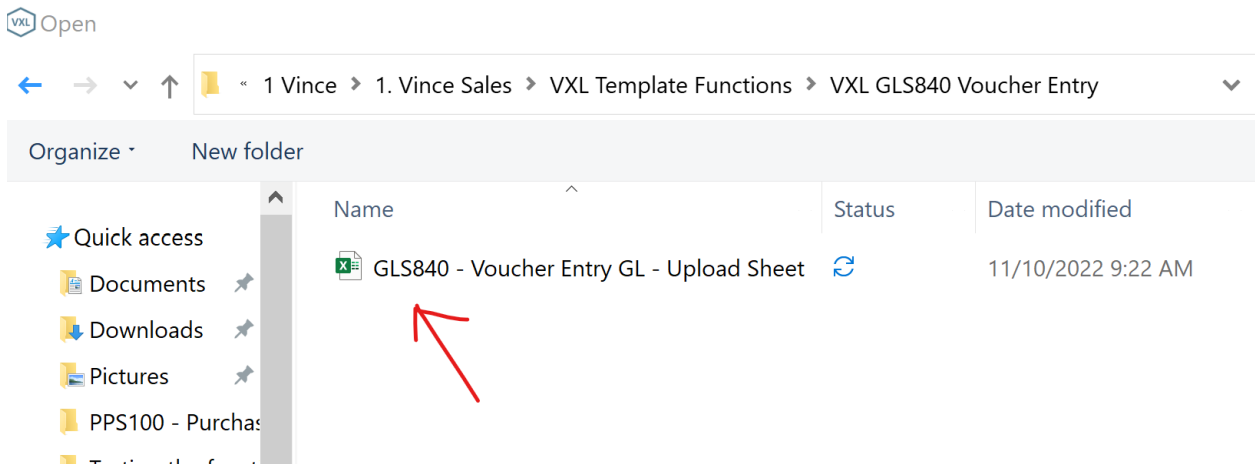
Delete these API responses from the previous import

## 9 How to run the function in the VXL Client

Click the "Import to M3" button:



And select the excel file to be imported



When the import is done, the Excel upload file will automatically open and present the Data tab with the API responses on how the import went.

As you can see from the screen dump below, the import went OK for both lines and the APIs involved in the import.

The third line in orange shows Not OK. You will always get a line at the very end that says NOK, that is because this line has no data and is a consequence of the way the excel file is structured.

LINE	PARAM	RESPONSE	GLS840MI AddBatchHead	GLS840MI AddBatchLine	GLS840MI UpdBatch
1	I1112 AAA062100 1180	OK	OK	OK	OK
2	I1112 AAA062200 1180	OK	OK	OK	OK
		NOK Key Value must be entered	NOK	Key va	

### 9.1 The result in M3

If we open GLS840 in M3 after the import, we see the result of the run.

We see that we have received a Key value equal to 112 (which is the same number that we entered as Run number in the Input tab).

And the status of the run is equal to 20 which means that it has been updated to the General Ledger.

Key value	Interface	Status	Description	User
112	GL_VXL	20	GL VXL Voucher	

The lines in the GLS841 look like this

Line number	Status			
1	10	I1112	AAA062100	1180
2	10	I1112	AAA062200	1180