

CBS - Non ERP

- 1 [Access Management](#)
 - 1.1 [Overview](#)
 - 1.2 [General presentation](#)
 - 1.2.1 [Objective of the application](#)
 - 1.2.2 [Usage information](#)
 - 1.2.3 [History](#)
 - 1.3 [Technical Rules on Workbench](#)
 - 1.4 [Reporting](#)
 - 1.4.1 [Queries End User Documentation](#)
 - 1.4.2 [Main queries](#)
 - 1.4.3 [Main functionalities](#)
 - 1.5 [Dependencies with other applications](#)
- 2 [Data Loading](#)
 - 2.1 [Info Providers and objects loaded](#)
 - 2.2 [Loading frequency](#)
 - 2.3 [Average performance](#)
 - 2.4 [Record Keeping](#)
- 3 [Data Quality Control](#)
- 4 [Operational Documentation](#)
 - 4.1 [Procedures](#)
 - 4.2 [Scheduling](#)
 - 4.3 [Monitoring](#)
 - 4.4 [Error Handling](#)
 - 4.5 [Known Bugs](#)
 - 4.6 [Roadmap](#)

Access Management

Roles & Access

Role Code	Role Description	Explanation
ZR_RCS_CA_M433	Upload Data - Non-ERP ZCYTEC_FILE	Role to allow uploading file
ZR_NERPCYT_CA_P12	Analysis SYSTEMS - NERPCYT - Non ERP - CYTEC	Role to allow running process chain
ZCYTECCAP12	Area Source System - Non ERP - CYTEC	End user role
ZR_RCS_FULL_DISPLAY	Full display	Full display user
ZR_RCS_CA_M23	CBS - Functions costs	Role Menu
ZBI_RCS_CO_A11	CBS Function Costs Reporting Analysis - End User role	Application role

And check also on the DSO DPAUTH01, this DSO is updated on WBP and WBQ every day with process chain PC_AUTHORIZ_001 at 00:30am.

If one roles is not assign to the people, the message no authorizations will appear in the bottom right of the screen.

Authorization Objects

List of authorization objects mandatory for the application.

Authorization object	Explanation
Company (C_COMPCODE)	ZR_*_CA_P01
Authorization Scope (C_AUTHMA)	ZR_*_CA_P00

Link to the BW Catalog of role

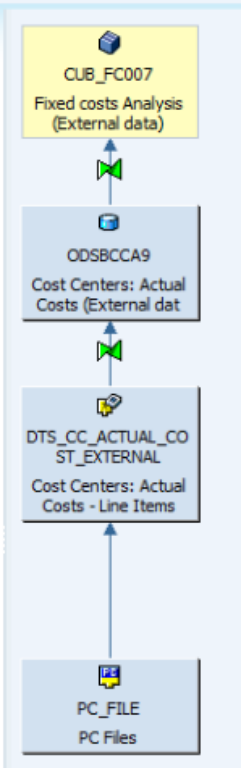
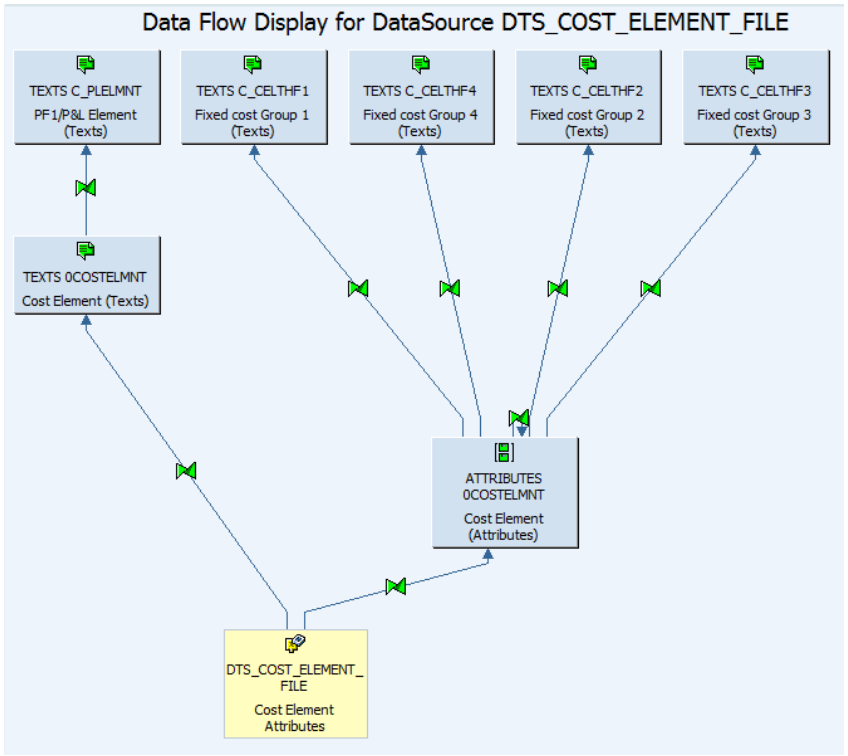
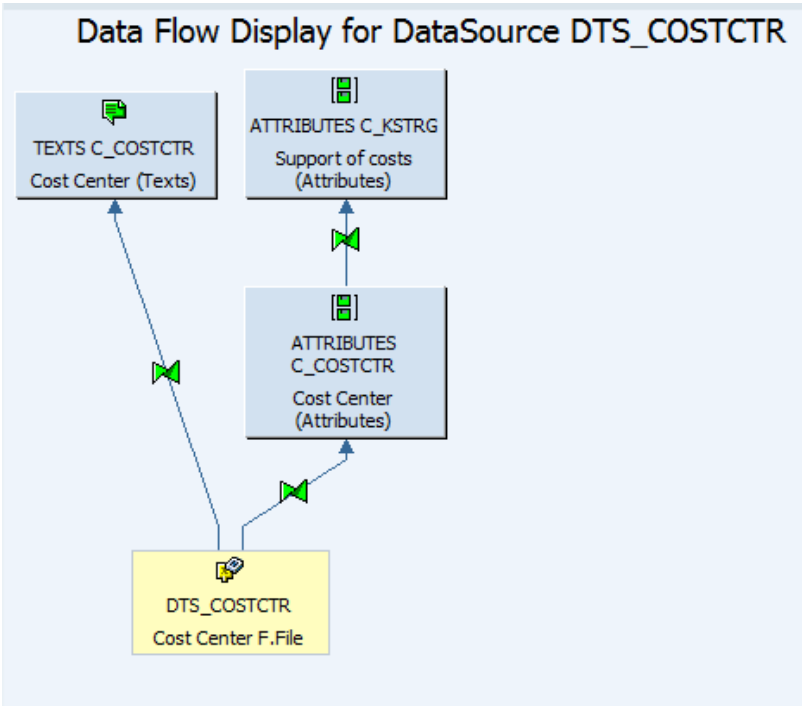
[BW Authorization](#)

DataFlow

Overview

[CBS Cytec presentation](#)

Main flows



Cube CUB_FC007 - Fixed costs Analysis (External data)

InfoCube	Techn. name / val...	F...	O.	App...	Dat...	L	Key ...
▼ Fixed costs Analysis (External data)	CUB_FC007						
▶ Object Information							
▶ Settings							
▼ Dimensions							
▶ Data Package	CUB_FC007P						
▼ Time	CUB_FC007T						
• Fiscal year / period	0FISCPER				NUMC	07	
• Posting period	0FISCPER3				NUMC	03	
• Fiscal year variant	0FISCVARNT				CHAR	02	
• Fiscal year	0FISCYEAR				NUMC	04	
• Calendar Year/Quarter	0CALQUARTER				NUMC	05	
▶ Unit	CUB_FC007U						
▶ Order	CUB_FC0071						
▶ Third Party	CUB_FC0072						
▼ Cost Element	CUB_FC0073						
• Cost Element	0COSTELMNT				CHAR	10	
• Report Row (Cost Element)	0CO_REPLINE				CHAR	15	
• Sender/Receiver Indicator	0DB_CR_IND				CHAR	01	
▶ Profit Center / Company / Geography	CUB_FC0074						
▶ Partner	CUB_FC0075						
▶ Value type / Version / Currency type	CUB_FC0076						
▼ Cost Center	CUB_FC0077						
• Person Responsible	C_CCRESP2				CHAR	20	
• Cost Center	C_COSTCTR				CHAR	10	
• Responsible Cost Center	C_RESP_CC				CHAR	10	
▶ Material Plant	CUB_FC0078						
▶ Project	CUB_FC0079						
▶ Miscellaneous	CUB_FC007A						
▶ Navigation Attributes							
▼ Key Figures							
• Amount	0AMOUNT				CURR	09	Amount

DSO ODSBCCA9 - Cost Centers: Actual Costs (External data)

DataStore Object	Techn. name / val...	F...	O.	App...	Dat...	L	Key ..
▼ Cost Centers: Actual Costs (External data)	ODSBCCA9						
▶ Object Information							
▶ Settings							
▼ Key fields							
• Source System	0LOGSYS				CHAR	10	
• Controlling area	0CO_AREA				CHAR	04	
• Cost Center	C_COSTCTR				CHAR	10	
• Cost Element	0COSTELMNT				CHAR	10	
• Currency Type	0CURTYPE				CHAR	02	
• Fiscal year / period	0FISCPER				NUMC	07	
• Fiscal year variant	0FISCVARNT				CHAR	02	
• CO Document Number	0CO_DOC_NO				CHAR	10	
• Line Item of CO Document	0CO_ITEM_NO				NUMC	03	

Transformation between flat file and ODSBCCA9

Transformation: TRSF: DTS_CC_ACTUAL_COST_EXTERNAL -> ODSBCCA

Source: Cost Centers: Actual Costs - Line Items (external data) (DTS_CC_AC...

Target: Cost Centers: Actual Costs (External data) (ODSBCCA9)

Version: Active

Active Version: Executable

Edited Version

100%

Rule Group

Rule Group

Rule

Cost Centers: Actual Costs - Line Items (external data) (DTS_CC_ACTUAL_COST_EXT)

Pos	Key	Field	Descript.
1		CO_AREA	Controlling Area
2		FISCVARANT	Fiscal Year Variant
3		FISCPER	Fiscal year/period
4		CURTYPE	Currency Type
5		C_COSTCTR	Cost Center
6		COSTELMNT	Cost Element
7		LOGSYS	Source System
8		FISCYEAR	Fiscal year
9		COMP_CODE	Company code
10		DB_CR_IND	Sender/receiver
11		VTTYPE	Value type
12		CURRENCY	Currency
13		AMOUNT	Amount
14		CREATEDON	Created on
15		USERNAME	User Name
16		PSTNG_DATE	Posting date
17		DOC_DATE	Document Date

Cost Centers: Actual Costs (External data) (ODSBCCA9) Rule Group: Standard Group

Rule	Rule Name	Pos	Key	InfoObject	Icon	Descript.	Int
=	OLOGSYS	1		OLOGSYS		Source System	
=	OCO_AREA	2		OCO_AREA		Controlling area	
=	C_COSTCTR	3		C_COSTCTR		Cost Center	
=	OCOSTELMNT	4		OCOSTELMNT		Cost Element	
=	OCURTYPE	5		OCURTYPE		Currency Type	
!	OFISCPER	6		OFISCPER		Fiscal year / period	
!	OFISCVARNT	7		OFISCVARNT		Fiscal year variant	
!	OCO_DOC_NO	8		OCO_DOC_NO		CO Document Number	
!	OCO_ITEM_NO	9		OCO_ITEM_NO		Line Item of CO Document	
⌘	C_COITMTX	10		C_COITMTX		CO Item Text	
⌘	C_COITM	11		C_COITM		Line Item of CO Document	
⌘	OACTTYPE	12		OACTTYPE		Activity Type	
=	OVTTYPE	13		OVTTYPE		Value Type for Reporting	
⌘	OVTDETAIL	14		OVTDETAIL		Detailing the value type	
⌘	OVTSTAT	15		OVTSTAT		Statistics indicator for value type	
⌘	OMETYPE	16		OMETYPE		Key figure type	
⌘	OVALUATION	17		OVALUATION		Valuation view	
=	ODB_CR_IND	18		ODB_CR_IND		Sender/Receiver Indicator	
⌘	OPIOBSV	19		OPIOBSV		Partner Object Type	
⌘	OPIOVALUE	20		OPIOVALUE		Partner object	
⌘	OPART_CCTR	21		OPART_CCTR		Partner Cost Center	
⌘	OPART_ACTTY	22		OPART_ACTTY		Activity Type of Partner Cost Center	
⌘	OPART_ABCPR	23		OPART_ABCPR		Partner Business Process	
⌘	OALXACCTYPE	24		OALXACCTYPE		Auxiliary Account Assignment Type	
⌘	OALXACCVAL	25		OALXACCVAL		Auxiliary Account Assignment Object	
=	OCOMP_CODE	26		OCOMP_CODE		Company code	
⌘	OBUS_AREA	27		OBUS_AREA		Business area	
⌘	OFUNC_AREA	28		OFUNC_AREA		Functional area	

General presentation

Objective of the application

The objective of application is to allow users loading data from excel files with validation of content.

Usage information

Around 4 users worldwide.

09/29/2023 No new data loaded since 2020.

History

The project was started in May/2016 and was in go-live in June/2016. It was requested by CBS project manager Nathalie Delahousse and approved by Sandrine Micollet,

Link about the specifications :

[Fixed cost Cytec](#)

Initially developed to load CYTEC data, after the type of data was extended to have all NON ERP data.

Technical Rules on Workbench

We needed a solution for Solvay or other companies not working on ERP SAP. We have created a specific transaction : **ZBW_CBS**

The transaction is based on program : **ZBW_CYTEC_CBS**

With this transaction, user can load excel file for

- Customer master data
- Cost Element master data
- Non-ERP Function costs data

The transaction is available in SOLIA portal. For information, it's better to use IE and not Chrome

Load non ERP data for Function Costs CBS

Source: ZCYT (Inform the identification of source system to be validated)

Display existing master data: Cost Cente, Cost Elem. (Display data (cost center & cost element) for this company)

Export master data to file: CostCenter, Cost Elem. (Export master data to flat file)

Choose the type of data:

- ☒ CBS Function Costs (Choose the load to be done)
- ☐ Cost Center Master data
- ☐ Cost Element Master data

Choose the file to load:

File to load: C:\Cytec\cca9_cytec_OK - Copy.xlsx (Choose the flat file to be loaded)

Buttons: Preview (Preview data), Check file (Check the content of file), Load file, History, Exit

SOLVAY asking more from chemistry®

We have created a new authorization object (C_SRSYST) to be sure that users can only load data for companies they have access to.

The program checks user's authorizations with **DPAUTH01** DSO

For master data, we can display content of master data in the screen and also save it in an excel file

For master data and transactional data, user is available to load excel files using lay-out already defined.

We control the content of the file to be sure that there is no error (missing field or incorrect values).

Once data is loaded:

- The file is saved as csv in /exploit/BW/Cytec
- The infopackages are executed to load flat file in PSAs.
- The process chains are executed
 - By schedule (hourly with abap condition looking time in global filter).
 - Manage "delta queue" is several loadings at the same time
- Another process chains to load from PSA to BW Info provider
 - 2 for Master data
 - 1 for DSO and cubes
 - Process chain runs twice a day (managed in Global filter master data)

The abap program was developed to help user loading flat file in master data cost center & cost element and transactional data CBS function costs.

Below there is a list of entries in global filter used to support the program to do several activities, like: check authorizations, upload flat file, check company code, run process chain, etc.

Characteristic C_GLBFLT - maintain master data: List

Stream	Rule	Counter	Global Filter Descri	Sign	Option	Low	High	Active
RTR_CYNERP	CYNERP_RUN	1	Identify current run for CY process chain (11,...,15)	I	EQ	13		Y
RTR_CYNERP	CYNE_STIME	1	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	11	LOAD	Y
RTR_CYNERP	CYNE_STIME	2	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	15	LOAD	Y
RTR_CYNERP	TIME	1	REFERENCE TIME FOR CY NON-ERP LOAD	I	EQ	13		Y
RTR_CYNERP	TYPE	1	REFERENCE TYPE FOR CY NON-ERP LOAD	I	EQ	NO_LOAD		Y
ZCYT	AUTHGR	1	Authorization	I	EQ	ZR_NERPCYT_CA_P12		Y
ZCYT	AUTHGR	2	Authorization	I	EQ	ZR_RCS_CA_M433		Y
ZCYT	CCTR	1	FILE NAME			123123.xlsx		Y
ZCYT	CCTR	2	DELTA QUEUE			0		Y
ZCYT	CCTR	3	COUNTER OF LOADING			44		Y
ZCYT	CELM	1	FILE NAME			Fixed cost Cytec - Cost Element TABLE2.xlsx		Y
ZCYT	CELM	2	DELTA QUEUE			0		Y
ZCYT	CELM	3	COUNTER OF LOADING			29		Y
ZCYT	COAREA	1	Controlling area	I	EQ	ZCYT		Y
ZCYT	COMPCode	1	Company Code	I	EQ	7008	USD	Y
ZCYT	COMPCode	2	Company Code	I	EQ	7764	EUR	Y
ZCYT	DATC	1	FILE NAME			07764_Fixed cost Cytec - Template_072016.xlsx		Y
ZCYT	DATC	2	DELTA QUEUE			0		Y
ZCYT	DATC	3	COUNTER OF LOADING			103		Y
ZCYT	LOGSYS	1	Source System	I	EQ	NERPCYT		Y
ZCYT	SENDMAIL	1	Send email	I	EQ	nestor.araujo-external@solvay.com		Y
ZCYT	UNXCCTR	1	Unix for Costctr	I	EQ	/exploit/BW/Cytec/cost_center_cytec		Y
ZCYT	UNXCCEL	1	Unix for Cost Element	I	EQ	/exploit/BW/Cytec/cost_element_cytec		Y
ZCYT	UNXDATC	1	Unix for cbs_function_costs_cytec	I	EQ	/exploit/BW/Cytec/cbs_function_costs_cytec		Y

Lay-out of files

Cost Center

InfoObject	Description	Type	Size	Key	Business rules and Comment
CO_AREA	Controlling area	CHAR	4	Y	always ZCYT ; authorization object in the specific transaction in WBP
C_COSTCTR	Cost Center	CHAR	10	Y	cytec cost center codes
LOGSYS	Source System	CHAR	10	Y	NERP003 or NERPCYT
C_FUNCT_0	0 Hierarchy	CHAR	32	N	check : always ZCBS
C_FUNCT_1	1 Organisation	CHAR	32	N	check with existing values for C_COSTCTR-C_FUNCT_1
C_FUNCT_2	2 Function	CHAR	32	N	check with existing values for C_COSTCTR-C_FUNCT_2
C_FUNCT_3	3 Sub-function Grouping	CHAR	32	N	no check
C_FUNCT_4	4 Sub-function	CHAR	32	N	no check
C_COMPCode	Company code	CHAR	4	N	check with C_COMPCode
CREATEDON	Creation date	DATS	8	N	sy datum (not in the file but populated by the specific program)
USERNAME	User Name	CHAR	12	N	sy uname (not in the file but populated by the specific program)
DATETO	Valid to	DATS	8	Y	YYYYMMDD
DATEFROM	Valid from	DATS	8	N	YYYYMMDD
PROFIT_CTR	Profit Center	CHAR	10	N	It is not filled in Cytec case
LANGU	Language Key	LANG	1	Y	always 'E' for English
TXTSH	Short description	CHAR	20	N	free text
TXTMD	Medium description	CHAR	40	N	free text
CPFCTR1_2	BFC Global Business Unit	CHAR	2	N	BFC GBU for example CS (NOVE CARE) or SI (SILICA) etc..
CPFCTR2_2	BFC Group of activities	CHAR	5	N	For example code = CTTEX (FIBRAS TEXTILE)
C_PLANT	Plant	CHAR	4	N	For the filling of the fields C_RPLANT (Responsible Plant) and OPLANT (PLANT)

Template of flat file for Cost center (the fields in red are mandatory = need to be filled with values)

COMP_CODE Company code	DATETO Valid to	DATEFROM Valid from	PROFIT_CTR Profit Center	LANGU Language Key	TXTSH Short description	TXTMD Medium description	CPFCTR1_2 BFC Global Business Unit	CPFCTR2_2 BFC Group of activities	C_PLANT Plant
7180	99991231	20190101		E	GEC Project - US	GEC Project US			



zbw_cbs_cost_ctr_template.xlsx

Cost Element

InfoObject	Description	Type	Size	Key	Business rules and Comment
CO_AREA	Controlling area	CHAR	4	Y	always ZCYT ; authorization object in the specific transaction in WBP
COSTELMNT	Cost Element	CHAR	10	Y	cytec specific cost elements
CSTELMNTYP	Cost element category	CHAR	2	N	always '01'
LOGSYS	Source System	CHAR	10	N	NERP003 or NERPCYT, check against global filter
C_CELTHF1	Fixed cost Group 1	CHAR	32	N	
C_CELTHF2	Fixed cost Group 2	CHAR	32	N	
C_CELTHF3	Fixed cost Group 3	CHAR	32	N	
C_CELTHF4	Fixed cost Group 4	CHAR	32	N	
DATETO	Valid to	DATS	8	Y	YYYYMMDD
DATEFROM	Valid from	DATS	8	N	YYYYMMDD
LANGU	Language Key	LANG	1	Y	always 'E' for English
TXTSH	Short description	CHAR	20	N	free text
TXTMD	Medium description	CHAR	40	N	free text

Template of flat file for Cost element:

	A	B	C	D	E	F	G	H	I	J	K	L	M
	CO_AREA	COSTELMNT	CSTELMNTYP	LOGSYS	C_CELTHF1	C_CELTHF2	C_CELTHF3	C_CELTHF4	DATETO Valid to	DATEFROM Valid from	LANGU Language Key	TXTSH Short description	TXTMD Medium description
1	Controlling area	Cost Element	Cost element category	Source System	Fixed cost Group 1	Fixed cost Group 2	Fixed cost Group 3	Fixed cost Group 4					
2	ZCYT	2602	1	NERPCYT	ZRCS-AC	ZRCS-30	ZRCS-3020		99991231	20170101	E	AMORTIZATIO	AMORTIZATION



zbw_cbs_cost_el...nt_template.xlsx

CBS Function Costs

InfoObject	Description	Type	Size	Key	Business rules and Comment
OCO_AREA	Controlling area	CHAR	4	Y	always ZCYT
0FISCVARNT	Fiscal year variant	CHAR	2	Y	Always K4
0FISCPER	Fiscal year / period	NUMC	7	Y	yyyymm
0CURTYPE	Currency Type	CHAR	2	Y	always 10 meaning company code currency
0CO_DOC_NO	CO Document Number	CHAR	10	Y	counter defined by cytec not fill by the interface => still empty
0CO_ITEM_NO	Line Item of CO Document	NUMC	3	Y	always 1 not fill by the interface => still empty
C_COSTCTR	Cost Center	CHAR	10	Y	check with master data C_COSTCTR with controlling area ZCYT and company code
0COSTELMNT	Cost Element	CHAR	10	Y	check with master data C_COSTELMNT with controlling ares ZCYT
0LOGSYS	Source System	CHAR	10	N	NERP003 or NERPCYT
0FISCYEAR	Fiscal year	NUMC	4	N	YYYY
C_COMPCDE	Company code	CHAR	4	N	check with master data C_COMPCDE (PRS code)
0DB_CR_IND	Sender/Receiver indicator	CHAR	1	N	S = debit, H = credit
0VTYPE	Value type	NUMC	3	N	always 10
0CURRENCY	Currency key	CUKY	5	N	USD
0AMOUNT	Amount	CURR	9	N	decimal is '.', sign is xxx
0PSTNG_DATE	Posting date	DATS	8	N	format YYYYMMDD with no separator
0DOC_DATE	Document date	DATS	8	N	format YYYYMMDD with no separator

Template CBS Function Costs flat file

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
	OCO_AREA	OFISCVARNT	OFISCPER	OCURTYPE	C_COSTCTR	OCOSTELMNT	OLOGSYS	OFISCYEAR	C_COMPCDE	ODB_CR_IND	OVTYPE	Value	OCURRENCY	OAMOUNT	OPSTNG_DATE	ODOC_DATE
	Controlling area	Fiscal year variant	Fiscal year / period	Currency Type	Cost Center	Cost Element	Source System	Fiscal year	Company code	Sender/Receiver indicator	type		Currency key	Amount	Posting date	Document date
1	ZCYT	K4	2017006		10 010-8110	70011010	NERPCYT	2017		7218 S		10	GBP	13138.78	20170601	20170601
2	ZCYT	K4	2017006		10 010-8110	70012030	NERPCYT	2017		7218 S		10	GBP	1708.67	20170601	20170601
3	ZCYT	K4	2017006		10 010-8110	70013010	NERPCYT	2017		7218 S		10	GBP	1301.89	20170601	20170601
4	ZCYT	K4	2017006		10 010-8110	70012030	NERPCYT	2017		7218 S		10	GBP	81.05	20170601	20170601



zbw_cbs__cost_data_template.xlsx

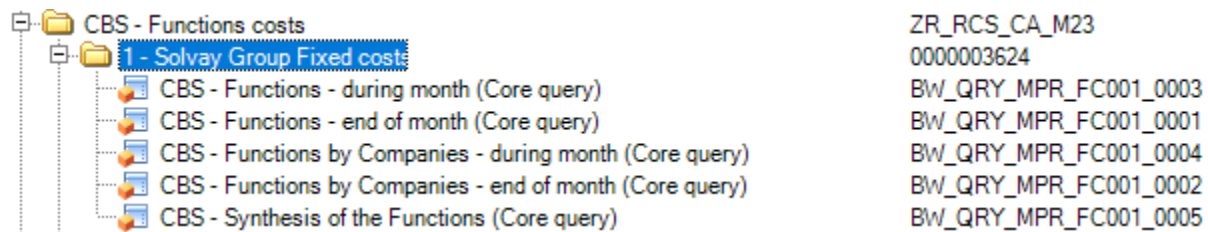
Reporting

Queries End User Documentation

[Function Costs CBS User Guide.docx](#)

Main queries

The queries are the same used for CBS Function costs users under multi provider MPR_FC001.



Main functionalities

The unique key figure loaded is the amount.

Dependencies with other applications

There is no dependencies with other applications, all data is loaded using flat files by users.

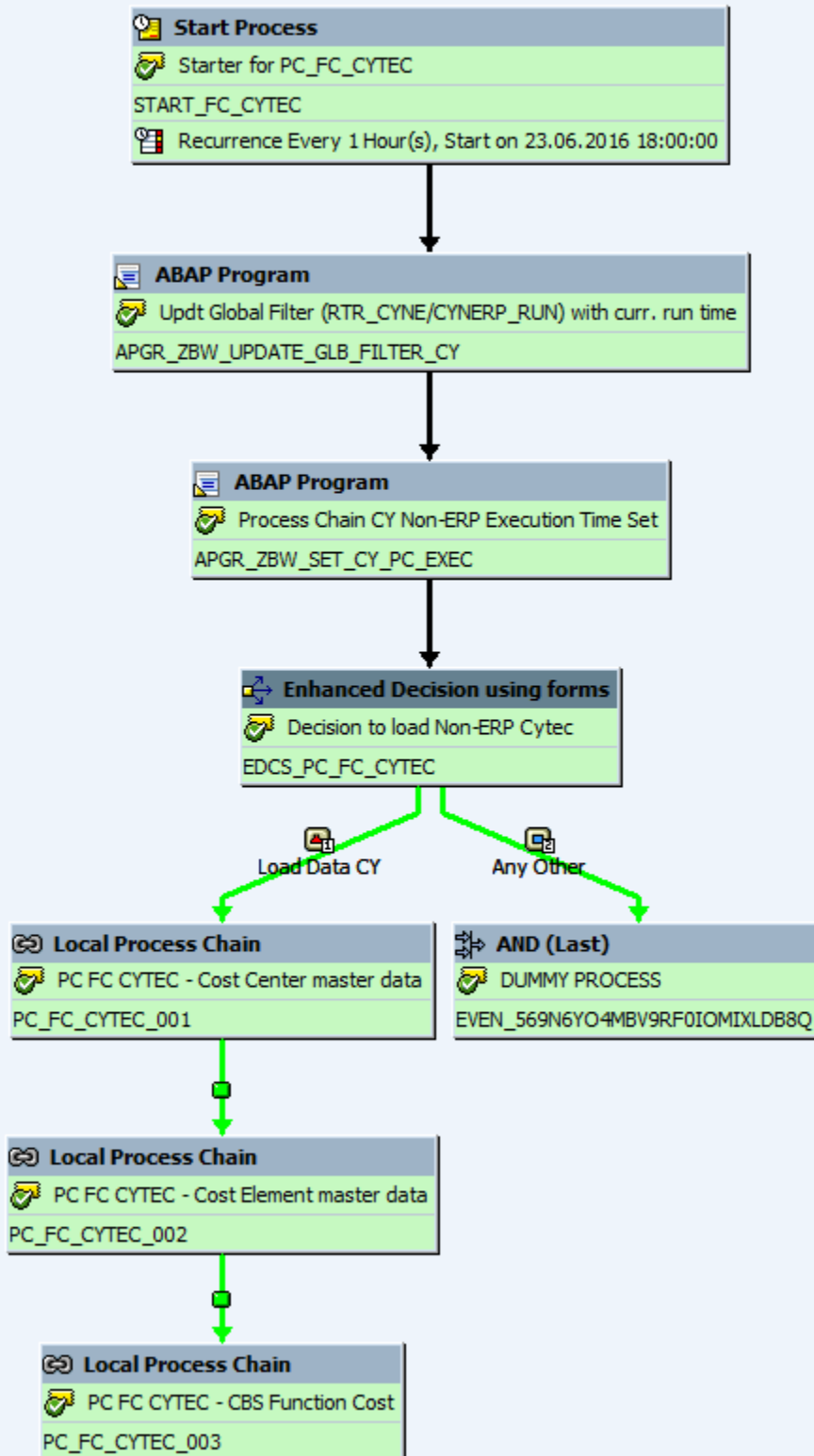
Cube "Fixed costs Analysis (External data)" CUB_FC007 is used in multiprovider "Fixed costs Analysis (Multi Systems)" [MPR_FC001](#).

Data Loading

Info Providers and objects loaded

Main Process Chain: PC_FC_CYTEC

NON-ERP: Global PC FC CYTEC



There is an abap condition ZBW_UPDATE_GLB_FILTER used to define the hours that the process should be executed based on global filter rule CYNE_STIME, nowadays twice a day.

In WBP : 5 times 11:00am + 01:00pm + 03:00pm + 04:00pm + 05:00pm (CET TIME)

Table Content /BIC/PC_GLBFLT: 6 of 6

Stream	Rule	Counter	V	Change flag (I inserted / D deleted)	Global Filter Descri	Sign	Option	Low	Hight	Acti
RTR_CYNERP	CYNE_STIME	001	A		START TIME ALLOWED FOR CY NON-ERP LOADING 11:00am Paris time	I	EQ	11	LOAD	Y
RTR_CYNERP	CYNE_STIME	003	A		START TIME ALLOWED FOR CY NON-ERP LOADING 01:00pm Paris time	I	EQ	13	LOAD	Y
RTR_CYNERP	CYNE_STIME	002	A		START TIME ALLOWED FOR CY NON-ERP LOADING 03:00pm Paris time	I	EQ	15	LOAD	Y
RTR_CYNERP	CYNE_STIME	008	A			I	EQ		LOAD	Y
RTR_CYNERP	CYNE_STIME	004	A			I	EQ	16	LOAD	Y
RTR_CYNERP	CYNE_STIME	005	A			I	EQ	17	LOAD	Y

In WBQ : from 8:00am to 09:00 pm each hour so 14 times

Characteristic C_GLBFLT - maintain master data: List

Stream	Rule	Counter	Global Filter Descri	Sign	Option	Low	Hight	Acti
RTR_CYNERP	CYNE_STIME	10	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	08	LOAD	Y
RTR_CYNERP	CYNE_STIME	8	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	09	LOAD	Y
RTR_CYNERP	CYNE_STIME	6	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	10	LOAD	Y
RTR_CYNERP	CYNE_STIME	1	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	11	LOAD	Y
RTR_CYNERP	CYNE_STIME	4	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	12	LOAD	Y
RTR_CYNERP	CYNE_STIME	3	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	13	LOAD	Y
RTR_CYNERP	CYNE_STIME	5	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	14	LOAD	Y
RTR_CYNERP	CYNE_STIME	2	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	15	LOAD	Y
RTR_CYNERP	CYNE_STIME	7	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	16	LOAD	Y
RTR_CYNERP	CYNE_STIME	11	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	17	LOAD	Y
RTR_CYNERP	CYNE_STIME	9	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	18	LOAD	Y
RTR_CYNERP	CYNE_STIME	12	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	19	LOAD	Y
RTR_CYNERP	CYNE_STIME	13	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	20	LOAD	Y
RTR_CYNERP	CYNE_STIME	14	START TIME ALLOWED FOR CY NON-ERP LOADING	I	EQ	21	LOAD	Y

Loading frequency

Daily, twice a day.

Average performance

Depending on number of records loaded there is a variance between 30 seconds and 5 minutes.

Key Figure	Estimation
~ Average Process Chain Runtime	2 minutes
~ Average nb of rows loaded per load	2K records
~ Total nb of rows loaded (if full)	20K

~ Average Runtime for 10k lines	2 minutes
---------------------------------	-----------

Record Keeping

This solution is in production since July/2016 loading data from June/2016, so there is no definition about retention, probably all historical data will be kept.

Data Quality Control

Data come from SAP system. To compare data between BW and sources systems, check propagation layers.

Operational Documentation

Procedures

Sometimes users ask to delete not used cost centers and cost elements loaded wrongly.

Scheduling

<Describe the scheduling in place for the application (eg. existing jobs, trigger time/event based, dependencies)>

Monitoring

<Describe the monitoring checks to confirm the application is performing well (eg. check the overall status, check performance metrics like runtime /data volume/memory/disk/CPU, maintain and react to alerts/notifications)>

Error Handling

<Describe how to handle errors (eg. error codes, description and respective resolution, alert users)>

Known Bugs

All issues are identified during the validation of abap program, before to be loaded in BW and it can be fixed and validated by user again see the example below:

Rejection Code	Long description	Controllin	Cost Center	Srce Sys.	0 Hierarchy	1 Organisation	2 Function	3 Sub-func	4 Sub-function	Co.			P	Short description
RK13_1	The Controlling Area is missing	ZCYT	415-8920	NERPCYT	ZCBS	ZCBS-FUNCT	ZCBS-FDE	ZFDEMG	ZFDEMG2	7764	99991231	20160101	E	HAZARD COMMUNIC
RK8	The 4Sub-Function is incorrect	ZCYT	183-7280	NERPCYT	ZCBS	ZCBS-FUNCT	ZCBS-FDE	ZFPURBUY	WWWWW	7764	99991231	20160180	E	STAMFORD HEL
RK24_2	Valid from has wrong format	ZCYT	183-7280	NERPCYT	ZCBS	ZCBS-FUNCT	ZCBS-FDE	ZFPURBUY	WWWWW	7764	99991231	20160180	E	STAMFORD HEL
RK10	The Language Code is missing	ZCYT	415-8020	NERPCYT	ZCBS	ZCBS-FUNCT	ZCBS-FDE	ZFPURBUY	ZFDEMG2	7764	99991231	20160101		HDQRT SVCS
RK12_1	The Medium Description is missing	ZCYT	415-8020	NERPCYT	ZCBS	ZCBS-FUNCT	ZCBS-FDE	ZFPURBUY	ZFDEMG2	7764	99991231	20160101		HDQRT SVCS
RK6	The 2Function is incorrect	ZCYT	415-8550	NERPCYT	ZCBS	ZCBS-FUNCT	TTTTTT	ZFDEMG	ZFDEMG2	7764	99991231	20160101	E	EMPLOYEE SVCS
RK5_2	The 0Organization is incorrect	ZCYT	415-8560	NERPCYT	ZCBS	TTTTTT	ZCBS-FDE	ZFDEMG	ZFDEMG2	7764	99991231	20160101	E	MEDICAL
RK11_1	The Short Description is missing	ZCYT	415-8910	NERPCYT	ZCBS	ZCBS-FUNCT	ZCBS-FPUR	ZFPURBUY	ZFPURCYTEC	7008	99991231	20160101	E	
RK12_1	The Medium Description is missing	ZCYT	415-8910	NERPCYT	ZCBS	ZCBS-FUNCT	ZCBS-FPUR	ZFPURBUY	ZFPURCYTEC	7008	99991231	20160101	E	

About Company code :

Need to check on the global filter if all companies codes are well actives or not.

Stream ZCYT and rule = COMPCDE

Characteristic C_GLBFILT - maintain master data: List

Data Records to be Edited

Stream	Rule	Counter	Global Fil	Sign	Option	Low	Hight	Active
ZCYT	COMPCDE	1	Company Code	I	EQ	7008	USD	Y
ZCYT	COMPCDE	2	Company Code	I	EQ	7180	USD	Y
ZCYT	COMPCDE	3	Company Code	I	EQ	7185	USD	Y
ZCYT	COMPCDE	4	Company Code	I	EQ	7210	GBP	Y
ZCYT	COMPCDE	5	Company Code	I	EQ	7218	GBP	Y
ZCYT	COMPCDE	6	Company Code	I	EQ	7223	GBP	Y
ZCYT	COMPCDE	7	Company Code	I	EQ	7237	USD	Y
ZCYT	COMPCDE	8	Company Code	I	EQ	7246	USD	Y
ZCYT	COMPCDE	9	Company Code	I	EQ	7248	GBP	Y
ZCYT	COMPCDE	10	Company Code	I	EQ	7250	GBP	Y
ZCYT	COMPCDE	11	Company Code	I	EQ	7252	EUR	Y
ZCYT	COMPCDE	12	Company Code	I	EQ	7257	EUR	Y
ZCYT	COMPCDE	13	Company Code	I	EQ	7379	SGD	Y
ZCYT	COMPCDE	14	Company Code	I	EQ	7714	GBP	Y
ZCYT	COMPCDE	15	Company Code	I	EQ	7722	PEN	Y
ZCYT	COMPCDE	16	Company Code	I	EQ	7723	MXN	Y
ZCYT	COMPCDE	17	Company Code	I	EQ	7725	CLP	Y
ZCYT	COMPCDE	18	Company Code	I	EQ	7726	EUR	Y
ZCYT	COMPCDE	19	Company Code	I	EQ	7734	CNY	Y
ZCYT	COMPCDE	20	Company Code	I	EQ	7752	CAD	Y
ZCYT	COMPCDE	21	Company Code	I	EQ	7764	EUR	Y
ZCYT	COMPCDE	22	Company Code	I	EQ	7771	GBP	Y
ZCYT	COMPCDE	23	Company Code	I	EQ	7772	EUR	Y
ZCYT	COMPCDE	24	Company Code	I	EQ	7773	INR	Y
ZCYT	COMPCDE	25	Company Code	I	EQ	7774	THB	Y
ZCYT	COMPCDE	26	Company Code	I	EQ	7775	CNY	Y
ZCYT	COMPCDE	27	Company Code	I	EQ	7776	CNY	Y
ZCYT	COMPCDE	28	Company Code	I	EQ	7777	BRL	Y
ZCYT	COMPCDE	29	Company Code	I	EQ	7778	JPY	Y
ZCYT	COMPCDE	30	Company Code	I	EQ	7786	AUD	Y
ZCYT	COMPCDE	31	Company Code	I	EQ	7788	IDR	Y
ZCYT	COMPCDE	32	Company Code	I	EQ	7794	EUR	Y
ZCYT	COMPCDE	33	Company Code	I	EQ	7988	KRW	Y

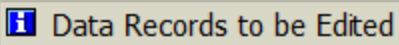
+ Need to create it on C_COMPCDE master data

Characteristic C_COMPCDE - maintain master data: List









Srcs Sys.	Company co	Country	Currency	Fiscal Yea	Magnitude	Controllin
NERPCYT						
NERPCYT	7008	US	USD	K4	NA	ZCYT
NERPCYT	7180	US	USD	K4	NA	ZCYT
NERPCYT	7185	US	USD	K4	NA	ZCYT
NERPCYT	7210	GB	GBP	K4	EU	ZCYT
NERPCYT	7218	GB	GBP	K4	EU	ZCYT
NERPCYT	7223	GB	GBP	K4	EU	ZCYT
NERPCYT	7237	US	USD	K4	NA	ZCYT
NERPCYT	7246	US	USD	K4	US	ZCYT
NERPCYT	7248	GB	GBP	K4	EU	ZCYT
NERPCYT	7250	GB	GBP	K4	EU	ZCYT
NERPCYT	7252	FR	EUR	K4	EU	ZCYT
NERPCYT	7257	FR	EUR	K4	EU	ZCYT
NERPCYT	7379	SG	SGD	K4	AP	ZCYT
NERPCYT	7714	GB	GBP	K4	EU	ZCYT
NERPCYT	7722	PE	PEN	K4	LA	ZCYT
NERPCYT	7723	MX	MXN	K4	NA	ZCYT
NERPCYT	7725	CL	CLP	K4	LA	ZCYT
NERPCYT	7726	BE	EUR	K4	EU	ZCYT
NERPCYT	7734	CN	CNY	K4	AP	ZCYT
NERPCYT	7752	CA	CAD	K4	NA	ZCYT
NERPCYT	7764	LV	EUR	K4	EU	ZCYT
NERPCYT	7771	GB	GBP	K4	EU	ZCYT
NERPCYT	7772	DE	EUR	K4	EU	ZCYT
NERPCYT	7773	IN	INR	K4	AP	ZCYT
NERPCYT	7774	TH	THB	K4	AP	ZCYT
NERPCYT	7775	CN	CNY	K4	AP	ZCYT
NERPCYT	7776	CN	CNY	K4	AP	ZCYT
NERPCYT	7777	BR	BRL	K4	LA	ZCYT
NERPCYT	7778	JP	JPY	K4	AP	ZCYT
NERPCYT	7786	AU	AUD	K4	AP	ZCYT
NERPCYT	7788	ID	IDR	K4	AP	ZCYT
NERPCYT	7794	NL	EUR	K4	EU	ZCYT
NERPCYT	7988	KR	KRW	K4	AP	ZCYT

+ don't forget to active the masters datas.

Roadmap