

Business Central Introduction

(ERP=Microsoft Dynamics 365 Business Central)

Budgets and Account Schedules basics

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

- Reasons

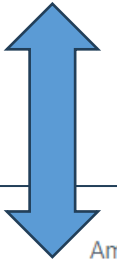
- Creation of Budget- budget data
- Creation of entries –actual data
- Creation of an Account schedule to compare actual and budget data

6710 Consulting fee

2023/02/28	Invoice	103224	6710	Order 1298	SALES	-1 800,00
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6710 Budget

Difference = $1800 - (800 + 300) = 700$



Budget Name ↑ ▼	Date ↑ ▼	G/L Account No. ↑ ▼	Description	Department Code	Project Code	Area Code	Salescampaign Code	Amount
2023	2023/02/01	6710		SALES				-800,00
2023	2023/02/01	6710		ADM				-300,00

Settings

Use Accountant role



My Settings - JSKORKOVSKY



- Role Accountant ...
- Company CRONUS International Ltd. ...
- Work Date 1/1/2024 ...
- Region English (United States) ...
- Language English (United States) ...
- Time Zone (UTC+01:00) Amsterdam, Berlin, Bern, Ro... ...
- Notifications Change when I receive notifications.
- Teaching Tips

Security

Your last sign in was on 11/21/23 12:22 PM.



Used tools and new account creation in chart of accounts

New name=Financial reports

Dynamics 365 Business Central

CRONUS International Ltd. | Finance ▾ Cash Management ▾ Sales ▾ Purchasing ▾ Setup & Extensions ▾ Intelligent Cloud Insights ▾

General Journals | G/L Account Categories | Fixed Assets | Intrastat Journals | Purchase Budgets | Purchase Analysis Reports | VAT Reports | Employees | Dimensions

Chart of Accounts | G/L Budgets | Account Schedules | Sales Budgets | Sales Analysis Reports | Inventory Analysis Reports | Currencies | VAT Statements

6720 · MS Dynamics 365 BC services

Process Account Balance Show Attached More options

In our examples we created also other G/L Account such as 6730 and 6740

General Show more

No.	6720	Balance	0,00
Name	MS Dynamics 365 BC services	Reconciliation Account	<input type="checkbox"/>
Income/Balance	Income Statement ▾	Automatic Ext. Texts	<input type="checkbox"/>
Account Category	Income ▾	Direct Posting	<input checked="" type="checkbox"/>
Account Subcategory	Income ...	Blocked	<input type="checkbox"/>
Debit/Credit	Both ▾	Last Date Modified	03.09.2019
Account Type	Posting ▾	Omit Default Descr. in Jnl.	<input type="checkbox"/>
Totaling		

Chart of Account
Account Schedules
Sales Budgets
Dimensions

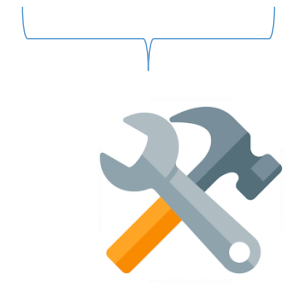


Chart of accounts

Dynamics 365 Business Central

CRONUS International Ltd. | Finance | Cash Management | Sales | Purchasing | Setup & Extensions | Intelligent Cloud Insights

Chart of Accounts: All | Search | + New | Manage | Process | Report | Show Attached | Open in Excel | More options

Process dropdown menu:

- Indent Chart of Accounts
- General Journal
- Close Income Statement
- G/L Register

NO.	NAME	CE	INCOME/...	ACCOUNT SUBCATEGORY	ACCOUNT TYPE	TOTALING		
0450	Sales, Resources - Export	-	Income Sta...	Income, Services	Posting			
6490	Job Sales Applied, Resources	-	Income Sta...	Income, Services	Posting			
6491	Job Sales Adjmt., Resources	-	Income Sta...	Income, Services	Posting			
6495	Total Sales of Resources		-19 818,00	-19 818,00	Income Sta...	Income, Services	End-Total	6405..6495
6605	Sales of Jobs		-	-	Income Sta...	Income, Services	Begin-Total	
6610	Sales, Other Job Expenses	-	Income Sta...	Income, Services	Posting			
6620	Job Sales	-	Income Sta...	Income, Services	Posting			
6695	Total Sales of Jobs		-	-	Income Sta...	Income, Services	End-Total	6605..6695
6710	Consulting Fees - Dom.	-	Income Sta...					
6720	MS Dynamics 365 BC services	-	Income Sta...					

Summary view:

6695	Total Sales of Jobs
6710	Consulting Fees - Dom.
6720	MS Dynamics 365 BC services

Dimensions (cost centers, income centers)

← DIMENSIONS | WORK DATE: 09.02.2020

Search + New Edit List Delete Dimension Show Attached Open in Excel

CODE	NAME	CODE CAPTION	FILTER CAPTION
AREA	Area	Area Code	Area Filter
BUSINESSG...	Business Group	Businessgroup Code	Businessgroup Filter
CUSTOMER...	Customer Group	Customergroup Code	Customergroup Filter
DEPARTME...	Department	Department Code	Department Filter
PROJECT	Project	Project Code	Project Filter
PURCHASER	Purchaser	Purchaser Code	Purchaser Filter
SALESCAMP...	Sales campaign	Salescampaign Code	Salescampaign Filter
SALESPERS...	Salesperson	Salesperson Code	Salesperson Filter

Search + New Edit List Delete **Dimension** Show Attached

Dimension Values Account Type Default Dim. Translations

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

CODE	NAME	DIMENSION VALUE TYPE	TOTALING	BLO...
10	Europe	Begin-Total		<input type="checkbox"/>
91	Johannesburg	Standard		<input type="checkbox"/>
92	Durban	Standard		<input type="checkbox"/>
93	Cape Town	Standard		<input type="checkbox"/>
95	SA, Total	End-Total	90..95	<input type="checkbox"/>
20	⋮ Europe North	Begin-Total	...	<input type="checkbox"/>
30	Europe North (EU)	Standard		<input type="checkbox"/>
40	Europe North (Non EU)	Standard		<input type="checkbox"/>
45	Europe North, Total	End-Total	20..45	<input type="checkbox"/>
50	Europe South	Standard		<input type="checkbox"/>
55	Europe, Total	End-Total	10..55	<input type="checkbox"/>
60	America	Begin-Total		<input type="checkbox"/>
70	America North	Standard		<input type="checkbox"/>
80	America South	Standard		<input type="checkbox"/>
85	⋮ America, Total	End-Total	60..85	<input type="checkbox"/>
90	South Africa	Begin-Total		<input type="checkbox"/>
				<input type="checkbox"/>

⚡ Functions ▾

☰ Indent Dimension Values

ⓘ This function updates the indentation of all the dimension values for dimension AREA. All dimension values between a Begin-Total and the matching End-Total are indented by one level. The Totaling field for each End-Total is also updated.

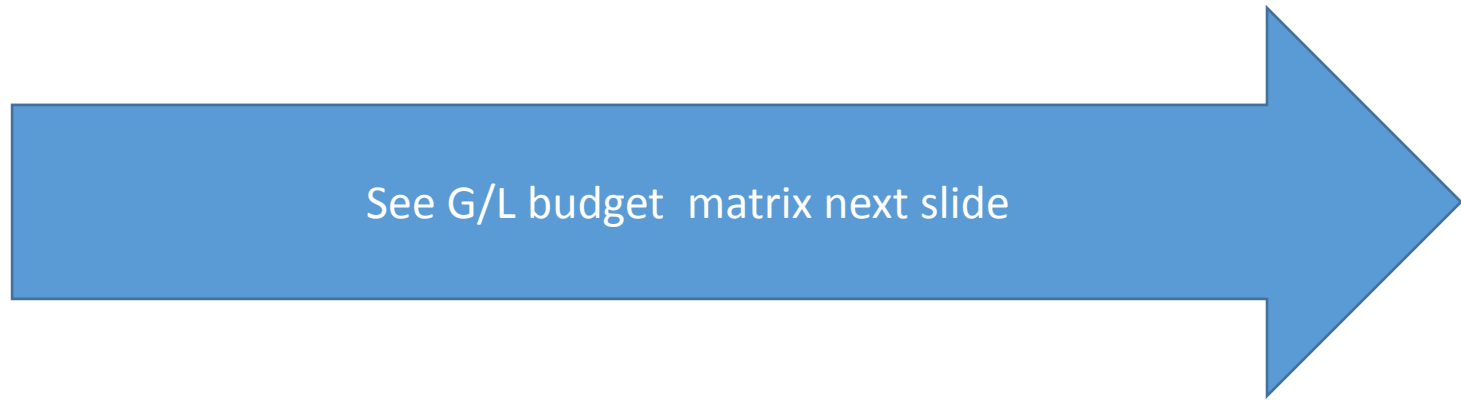
Do you want to indent the dimension values?

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

Name ↑	Description	Global Dimension 1 Code	Global Dimension 2 Code	Budget Dimension 1 Code	Budget Dimension 2 Code
→ 2021	2021 budget	DEPARTME...	PROJECT		
2022	2022 budget	DEPARTME...	PROJECT	AREA	SALESCAMPA...
MHH_AOPR I	Simple example for lesson	DEPARTME...	PROJECT		

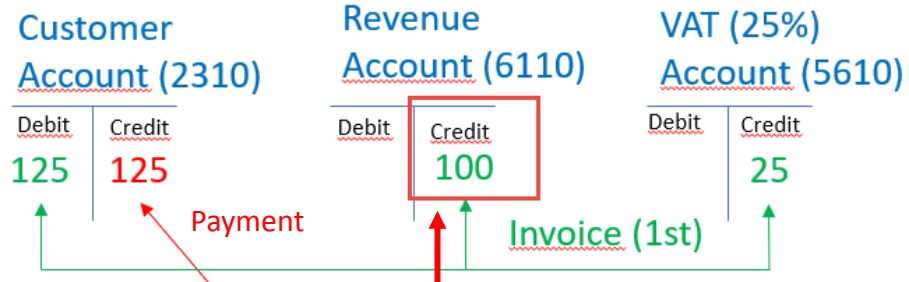
Company	CRONUS International Ltd.	...
Work Date	7/20/2022	

Search	New	Edit List	Delete	Process
Edit Budget				



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

Budget Matrix		Balance		
Code	Budgeted Amount	Jun 2022	Jul 2022	Aug 2022
6710	-			
6720	-			
→ 6730	-			



6710 · Consulting Fees - Dom. | Work Date: 7/20/2022

G/L Budget Entries | Search | + New | **Edit List** | Delete | Open in Excel | More options

Budget Name	Date ↑ ▼	G/L Account No. ↑ ▼	Description	Department Code	Project Code	Area Code	Salescampaign Code	Amount	Entry No.
→ 2022	6/1/2022	6730						0.00	0

The reason we enter amounts with a negative sign in the budget is that it is the Credit side

Budget Name	Date ↑ ▼	G/L Account No. ↑ ▼	Description	Department Code	Project Code	Area Code	Salescampaign Code	Amount
2022	7/1/2022	6730	Setup of Power BI data format			91		-800.00
2022	7/8/2022	6730	Import data from BC entries			92		-1,200.00
2022	7/15/2022	6730	Create formula fro calculations			93		-2,000.00
2022	7/22/2022	6730	Create chart			92		-1,000.00

Area dimension values entered as a options manully (we will use area codes 30 and 40 instead)

G/L Budget after data entry

Budget Matrix		Balance				
Code	Name	Budgeted Amount	Jun 2022	Jul 2022	Aug	
6710	Consulting Fees - Dom.	-				
6720	MS Dynamics 365 BC services	-				
→ 6730	Power BI support	-5,000.00		-5,000.00 ...		

$5000 = 800 + 1200 + 2000 + 1000$

Note that the calculation is displayed in absolute value

G/L budget matrix with already entered data

General

Budget Name 2022 View by
Show as Lines G/L Account Rounding Factor
Show as Columns Period Show Column Name

Budget Matrix | Balance

Code	Name	Budgeted Amount	26.2022	27.2022	28.2022	29.2022
→ 6710	⋮ Consulting Fees - Dom.	-				
6720	MS Dynamics 365 BC services	-				
6730	Power BI support	-5,000.00	-800.00	-1,200.00	-2,000.00	-1,000.00
6740	MPH_AOPR Budget test	-				

Filters

Date Filter 07/01/22..07/31/22 Project Filter
G/L Account Filter 6710..6740 Area Filter


G/L Budget matrix

Filters

Date Filter	06/01/22..08/31/22	Project Filter	
G/L Account Filter	6710..6730	Area Filter	
G/L Account Categor...	Income	Salescampaign Filter	
Income/Balance G/L ...	Income Statement	Budget Dimension 3 ...	
Department Filter		Budget Dimension 4 ...	

General

Budget Name	2022	View by	Month
Show as Lines	G/L Account	Rounding Factor	None
Show as Columns	Period	Show Column Name	<input checked="" type="checkbox"/>

Budget Matrix | Balance 

Code	Budgeted Amount	Jun 2022	Jul 2022	Aug 2022
6710	-			
6720	-			
→ 6730	-			

The cell containing the ellipsis (...) in the Jul 2022 column for code 6730 is highlighted with a red box.

Actaul data creation



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

Sales Order | Work Date: 7/20/2022

1064 · The Cannon Group PLC

✕ This customer has an overdue balance. Show details

Process Release Posting Prepare Order Request Approval Print/Send Navigate More options

General | an overdue balance. Show details

No. ... Posting Prepare C

Customer No. ...

Customer Name ...

Posting Date 7/1/2022

Order Date 7/1/2022

Due Date 8/1/2022

Reservation Entries

Item Tracking Lines

Select Item Substitution

Dimensions

Comments

Item Charge Assignment

Order Promising

Attachments

Assemble to Order >

Document Line Tracking

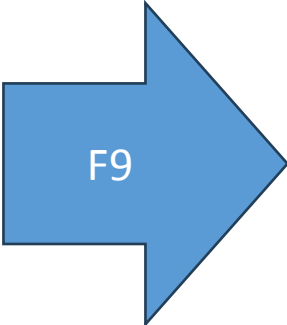
Deferral Schedule

Item Availability by

Related Information

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

Item 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
E	2		-	HOUR	0.00	350.00		700.00



Budget=800 Sales order line =700

Second part of the invoice II (actual data creation)

General				Show less
No.	1065	...	Posting Date	7/8/2022
Customer No.	10000	▼	Order Date	7/8/2022
Customer Name	The Cannon Group PLC	...	Due Date	8/8/2022

Lines												Manage	Line	Order	Fewer options
Type	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	10		-	HOUR	0.00	90.00		900.00				

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

Budget=1200 Sales order line =900

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)

No.	1066	...	Posting Date	7/15/2022	
Customer No.	10000	▼	Order Date	7/15/2022	
Customer Name	The Cannon Group PLC	...	Due Date	8/15/2022	

Lines Manage Line Order Fewer options												
Type	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 ↑	Dimension Value Code	Dimension Value Name
AREA	93	Cape Town
CUSTOMERGROUP	MEDIUM	Medium Business
DEPARTMENT	SALES	Sales
SALESPERSON	⋮ PS	Peter Sadow

Budget=2000 Sales order line =1800

Forth Sales invoice IV (actual data creation)

General		Show less
Customer No.	10000	Order Date 7/22/2022
Customer Name	The Cannon Group PLC	Due Date 7/22/2022
Sell-to		Requested Delivery Date

Lines												
Manage Line Order Fewer options												
Type	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 Sadow

Budget=1000 Sales order line =3000

Created G/L Entries – actual data

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

Budget | Work Date: 7/20/2022

2022

Process Report Period Column Budget Open in Excel | Actions Related Fewer options

General

Budget Name 2022 Show as Columns Period
Show as Lines G/L Account View by Week

Budget Matrix | Balance → Budget Matrix Balance
G/L Account Balance/Budget

Code	Name	Budgeted Amount	26.2022	27.2022	28.2022	29.2022	30.2022
→ 6710	Consulting Fees - Dom.	-					
6720	MS Dynamics 365 BC services	-					
6730	Power BI support	-5,000.00	-800.00	-1,200.00	-2,000.00	-1,000.00	

Cursor must be here

Filters

Date Filter 07/01/22..07/31/22 Department Filter
G/L Account Filter 6710..6730 Project Filter
G/L Account Category Filter Income Area Filter
Income/Balance G/L Account Filter Income Statement

Simple Budget operations (not use of Financial Report for budget analysis)

G/L Account Balance/Budget | Work Date: 7/20/2022

6730 · Power BI support

Page | More options

Options

Closing Entries Include View by Month View as Net Change

Lines

Period Start 1	Period Name	Actual Debit Amount	Actual Credit Amount	Budgeted Debit Amount	Budgeted Credit Amount	Balance/Budget (%)
→ 7/1/2022	July	-	6,400.00		5,000.00	128.0

Change the view by Month ---→Week

6730 · Power BI support

Page | More options

Options

Closing Entries Include View by Week View as Net Change

Lines

Period Start 1	Period Name	Actual Debit Amount	Actual Credit Amount	Budgeted Debit Amount	Budgeted Credit Amount	Balance/Budget (%)
→ 7/4/2022	27	-	900.00		1,200.00	75.0
7/11/2022	28	-	1,800.00		2,000.00	90.0
7/18/2022	29	-	3,000.00		1,000.00	300.0
7/25/2022	30	-	-			

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

General

Budget Name 2022 ...

Show as Lines G/L Account ...

Budget Matrix | Balance

Code	Name	Budgeted Amount	26.2022
6710	Consulting Fees - Dom.	-	
6720	MS Dynamics 365 BC services	-	
→ 6730	Power BI support	-800.00	-800.00

Use Area code =30 (not 91)

Filters

Date Filter 07/01/22..07/31/22

G/L Account Filter 6710..6730 ...

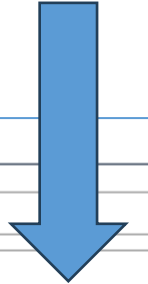
G/L Account Category Filter Income ▼

Income/Balance G/L Account Filter Income Statement ▼

Department Filter

Project Filter

Area Filter 91



List of financial reports already created


Account Schedules | Work Date: 7/20/2022 ✓ Saved

Search + New Edit List Delete Process Print/Send Open in Excel

Name ↑	Description	Default Column Layout	Analysis View Name
ANALYSIS	Capital Structure		
CAMPAIGN	Campaign Analysis	BUDGANALYS	CAMPAIGN
CA-PROF	Cost Acct. Summary Record DB per CC/CO		
CASHFLOW	Calculation Of Cash Flow	CASHFLOW	
CA-STAFF	Cost Acct. Personnel Costs		
CA-TRANS	Cost Acct. Transfer		
DEFAULT	Standard Schedule		
DEGREE	Calculation of Cash Flow Ratio	DEGREE	
I_CACYCLE	Data for Cash Cycle Chart	PERIODS	
I_CASHFLOW	Data for Cash Flow Chart	PERIODS	
I_INCEXP	Data for Income & Expense Chart	PERIODS	
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	Income Statement	M-NETCHANG	
M-RETAIND	Retained Earnings	M-NETCHANG	
→ BC	Business central	BUDGANALYS	
REVENUE	Revenues	BUDGANALYS	REVENUE
VAT	VAT Analysis	DEFAULT	VAT

Default column layout based on the rule of three (trinomial)

Name BUDGANALYS ...

Manage 

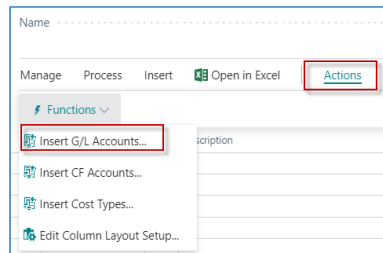
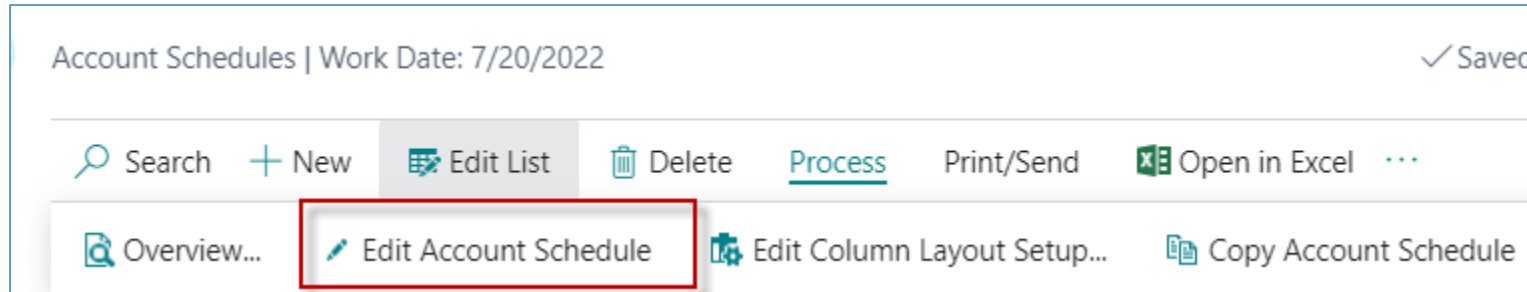
COLUMN NO.	COLUMN HEADER	COLUMN TYPE	LEDGER ENTRY TYPE	AMOUNT TYPE	FORMULA	SH... OP... SIGN	COMPARI... DATE FORMULA	SHOW	ROUNDI... FACTOR
N	Net Change	Net Change	Entries	Net Amount		<input type="checkbox"/>		Always	None
B	Budget	Net Change	Budget Entr...	Net Amount		<input type="checkbox"/>		Always	None
	Variance%	Formula	Entries	Net Amount	$100*(N/B-1)$	<input type="checkbox"/>		Always	None
						<input type="checkbox"/>			



Trinomial

To create a Financial Report analysing the budget
we have created,
use the BC - 11 Budget Supplement file

New Financial report -> USE BC-11 Budget Supplement to go further (not following slides)



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

Row No.	Description	Totaling Type	Totaling	Row Type	Amount Type
6710	Consulting Fees - Dom.	Posting Accounts	6710	Net Change	Net Amount
6730	Power BI support	Posting Accounts	6730	Net Change	Net Amount
6720	MS Dynamics 365 BC services	Posting Accounts	6720	Net Change	Net Amount

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

New financial report view

By use of searching window you will get

Analysis Views Reports and Analysis



BC · Business Central budget

General

Code	BC	Last Date Updated	
Name	Business Central budget	Last Entry No.	0
Account Source	G/L Account	Last Budget Entry No.	0
Account Filter	6710..6730	Update on Posting	<input type="checkbox"/>
Date Compression	Day	Include Budgets	<input checked="" type="checkbox"/>
Starting Date	6/1/2022	Blocked	<input type="checkbox"/>

Dimensions

Dimension 1 Code	AREA	Dimension 3 Code	
Dimension 2 Code	DEPARTMENT	Dimension 4 Code	

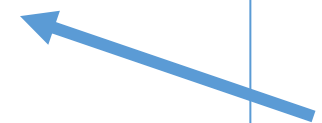


General

Code	BC	Last Date Updated	10/15/2021
Name	Business Central budget	Last Entry No.	3114
Account Source	G/L Account	Last Budget Entry No.	1033
Account Filter	6710..6730	Update on Posting	<input type="checkbox"/>
Date Compression	Day	Include Budgets	<input checked="" type="checkbox"/>
Starting Date	6/1/2022	Blocked	<input type="checkbox"/>

Dimensions

Dimension 1 Code	AREA	Dimension 3 Code	
Dimension 2 Code	DEPARTMENT	Dimension 4 Code	




To see also budget data represented by budget entries

After a set of parameters (Account numbers , dimensions and so on), this view must be always updated !!!

Default column layout based on the rule of three

Name BUDGANALYS ...

Manage 

COLUMN NO.	COLUMN HEADER	COLUMN TYPE	LEDGER ENTRY TYPE	AMOUNT TYPE	FORMULA	SH... OP... SIGN	COMPARI... DATE FORMULA	SHOW	ROUNDI... FACTOR
N	Net Change	Net Change	Entries	Net Amount		<input type="checkbox"/>		Always	None
B	Budget	Net Change	Budget Entr...	Net Amount		<input type="checkbox"/>		Always	None
	Variance%	Formula	Entries	Net Amount	100*(N/B-1)	<input type="checkbox"/>		Always	None
						<input type="checkbox"/>			

Already presented on slide number 24

Financial report overview

Acc. Schedule Overview | Search Process Column Period Open in Excel | More options

General

Account Schedule Name BC View by Month

Column Layout Name BUDGANALYS Date Filter 06/01/22..07/31/22

Dimension Filters Show less

Area Filter Cash Flow Filter

Department Filter G/L Budget Filter 2022

Cost Center Filter Cost Budget Filter

Cost Object Filter

Row No.	Description	Net Change	Budget	Variance%
6710	Consulting Fees - Dom.	-	-	-100.00
→ 6730	Power BI support	-6,400.00	-5,000.00	28.00
6720	MS Dynamics 365 BC services	-	-	-100.00

The End