## **Business Central Introduction**

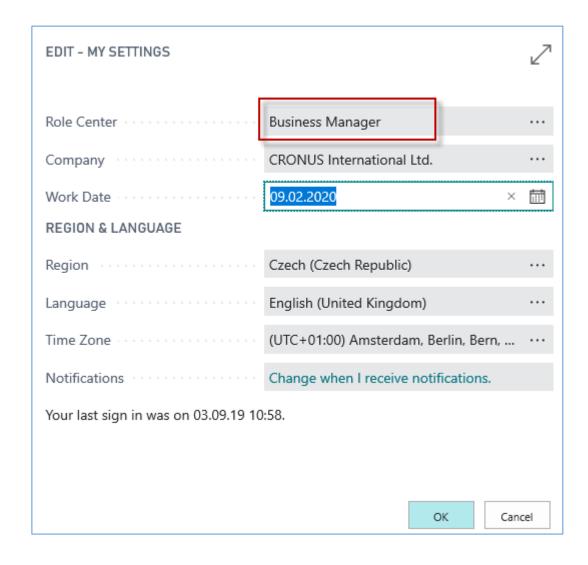
(ERP=Microsoft Dynamics 365 Business Central) **Budgets and Account Schedules basics** 

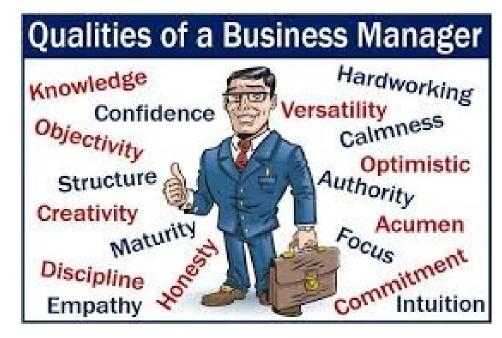
Ing.Jaromír Skorkovský,CSc. Masaryk University Brno Czech Republic

# Budget creation, G/L data creation and comparing budget data and G/L data

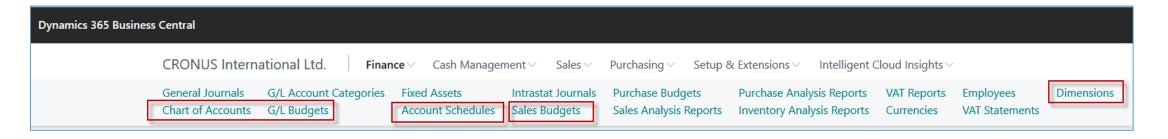
- Reasons
  - Creation of Budget
  - Creation of entries –actual data
  - Creation of Account schedule to compare actual and budget data

### Settings





# Used tools and new account creation in chart of accounts



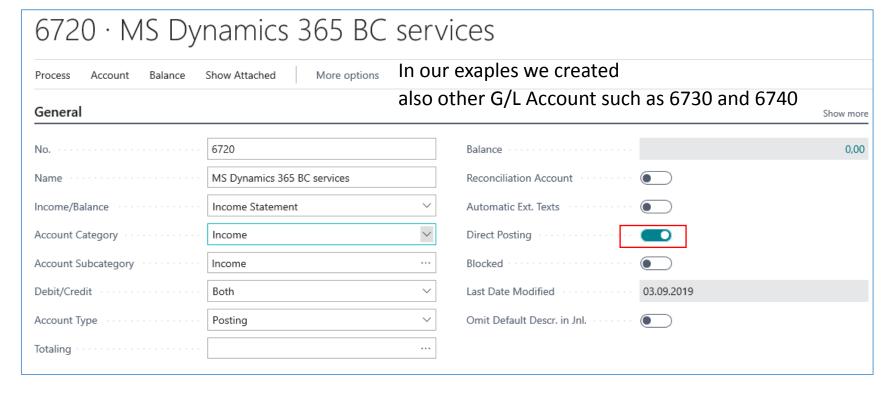
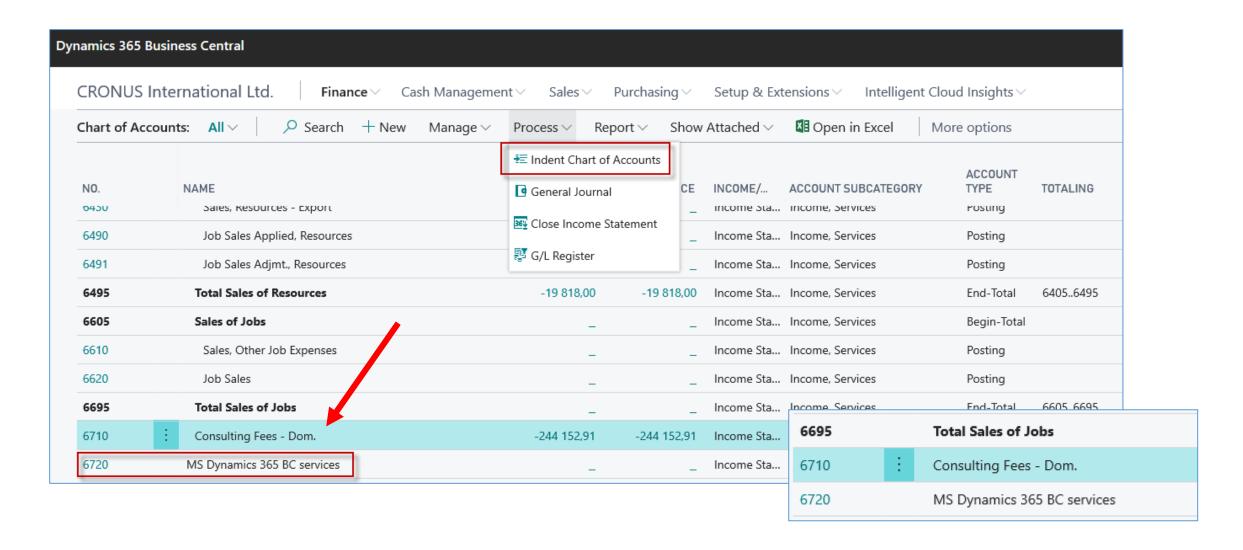


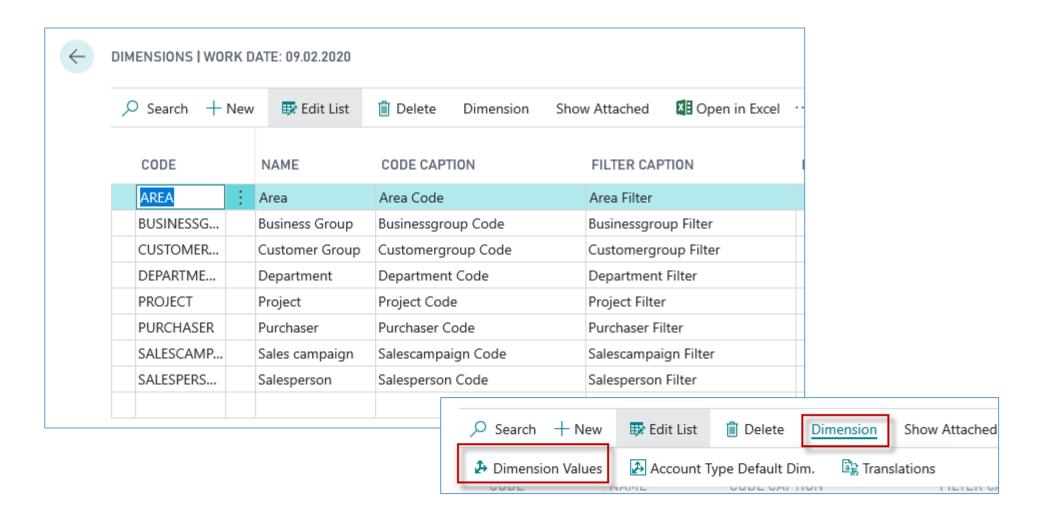
Chart of Account Account Schedules Sales Budgets Dimensions



#### Chart of accounts

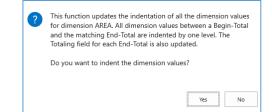


### Dimensions (cost centers, income centers)



## Dimension values (we created here three new areas (91-93)

CODE		NAME	DIMENSION VALUE TYPE	TOTALING	BL0
10		Europe	Begin-Total		
91		Johannesburg	Standard		
92		Durban	Standard		
93		Cape Town	Standard		
95		SA, Total	End-Total	9095	
20	1	Europe North	Begin-Total		
30		Europe North (EU)	Standard		
40		Europe North (Non EU)	Standard		
45		Europe North, Total	End-Total	2045	
50		Europe South	Standard		
55		Europe, Total	End-Total	1055	
60		America	Begin-Total		
70		America North	Standard		
80		America South	Standard		
85	:	America, Total	End-Total	6085	
90		South Africa	Begin-Total		



∮ Functions ∨

## After dimension value indent-1st example

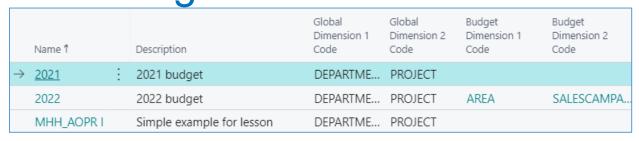
CODE	NAME	DIMENSION VALUE TYPE	TOTALING	BL
10	Europe	Begin-Total		
20	Europe North	Begin-Total		
30	Europe North (EU)	Standard		
40	Europe North (Non EU)	Standard		
45	Europe North, Total	End-Total	2045	
50	Europe South	Standard		
55	Europe, Total	End-Total	1055	
60	America	Begin-Total		
70	America North	Standard		
80	America South	Standard		
85	America, Total	End-Total	6085	
90	South Africa	Begin-Total		
91	Johannesburg	Standard		•••
92	Durban	Standard		9095
93	Cape Town	Standard		
95	SA, Total	End-Total	9095	

These dimensions will be used in our examples

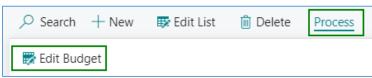
# After dimension value indent-2nd example

Code		Name	Dimension Value Type	Totaling
10		Europe	Begin-Total	
20		Europe North Begin-Total		
30		Europe North (EU) Standard		
40		Europe North (Non EU) Standard		
45		Europe North, Total	End-Total	2045
46		Europe South	Begin-Total	
50		Europe South	Standard	
55		Europe, Total	End-Total	4655
56		Europe South, Total	End-Total	1056
60		America	Begin-Total	
70		America North	Standard	
80		America South	Standard	
85		America, Total	End-Total	6085
90		South Africa	Begin-Total	
95		Joburg	Standard	
96	:	Durban	Standard	
97		SA,Total	End-Total	9097

G/L Budget data entry in this model we use account 6730 and budget 2022

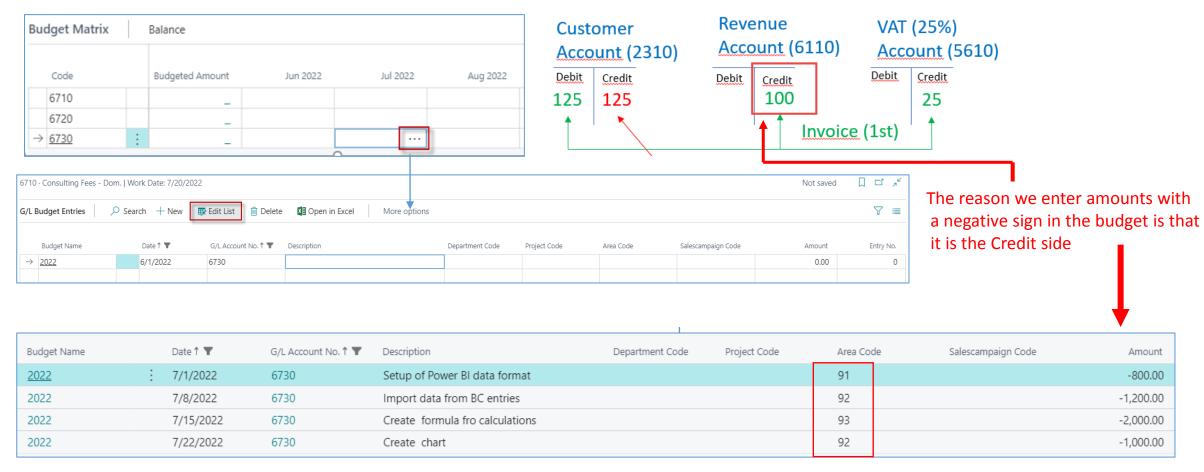






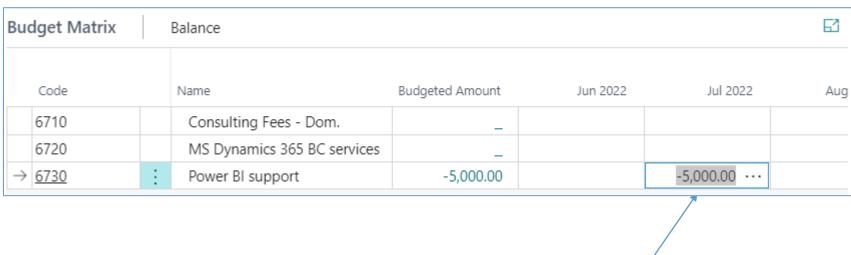
See G/L budget matrix next slide

#### G/L data entry — how to enter data into budget(use of 3 dots icon)



Area dimension values entered as a options manually

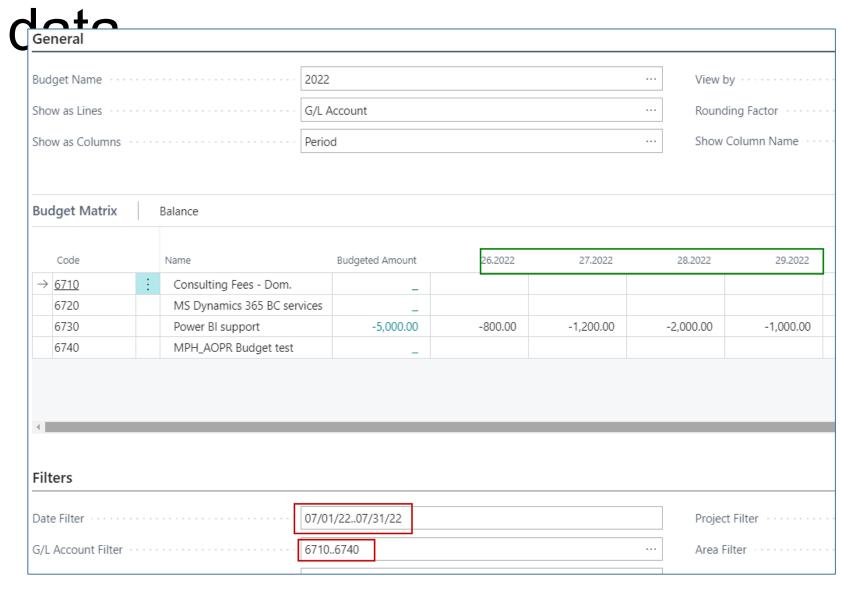
#### G/L Budget after data entry



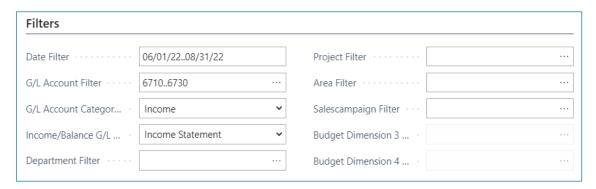
5000 = 800+1200+2000+1000

Note that the calculation is displayed in absolute value

## G/L budget matrix with already entered

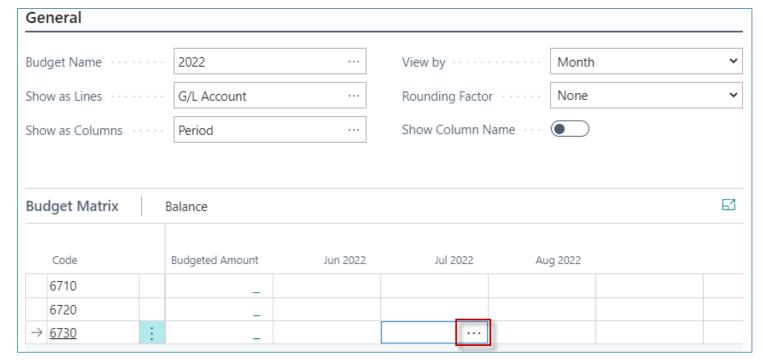


#### **Budget matrix**

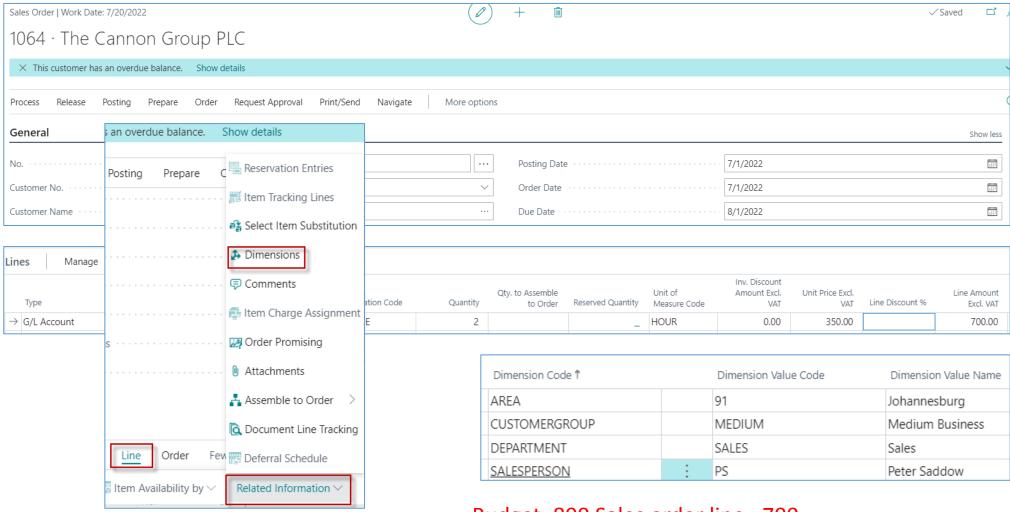


The account filter will depend on how many G/L accounts students in the chart of account creation.

Suggestion: every student has their Passwordxx+ and a new G/L account will be set to 66xx, and G/L account name will be UČO SW Support activity



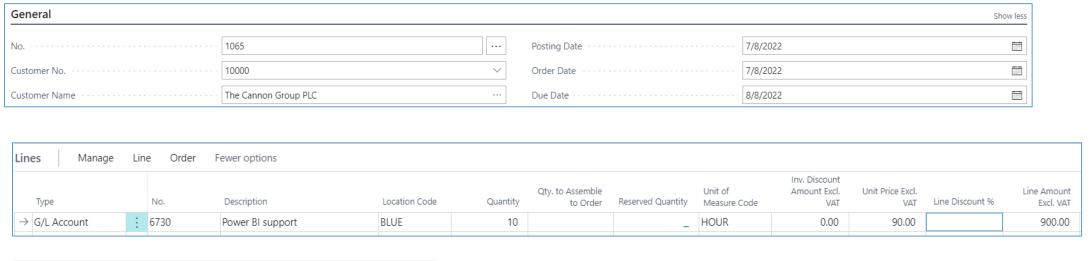
#### Actual data creation-Sales Invoice I (actual data creation)



F9

Budget=800 Sales order line =700

### Second part of the invoice II (actual data creation)

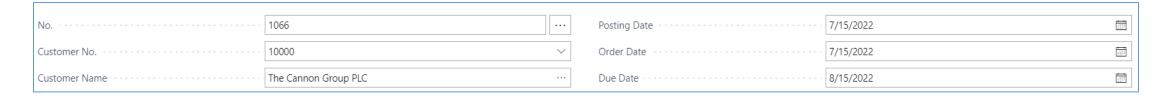


Dimension Code ↑		Dimension Value Code	Dimension Value Name
AREA		92	Durban
CUSTOMERGROUP		MEDIUM	Medium Business
DEPARTMENT		SALES	Sales
SALESPERSON	:	PS	Peter Saddow

Budget=1200 Sales order line =900

So we will use the same data entry creation by use of second sales invoice but the amounts will differ intentionally from the figure in budget.

#### Third Sales invoice III (actual data creation)



Lines   Manage Lin	e Order l	Fewer options									
Туре	No.	Description	Location Code	Quantity	Qty. to Assemble to Order	Reserved Quantity	Unit of Measure Code	Inv. Discount Amount Excl. VAT	Unit Price Excl. VAT	Line Discount %	Line Amount Excl. VAT
→ G/L Account	6730	Power BI support	BLUE	20		_		0.00	90.00		1,800.00

Dimension Code 1		Dimension Value Code	Dimension Value Name
AREA		93	Cape Town
CUSTOMERGROUP		MEDIUM	Medium Business
DEPARTMENT		SALES	Sales
SALESPERSON	:	PS	Peter Saddow

Budget=2000 Sales order line =1800

# Forth Sales invoice IV (actual data creation)

General			Show les	ss
Customer No.	10000 ~	Order Date · · · · · · · · · · · · · · · · · · ·	7/22/2022	]
Customer Name · · · · · · · · · · · · · · · · · · ·	The Cannon Group PLC	Due Date · · · · · · · · · · · · · · · · · · ·	7/22/2022	j
Sell-to		Requested Delivery Date · · · · · · · · · · · · · · · · · · ·	iii	j

Lines   Manage Li	ne Order	Fewer options									
Туре	No.	Description	Location Code	Quantity	Qty. to Assemble to Order	Reserved Quantity	Unit of Measure Code	Inv. Discount Amount Excl. VAT	Unit Price Excl. VAT	Line Discount %	Line Amount Excl. VAT
→ G/L Account	6730	Power BI support	BLUE	20		_		0.00	150.00		3,000.00

Dimension Code ↑		Dimension Value Code	Dimension Value Name
AREA		91	Johannesburg
CUSTOMERGROUP		MEDIUM	Medium Business
DEPARTMENT		SALES	Sales
SALESPERSON	:	PS	Peter Saddow

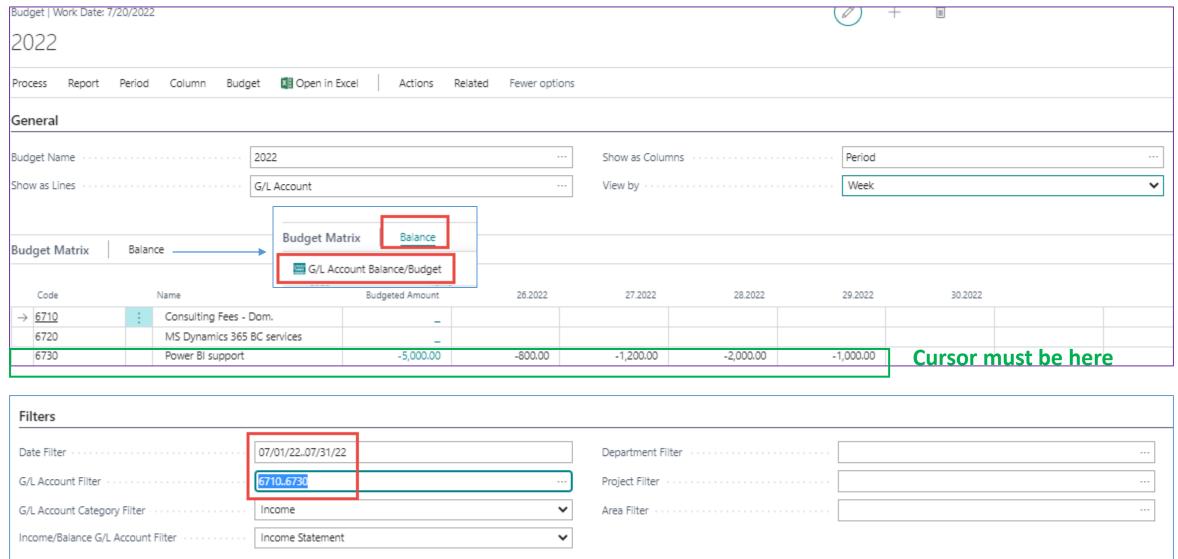
Budget=1000 Sales order line =3000

#### G/L Entries

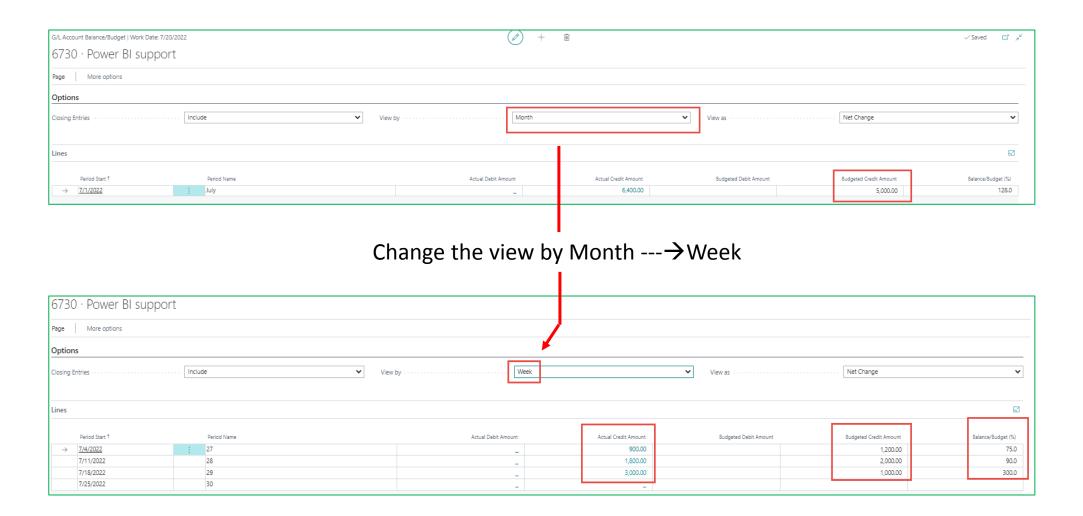
Posting Date ↓		Document Type	Document No.	G/L Account No.	Description	Gen. Posting Type	Gen. Bus. Posting Group	Gen. Prod. Posting Group	Amount	Bal. Account Type
7/20/2022	:	Invoice	103064	6730	Order 1060	Sale	DOMESTIC	RETAIL	-3,000.00	G/L Account
7/15/2022		Invoice	103063	6730	Order 1066	Sale	DOMESTIC	RETAIL	-1,800.00	G/L Account
7/8/2022		Invoice	103062	6730	Order 1065	Sale	DOMESTIC	RETAIL	-900.00	G/L Account
7/1/2022		Invoice	103061	6730	Order 1064	Sale	DOMESTIC	RETAIL	-700.00	G/L Account
7/20/2022		Invoice	103060	6110	Order 1063	Sale	DOMESTIC	RETAIL	-400.00	G/L Account

Here you see, that during actual data creation we had to change working dates

### How to get G/L Account Balace Budget by period



#### Simple Budget operations (not use of Account Schedule report)



# Use of area dimension – firsty go back and enter area dimension value to filter subform

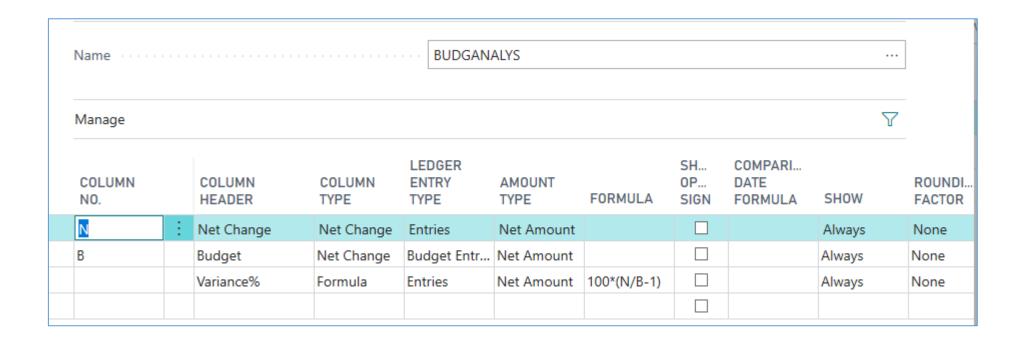
General				
Budget Name · · · ·		2022		
Show as Lines · · · ·		G/L Account		
Budget Matrix	Balan	ce		
Code		Name	Budgeted Amount	26.2022
Code 6710		Name Consulting Fees - Dom.	Budgeted Amount	26.2022
				26.2022

Filters			
Data Filhan	07/04/00 07/04/00		December of 5th and
Date Filter	07/01/2207/31/22		Department Filter
G/L Account Filter · · · · · · · · · · · · · · · · · · ·	67106730		Project Filter
G/L Account Category Filter	Income	~	Area Filter
Income/Balance G/L Account Filter · · · · · · · ·	Income Statement	~	

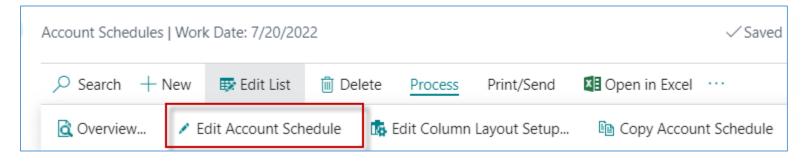
#### Account schedule list and new one creation

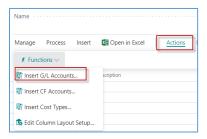
٥	Search + New	<b>₩</b> Edi	it List	Delete	Process	Print/Send	Open in Excel	7
	Name †		Descr	iption			Default Column Layout	Analysis View Name
	ANALYSIS	Capital Structure Campaign Analysis						
	CAMPAIGN					BUDGANALYS	CAMPAIGN	
	CA-PROF		Cost	st Acct. Summary Record DB per CC/CO				
	CASHFLOW	Calculation Of Cash Flow					CASHFLOW	
	CA-STAFF		Cost Acct. Personnel Costs  Cost Acct. Transfer  Standard Schedule  Calculation of Cash Flow Ratio  Data for Cash Cycle Chart  Data for Cash Flow Chart  Data for Income & Expense Chart					
	CA-TRANS							
	DEFAULT							
	DEGREE						DEGREE	
	I_CACYCLE						PERIODS	
	I_CASHFLOW						PERIODS PERIODS	
	I_INCEXP							
	I_MINTRIAL		Data for Reduced Trial Balance Info Part				PERIODS	
	M-BALANCE		Balance Sheet				M-BALANCE	
	M-CASHFLOW		Cash Flow Statement				M-NETCHANG	
	M-INCOME		Incon	ne Statement			M-NETCHANG	
	M-RETAIND		Retai	ned Earnings			M-NETCHANG	
$\rightarrow$	BC		Busin	ess central			BUDGANALYS ~	
	REVENUE		Rever	nues			BUDGANALYS	REVENUE
	VAT		VAT A	nalysis			DEFAULT	VAT

### Default column layout based on the rule of three

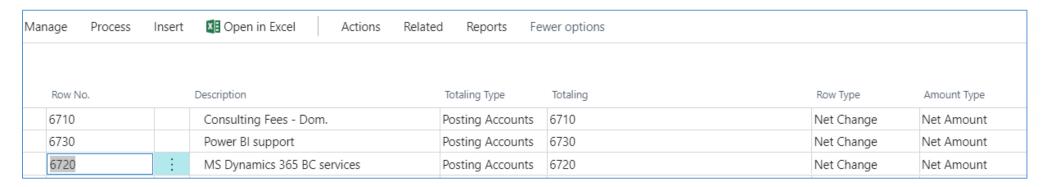


#### New account schdele





All chosen account in the new template were entered by use of icon Insert G/L account

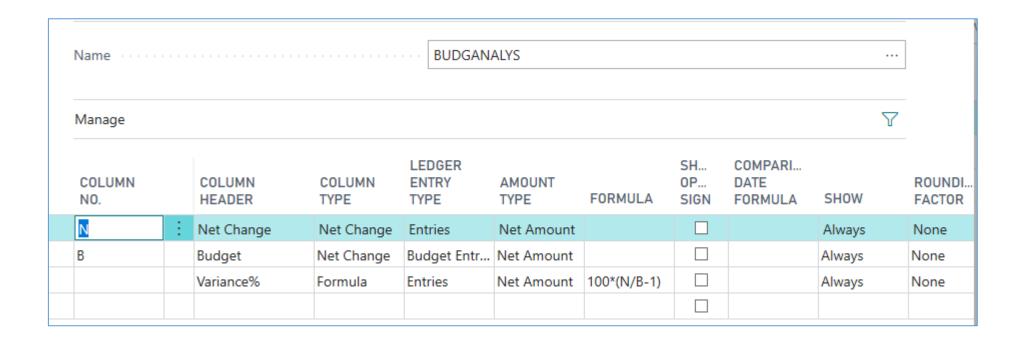


We must create a new Analysis View name (BC) and see the default column layout for budget

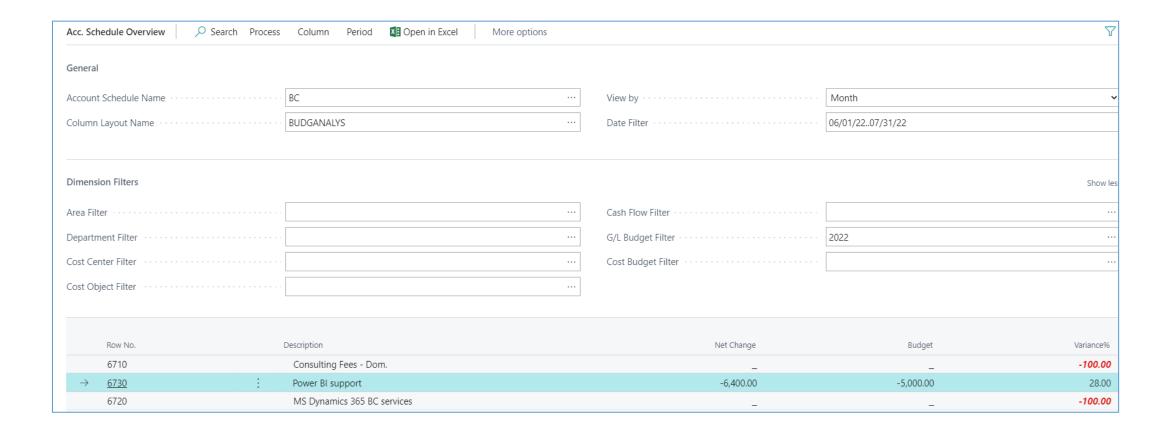
#### New account schedule view

By use of searching window you will get Analysis Views Reports and Analysis General BC · Business Central budget 10/15/2021 Last Date Updated Update Enable Update on Posting Disable Update on Posting More options Business Central budget Last Entry No. · · · · · · 3114 G/L Account Last Budget Entry No. 1033 Account Source General Account Filter 6710..6730 Update on Posting ..... Code Last Date Updated Include Budgets Date Compression 6/1/2022 Blocked · · · · · · · · · · · · Business Central budget Last Entry No. . . . . . . . . . Starting Date Last Budget Entry No. Account Source G/L Account Dimensions Update on Posting · · · · · Account Filter 6710..6730 Dimension 1 Code Dimension 3 Code Include Budgets Date Compression Day DEPARTMENT Dimension 2 Code Dimension 4 Code Blocked 6/1/2022 Starting Date To see also budget data Dimensions represented by budget entries Dimension 1 Code AREA Dimension 3 Code Dimension 2 Code DEPARTMENT Dimension 4 Code · · · · · After a set of parameters (Account number and so on), this view must be updated

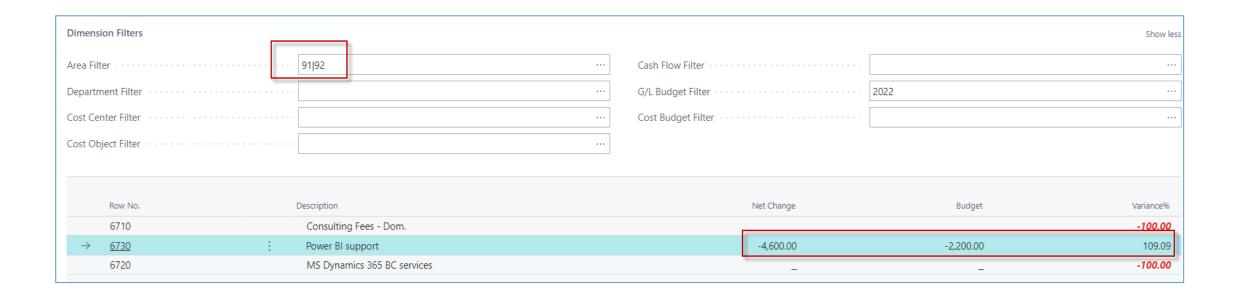
### Default column layout based on the rule of three



#### Account Schedule overview



#### Account Schedule overview- Johannesburg-Durban



Che End