

VXL Template

BUS100 – Budget Admin Periodic Level

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 BUS100 – Budget maintenance in M3.

3 How does it work?

This template has tasks for both export from M3 to Excel and Import from Excel back to M3.

Export from M3 to Excel

- You can export Budget Header & Lines from BUS100/101 from M3 to Excel

Import from Excel to M3

- You can import budget lines from Excel back to BUS101 in M3.
 - Import updated budget lines from Excel to M3
 - Import new budget lines from Excel to M3
 - Import deleted budget lines from Excel to M3
- You can create a new budget with header & lines from Excel back to BUS100/101 in M3.
- It does not matter if the data you import is modified data from the export, or if you enter the data manually into the Excel sheet before the import.

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_BUS100_Budget_Admin_PeriodicLevel"

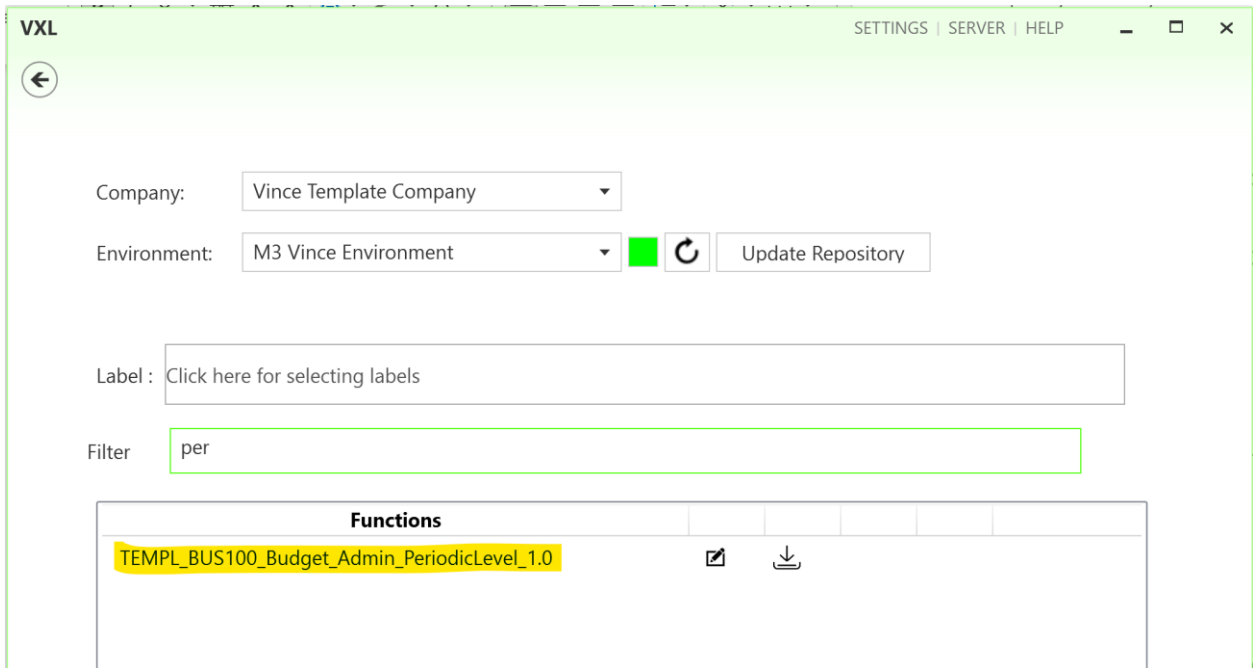
5 Recommendations

The template can be run and used as it is. If you want to make changes to the VXL template, we recommend that you copy the template to a new function and make your changes to this instead.

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.

6 The VXL Client

In the VXL client you will find your new template "TEMPL_BUS100_Budget_Admin_PeriodicLevel"



When you open the function as shown below, it contains various tasks for export and import.

6.1 Export and Import Tasks

The VXL function contains the following tasks for export from M3 to Excel

<p>Export Existing M3 Budget</p> <p>Company <input type="text"/> Division <input type="text"/></p> <p>Budget number <input type="text"/> Budget version <input type="text"/></p> <p><input type="button" value="Export Existing M3 B..."/></p>	← This task is used for exporting BUS100/101 - Budget periodic data from M3 to Excel.
<p>Add, Upd, Delete Budget Lines</p> <p><input type="button" value="Add, Upd, Delete Budget Lines"/></p> <p>Import Detail</p> <p>Set x to delete Equal <input type="text" value="x"/></p>	← This task is used for importing BUS101 - budget periodic data from Excel to M3. You may add new lines, update existing lines or delete lines in BUS101.
<p>Create new Budget in M3 from scratch</p> <p><input type="button" value="Create new Budget in M3 from scratch"/></p>	← This task is used for creating a new budget from scratch with BUS100 header and BUS101 lines from Excel to M3

7 Example - How to run the VXL template

7.1 Export BUS100/101 – Budget with periodic level data from M3 to Excel

- Enter the Company id in the field "Company".
- Enter the Division in the field "Division". This field is mandatory.
- Enter the Budget number in the field "Budget number". This field is mandatory.
- Enter the Budget version in the field "Budget version". This field is mandatory.

Then click the button "Export Existing M3 Budget", give the Excel-file a name and store it.

Export Existing M3 Budget

Company	<input type="text" value="600"/>	Division	<input type="text" value="AAA"/>
Budget number	<input type="text" value="002"/>	Budget version	<input type="text" value="2014"/>

The budget will then be exported to the excel file as shown below.

You may now start to edit your budget data in the Excel sheet.

vince BUS100 - Budget Administration_Periodic												
1	Company	600	Division	AAA								
2	Budget No	2	Budget version	2014								
3	Description	Budget 2014 - Period level										
4	Start period	201401	Exch rate type	1								
5	No. of periods	12	Round-off catg	0								
6	Upd bal file	1	Distr. Template									
7												
8												
9	Set x to delete	Period	Acc dimension 1	Acc dimension 2	Acc dimension 3	Acc dimension 4	Acc dimension 5	Acc dimension 6	Acc dimension 7	Currency	Amount	
10		201401	30100	1160	30100	1501				EUR	221.00	
11		201402	30100	1160	30100	1501				EUR	222.00	
12		201403	30100	1160	30100	1501				EUR	223.00	
13		201404	30100	1160	30100	1501				EUR	224.00	
14		201405	30100	1160	30100	1501				EUR	225.00	
15		201406	30100	1160	30100	1501				EUR	226.00	
16		201407	30100	1160	30100	1501				EUR	227.00	
17		201408	30100	1160	30100	1501				EUR	228.00	
18		201409	30100	1160	30100	1501				EUR	229.00	
19		201410	30100	1160	30100	1501				EUR	230.00	
20		201411	30100	1160	30100	1501				EUR	231.00	
21		201412	30100	1160	30100	1501				EUR	232.00	
22		201401	51100	1160	30100	9000				NOK	257.00	
23		201402	51100	1160	30100	9000				NOK	258.00	
24		201403	51100	1160	30100	9000				NOK	259.00	
25		201404	51100	1160	30100	9000				NOK	260.00	
26		201405	51100	1160	30100	9000				NOK	261.00	
27		201406	51100	1160	30100	9000				NOK	262.00	
28		201407	51100	1160	30100	9000				NOK	263.00	
29		201408	51100	1160	30100	9000				NOK	264.00	

7.2 Import BUS101 Budget line data from Excel to M3

Run this task if you want to import (add, update and delete) the maintained budget Line data from Excel to M3. We have done the following changes to the data from the export:

- In Column L, "Amount", we have changed the amount on row 10 and 11.
- We have added four new budget lines (Sep, Oct, Nov and Dec) in row 30, 31, 32 and 33.
- We have also marked three rows (19,20,21) Oct, Nov and Dec with an x for deletion in column B

Set x to delete	Period	Acc dimension 1	Acc dimension 2	Acc dimension 3	Acc dimension 4	Acc dimension 5	Acc dimension 6	Acc dimension 7	Currency	Amount
	201401	50100	1160	50100	1501				EUR	1000.00
	201402	50100	1160	50100	1501				EUR	2000.00
	201403	50100	1160	50100	1501				EUR	223.00
	201404	50100	1160	50100	1501				EUR	224.00
	201405	50100	1160	50100	1501				EUR	225.00
	201406	50100	1160	50100	1501				EUR	226.00
	201407	50100	1160	50100	1501				EUR	227.00
	201408	50100	1160	50100	1501				EUR	228.00
	201409	50100	1160	50100	1501				EUR	229.00
x	201410	50100	1160	50100	1501				EUR	230.00
x	201411	50100	1160	50100	1501				EUR	231.00
x	201412	50100	1160	50100	1501				EUR	232.00
	201401	51100	1160	50100	9000				NOK	257.00
	201402	51100	1160	50100	9000				NOK	258.00
	201403	51100	1160	50100	9000				NOK	259.00
	201404	51100	1160	50100	9000				NOK	260.00
	201405	51100	1160	50100	9000				NOK	261.00
	201406	51100	1160	50100	9000				NOK	262.00
	201407	51100	1160	50100	9000				NOK	263.00
	201408	51100	1160	50100	9000				NOK	264.00
	201409	51100	1160	50100	9000				NOK	265.00
	201410	51100	1160	50100	9000				NOK	266.00
	201411	51100	1160	50100	9000				NOK	267.00
	201412	51100	1160	50100	9000				NOK	268.00

Now it's time to import the data to M3.

- Make sure that your edited Excel file is saved and closed.
- Click the button "Add, Upd, Delete Budget Lines" and select the edited excel file you want to import.

Add, Upd, Delete Budget Lines

▼ Import Detail

Set x to delete Equal

When the import is done the Excel file will open.

Scroll all the way to the right in the spread sheet to look at the API responses.

As we see from the screen dump below:

- o Column N "Total" say that everything is OK.
- o Column P, "AddBudLnPer" failed with an error message on all rows except for the four new ones. This is not a problem since it is not possible to add budget lines that already exists in M3, so this is correct. The rows 30, 31, 32 and 33 in column P is OK since these are new budget lines that did not exist in M3 before.
- o The Column Q (UpdBudgetLines) is ok on all the existing lines but has no response for the new budget lines (30, 31, 32 and 33) since a rule in the configurator is set not to run this API if the AddBudgetLnPer transaction is OK.
- o In column Q we get three OK's for the three rows that were marked for deletion.

L	N	O	P	Q	R
RESPONSE					
BUS100MI		BUS100MI		BUS100MI	
Amount	TOTAL	AddBudgetHeader	AddBudgetLnPer	UpdBudgetLnPer	DelBudgetLines
1000.00	OK		NOK The record already exists	OK	
2000.00	OK		NOK The record already exists	OK	
223.00	OK		NOK The record already exists	OK	
224.00	OK		NOK The record already exists	OK	
225.00	OK		NOK The record already exists	OK	
226.00	OK		NOK The record already exists	OK	
227.00	OK		NOK The record already exists	OK	
228.00	OK		NOK The record already exists	OK	
229.00	OK		NOK The record already exists	OK	
230.00	OK		NOK The record already exists	OK	
231.00	OK		NOK The record already exists	OK	OK
232.00	OK		NOK The record already exists	OK	OK
257.00	OK		NOK The record already exists	OK	OK
258.00	OK		NOK The record already exists	OK	
259.00	OK		NOK The record already exists	OK	
260.00	OK		NOK The record already exists	OK	
261.00	OK		NOK The record already exists	OK	
262.00	OK		NOK The record already exists	OK	
263.00	OK		NOK The record already exists	OK	
264.00	OK		NOK The record already exists	OK	
265.00	OK		OK		
266.00	OK		OK		
267.00	OK		OK		
268.00	OK		OK		

If we check the data in M3 we see that our changes to the excel data have led to changes to the budget in M3.

BUS105 Budget. Display Periodic Budget Values

Panel Header

Budget number: 2
 Budget version: 2014 Budget 2014
 Currency: EUR
 Distr curve:
 Cur amt - budg: 4582.00

Account.Ac: 30100 st CtrCost: 1160 GrpProduc: 30100 isAnalysis: 1501

Details

Per	Text	For curr amount	Fr dt	To dt
1	January	1000.00	140101	140131
2	February	2000.00	140201	140228
3	March	223.00	140301	140331
4	April	224.00	140401	140430
5	May	225.00	140501	140531
6	June	226.00	140601	140630
7	July	227.00	140701	140731
8	August	228.00	140801	140831
9	September	229.00	140901	140930
10	October		141001	141031
11	November		141101	141130
12	December		141201	141231

Updated (arrow pointing to February row)

Deleted (circle around October-December rows)

BUS105 Budget. Display Periodic Budget Values

Panel Header

Budget number: 2
 Budget version: 2014 Budget 2014
 Currency: NOK
 Distr curve:
 Cur amt - budg: 3150.00

Account.Ac: 51100 st CtrCost: 1160 GrpProduc: 30100 isAnalysis: 9000

Details

Per	Text	For curr amount	Fr dt	To dt
1	January	257.00	140101	140131
2	February	258.00	140201	140228
3	March	259.00	140301	140331
4	April	260.00	140401	140430
5	May	261.00	140501	140531
6	June	262.00	140601	140630
7	July	263.00	140701	140731
8	August	264.00	140801	140831
9	September	265.00	140901	140930
10	October	266.00	141001	141031
11	November	267.00	141101	141130
12	December	268.00	141201	141231

New (circle around September-December rows)

7.3 Create New budget in M3 from scratch

Run this task if you want to create a new budget from scratch.

There are two ways to attack this:

- A. Start with an empty Excel template and enter BUS100 header data and BUS101 line data manually. Then import this into M3 by pressing the button "Create new Budget in M3 from scratch"
- B. Export an existing budget from M3 and change the BUS100 header data and BUS101 line data. Then import this into M3 by pressing the button "Create new Budget in M3 form scratch"

In this example, we will show alternative B. above and export an existing budget, make header/line changes to this and then import this into M3.

7.3.1 Export an existing budget (for example, the previous year's budget)

We have already shown this exercise in chapter 7.1 above, so below we will only show the result of the export.

The result of the export of a budget from 2014 is shown below.

vincer BUS100 - Budget Administration_Periodic											
1	Company		600	Division		AAA					
2	Budget No		2	Budget version		2014					
3	Description Budget 2014 - Period level										
4	Start period		201401	Exch rate type		1					
5	No. of periods		12	Round-off catg		0					
6	Upd bal file		1	Distr. Template							
7											
8											
9	Set x to delete	Period	Acc dimension 1	Acc dimension 2	Acc dimension 3	Acc dimension 4	Acc dimension 5	Acc dimension 6	Acc dimension 7	Currency	Amount
10		201401 30100	1160	30100	1501					EUR	1000.00
11		201402 30100	1160	30100	1501					EUR	2000.00
12		201403 30100	1160	30100	1501					EUR	223.00
13		201404 30100	1160	30100	1501					EUR	224.00
14		201405 30100	1160	30100	1501					EUR	225.00
15		201406 30100	1160	30100	1501					EUR	226.00
16		201407 30100	1160	30100	1501					EUR	227.00
17		201408 30100	1160	30100	1501					EUR	228.00
18		201409 30100	1160	30100	1501					EUR	229.00
19		201401 51100	1160	30100	9000					NOK	257.00
20		201402 51100	1160	30100	9000					NOK	258.00
21		201403 51100	1160	30100	9000					NOK	259.00
22		201404 51100	1160	30100	9000					NOK	260.00
23		201405 51100	1160	30100	9000					NOK	261.00
24		201406 51100	1160	30100	9000					NOK	262.00
25		201407 51100	1160	30100	9000					NOK	263.00
26		201408 51100	1160	30100	9000					NOK	264.00
27		201409 51100	1160	30100	9000					NOK	265.00
28		201410 51100	1160	30100	9000					NOK	266.00
29		201411 51100	1160	30100	9000					NOK	267.00
30		201412 51100	1160	30100	9000					NOK	268.00

The next step is to manually change the header/line data in the Excel sheet to turn it into this year's budget. See example below of which changes have been made:

- Header changes: Description, Start period and Budget version
- Line changes: Year/period in col C, added three new lines and Raised the Amount on all lines.

Set x to delete	Period	Acc dimension 1	Acc dimension 2	Acc dimension 3	Acc dimension 4	Acc dimension 5	Acc dimension 6	Acc dimension 7	Currency	Amount
	202201	30100	1160	30100	1501				EUR	1500.00
	202202	30100	1160	30100	1501				EUR	2500.00
	202203	30100	1160	30100	1501				EUR	400.00
	202204	30100	1160	30100	1501				EUR	400.00
	202205	30100	1160	30100	1501				EUR	400.00
	202206	30100	1160	30100	1501				EUR	400.00
	202207	30100	1160	30100	1501				EUR	400.00
	202208	30100	1160	30100	1501				EUR	400.00
	202209	30100	1160	30100	1501				EUR	400.00
	202210	30100	1160	30100	1501				EUR	400.00
	202211	30100	1160	30100	1501				EUR	400.00
	202212	30100	1160	30100	1501				EUR	400.00
	202201	51100	1160	30100	9000				NOK	400.00
	202202	51100	1160	30100	9000				NOK	400.00
	202203	51100	1160	30100	9000				NOK	400.00
	202204	51100	1160	30100	9000				NOK	400.00
	202205	51100	1160	30100	9000				NOK	400.00
	202206	51100	1160	30100	9000				NOK	400.00
	202207	51100	1160	30100	9000				NOK	400.00
	202208	51100	1160	30100	9000				NOK	400.00
	202209	51100	1160	30100	9000				NOK	400.00
	202210	51100	1160	30100	9000				NOK	400.00
	202211	51100	1160	30100	9000				NOK	400.00
	202212	51100	1160	30100	9000				NOK	400.00

7.3.2 Import new budget header and lines

Now it's time to import this new budget to M3.

- Make sure that your edited Excel file is saved and closed.
- Click the button "Create new Budget in M3 from scratch" and select the edited excel file you want to import.

Create new Budget in M3 from scratch

Create new Budget in M3 from scratch

When the delete is done, the Excel file will open.

Scroll all the way to the right in the spread sheet to look at the API responses.

As we see from the screen dump below:

- Column N "Total" say that everything is OK.
- Column O, "AddBudgetHeader" is OK (only one OK because the add API ran only once)
- Column P, "AddBudgetLines" is OK

L	N	O	P	Q	R
RESPONSE					
BUS100MI		BUS100MI		BUS100MI	
Amount	TOTAL	AddBudgetHeader	AddBudgetLnPer	UpdBudgetLnPer	DelBudgetLines
1500.00	OK	OK	OK		
2500.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		
400.00	OK		OK		

If we check the data in M3 we see that a new budget is created in BUS100.

Bno	Bvs	Description	Str pr	Per	Loc
<input type="text"/>	<input type="text" value="2022"/>				
001	2006	Budget 2006 - Curve Distribution	200606	12	0
001	2022	Budget 2022 - Curve Distribution	202201	12	0
002	2014	Budget 2014 - Period level	201401	12	0
002	2022	Budget 2022 - Period level	202201	12	0

The new budget has imported budget lines

Account.Ac	st CtrCost	GrpProduc	isAnalysis	Entity....	der.....	unting Rul	Curr	Crv
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	EUR	<input type="text"/>
30100	1160	30100	1501				EUR	
51100	1160	30100	9000				NOK	

And if we click "Related" and select "Budget/day" (ctrl+11) for account 30100, we see that we have all the lines added from the spread sheet and with the right prices and periods.

Menu Start
BUS105 Budget. Display Periodic Budget Values X

ACTIONS ▾ OPTIONS ▾ RELATED ▾ TOOLS ▾

Panel Header

Budget number:

Budget version: Budget 2022 - P

Currency:

Distr curve:

Cur amt - budg:

Account.Ac: st CtrCost: GrpProduc: isAnalysis: Entity...: der.....: unting Rul:

Details

Per	Text	For curr amount	Fr dt	To dt
1		1500.00	220101	220131
2		2500.00	220201	220228
3		400.00	220301	220331
4		400.00	220401	220430
5		400.00	220501	220531
6		400.00	220601	220630
7		400.00	220701	220731
8		400.00	220801	220831
9		400.00	220901	220930
10		400.00	221001	221031
11		400.00	221101	221130
12		400.00	221201	221231