

BW RTR - CBS Function Costs

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General presentation

List of contacts

- Sandrine Micollet (SBS Information Services) : Reporting Coordinator
- Guillaume Thevenet (SBS Information Services) : BW Coordinator

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.

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](#)

Roles & Access

Roles and access

List of application role + menu role and explanation if we have several applications role with special rules.

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

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 autorisation objects mandatory for the application.

Authorization object	Explanation
C_SRSYST	External source system

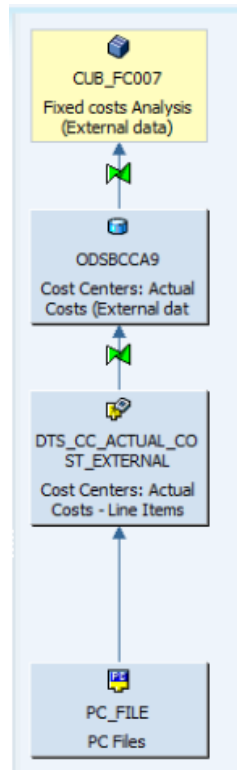
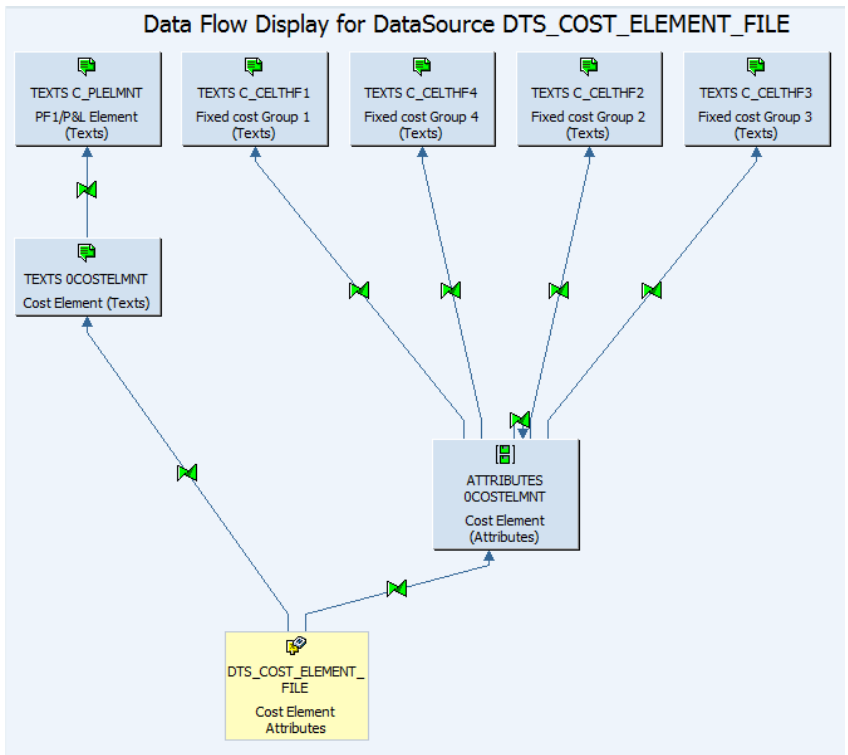
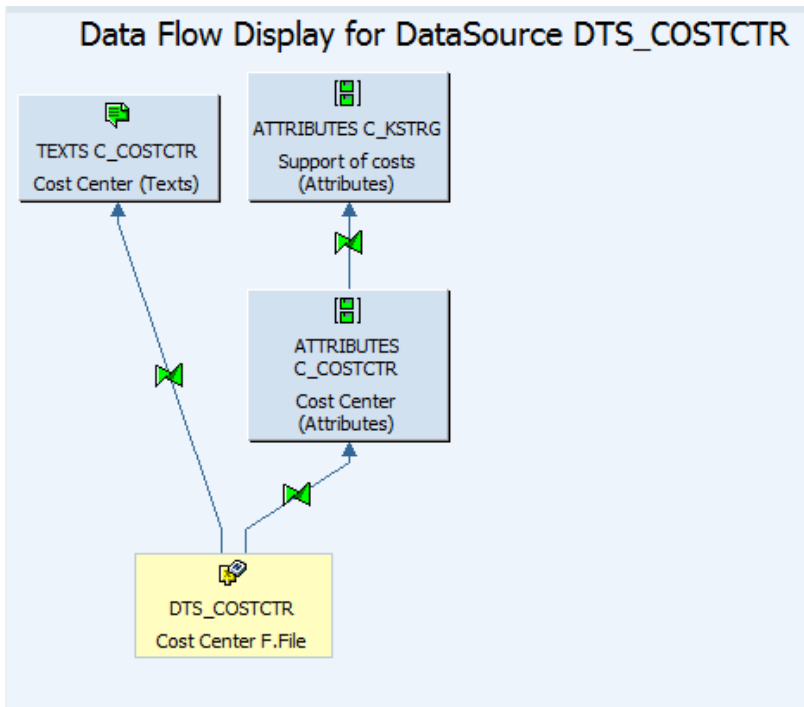
Link to the BW Catalog of role

[BW Authorization](#)

Dataflow overview

[CBS Cytec presentation](#)

Main flows



Functional and Technical rules on Workbench + Reporting Rules & Explanations

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 Centre, 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: 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

Data Records to be Edited

Stream	Rule	Counter	Global Filter Descri	Sign	Option	Low	Hight	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	UNIXCCTR	1	Unix for Costctr	I	EQ	/exploit/BW/Cytec/cost_center_cytec		Y
ZCYT	UNIXCELM	1	Unix for Cost Element	I	EQ	/exploit/BW/Cytec/cost_element_cytec		Y
ZCYT	UNIXDATC	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 (NOVECARE) 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)

CO_A REA Contro lling area	C_C OST CTR Cost Cent er	LOGSYS Source System (linked to company code)	C_FU NCT_ 0 0 Hierar chy	C_FUN CT_1 1 Organis ation	C_F UNC T_2 2 Function	C_F UNC T_3 3 Sub- function	C_F UNC T_4 4 Sub- function Group ing	COM P_C ODE Com pany code	DAT ETO Valid to	DAT EFR OM Valid from	PROFIT _CTR Profit Center	LAN GU Lang uage Key	TXTS H Short descrip tion	TXTM D Mediu m descrip tion	CPF CTR 1_2 BFC Glob al Busi ness Unit	CPF CTR 2_2 BFC Group of activi ties	C_P LAN T Plant
ZCYT	160- 7600	NERPCYT	ZCBS	ZCBS- PROJ	ZCB S - PIND	ZPI NDE C2	7180	9999 1231	2019 0101		E	GEC Project - US	GEC Project US				

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
TXTS	Short description	CHAR	20	N	free text
TXTM	Medium description	CHAR	40	N	free text

Template of flat file for Cost element

CO_AR E A Controlli ng area	COSTE LMNT Cost Element	CSTEL MNTYP Cost element category	LOGSY S Source System	C_CELT HF 1 Fixed cost Group 1	C_CELT HF 2 Fixed cost Group 2	C_CELT HF 3 Fixed cost Group 3	C_CELT HF 4 Fixed cost Group 4	DATET O Valid to	DATEF ROM Valid from	LANGU Langue ge Key	TXTS Short descrip tion	TXTM Medium descrip tion
ZCYT	2602	1	NERPC YT	ZRCS- AC	ZRCS- 30	ZRCS- 3020		99991231	20170101	E	AMORT IZATIO N	AMORT IZATIO N

CBS Function Costs

InfoObject	Description	Type	Size	Key	Business rules and Comment
0CO_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 area ZCYT
0LOGSYS	Source System	CHAR	10	N	NERP003 or NERPCYT
0FISCYEAR	Fiscal year	NUMC	4	N	YYYY
C_COMPCODE	Company code	CHAR	4	N	check with master data C_COMPCODE (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**

0CO_A REA Control ling area	0FISC VARN T Fiscal year variant	0FISC PER Fiscal year period	0CUR TYPE Curren cy Type	C_COS TCTR Cost Center	0COST ELMN T Cost Element	0LOGS Y S Source System	0FISC YEAR Fiscal year	C_CO MPCD E Compa ny code	0DB_C R_IND Sender /Receiv er indicat or	0VTYP E Value type	0CUR RENC Y Curren cy key	0AMO UNT Amoun t	0PSTN G_DA T E Posting date	0DOC_ DATE Docum ent date
ZCYT	K4	201700610		010-8110	70011010	NERP CYT	2017	7218	S	10	GBP	13138.78	20170601	20170601
ZCYT	K4	201700610		010-8110	70012030	NERP CYT	2017	7218	S	10	GBP	1708.67	20170601	20170601
ZCYT	K4	201700610		010-8110	70013010	NERP CYT	2017	7218	S	10	GBP	1301.89	20170601	20170601
ZCYT	K4	201700610		010-8110	70013030	NERP CYT	2017	7218	S	10	GBP	81.93	20170601	20170601
ZCYT	K4	201700610		010-8110	70013990	NERP CYT	2017	7218	S	10	GBP	447.43	20170601	20170601
ZCYT	K4	201700610		010-8110	70016090	NERP CYT	2017	7218	S	10	GBP	238.03	20170601	20170601
ZCYT	K4	201700610		010-8110	70016099	NERP CYT	2017	7218	S	10	GBP	-229.63	20170601	20170601
ZCYT	K4	201700610		010-8110	70013120	NERP CYT	2017	7218	S	10	GBP	1315.88	20170601	20170601
ZCYT	K4	201700610		010-8110	70016055	NERP CYT	2017	7218	S	10	GBP	128.92	20170601	20170601
ZCYT	K4	201700610		010-8110	70016060	NERP CYT	2017	7218	S	10	GBP	434.05	20170601	20170601
ZCYT	K4	201700610		010-8110	70016070	NERP CYT	2017	7218	S	10	GBP	451.28	20170601	20170601
ZCYT	K4	201700610		010-8110	70016080	NERP CYT	2017	7218	S	10	GBP	127.86	20170601	20170601
ZCYT	K4	201700610		010-8110	70016130	NERP CYT	2017	7218	S	10	GBP	181.29	20170601	20170601
ZCYT	K4	201700610		010-8110	70016054	NERP CYT	2017	7218	S	10	GBP	30.08	20170601	20170601
ZCYT	K4	201700610		010-8113	70025010	NERP CYT	2017	7218	S	10	GBP	4000	20170601	20170601

Dependencies with other applications

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

Data loadings

Info providers and objects loaded

Main Process Chain: PC_FC_CYTEC

NON-ERP: Global PC FC CYTEC



Start Process
Starter for PC_FC_CYTEC
START_FC_CYTEC
Recurrence Every 1 Hour(s), Start on 23.06.2016 18:00:00

ABAP Program
Updt Global Filter (RTR_CYNE/CYNERP_RUN) with curr. run time
APGR_ZBW_UPDATE_GLB_FILTER_CY

ABAP Program
Process Chain CY Non-ERP Execution Time Set
APGR_ZBW_SET_CY_PC_EXEC

Enhanced Decision using forms
Decision to load Non-ERP Cytec
EDCS_PC_FC_CYTEC

Load Data CY

Any Other

Local Process Chain
PC FC CYTEC - Cost Center master data
PC_FC_CYTEC_001

AND (Last)
DUMMY PROCESS
EVEN_569N6YO4MBV9RF0IOMIXLDB8Q

Local Process Chain
PC FC CYTEC - Cost Element master data
PC_FC_CYTEC_002

Local Process Chain
PC FC CYTEC - CBS Function Cost
PC_FC_CYTEC_003

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, nowdays twice a day.

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

Table Content /BIC/PC_GLBFILT: 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_GLBFILT - 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

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%

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

Pos	Ke	Field	Descript.
1		CO_AREA	Controlling Area
2		FISCVARNT	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		VTYPE	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
=	0LOGSYS	1	🔑	0LOGSYS	🏠	Source System	
=	0CO_AREA	2	🔑	0CO_AREA	🏠	Controlling area	
=	C_COSTCTR	3	🔑	C_COSTCTR	🏠	Cost Center	
=	0COSTELMNT	4	🔑	0COSTELMNT	🏠	Cost Element	
=	0CURTYPE	5	🔑	0CURTYPE	🏠	Currency Type	
⌚	0FISCPER	6	🔑	0FISCPER	🏠	Fiscal year / period	
⌚	0FISCVARNT	7	🔑	0FISCVARNT	🏠	Fiscal year variant	
📄	0CO_DOC_NO	8	🔑	0CO_DOC_NO	🏠	CO Document Number	
📄	0CO_ITEM_NO	9	🔑	0CO_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	
⌘	0ACTTYPE	12		0ACTTYPE	🏠	Activity Type	
=	0VTYPE	13		0VTYPE	🏠	Value Type for Reporting	
⌘	0VTDETAIL	14		0VTDETAIL	🏠	Detailing the value type	
⌘	0VTSTAT	15		0VTSTAT	🏠	Statistics indicator for value type	
⌘	0METYPE	16		0METYPE	🏠	Key figure type	
⌘	0VALUATION	17		0VALUATION	🏠	Valuation view	
=	0DB_CR_IND	18		0DB_CR_IND	🏠	Sender/Receiver Indicator	
⌘	0PIOBSV	19		0PIOBSV	🏠	Partner Object Type	
⌘	0PIOVALUE	20		0PIOVALUE	🏠	Partner object	
⌘	0PART_CCTR	21		0PART_CCTR	🏠	Partner Cost Center	
⌘	0PART_ACTTY	22		0PART_ACTTY	🏠	Activity Type of Partner Cost Center	
⌘	0PART_ABCPR	23		0PART_ABCPR	🏠	Partner Business Process	
⌘	0AUXACCTTYPE	24		0AUXACCTTYPE	🏠	Auxiliary Account Assignment Type	
⌘	0AUXACCVL	25		0AUXACCVL	🏠	Auxiliary Account Assignment Object	
=	0COMP_CODE	26		0COMP_CODE	🏠	Company code	
⌘	0BUS_AREA	27		0BUS_AREA	🏠	Business area	
⌘	0FUNC_AREA	28		0FUNC_AREA	🏠	Functional area	

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.

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.

[blocked URL](#)

CBS Function end of month - result below

[blocked URL](#)

Main functionalities

The unique key figure loaded is the amount.

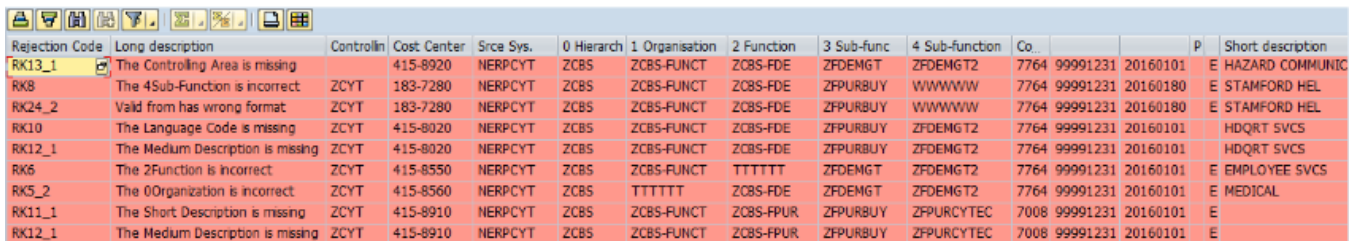
Broadcast

There is no broadcast defined.

Maintenance

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	Srcs Sys.	0 Hierarch	1 Organisation	2 Function	3 Sub-func	4 Sub-function	Co.		P	Short description
RK13_1	The Controlling Area is missing		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 :

[blocked URL](#)

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_COMPUDE - maintain master data: List

Data Records to be Edited

Srcce 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.

Recurring procedure

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

Planned Evolution

The process should be replacement by RCS SAP Financial when it is implemented in Cytec around 2017/2018.