

# Technical Template - COLMAR Report

- 1 [Access Management](#)
- 2 [DataFlow](#)
  - 2.1 [Overview](#)
  - 2.2 [Objective of the application](#)
  - 2.3 [Main functionalities](#)
  - 2.4 [Technical Rules on Workbench](#)
  - 2.5 [Reporting](#)
    - 2.5.1 [Main queries](#)
  - 2.6 [Broadcast](#)
  - 2.7 [Dependencies with other applications](#)
- 3 [Data Loading](#)
  - 3.1 [Info Providers and objects loaded](#)
- 4 [Data Quality Control](#)
- 5 [Operational Documentation](#)
  - 5.1 [Procedures](#)
  - 5.2 [Scheduling](#)
  - 5.3 [Monitoring](#)
  - 5.4 [Error Handling](#)
  - 5.5 [Known Bugs](#)
    - 5.5.1 - [Colmar Folder missing in Portal WBP \(BPJ\)](#)
  - 5.6 [Roadmap](#)

## Access Management

### Roles & Access

This Colmar application will use composite roles, which contain many roles inside below

Composite Role	Role Name	M44	M441	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	M09	ZBI_RCS_CO_A21
ZC_RCS_COL_C01	COLMAR - Administrator		X	X	X	X		X		X			X	X		
ZC_RCS_COL_C02	COLMAR - IT Admin	X		X	X		X		X	X	X		X	X		
ZC_RCS_COL_C03	COLMAR - GBU Coordinator			X	X	X		X		X		X		X	X	X
ZC_RCS_COL_C04	COLMAR - Reporting Plant			X	X	X		X		X				X	X	X
ZC_RCS_COL_C06	COLMAR - Forecaster	X		X	X	X		X		X				X	X	X
ZC_RCS_COL_C06_PAX	COLMAR - Forecaster - For PAX	X		X	X	X		X		X				X	X	X

## Authorization Objects

Authorization variables on queries are based on info objects: C\_BFCA\_4, C\_MA\_PR\_\_C\_BFCA\_4, C\_PLANT, C\_COMPCCDE and C\_FAMINPR.

C\_AUTHMA variables are customer exit variables.

For Colmar application, authorization objects will be in application roles.

History: 2023: To segregate data of Po2, authorization scope (C\_AUTHMA) has to be added into project bundle (C\_MA\_PR). It is required to modify web portal, authorization application role, C\_MA\_PR object and BW query

Role	Role Name	Auth Obj	Family (C_MA_PR__C_FAMINPR)	GBU (C_BFCA_2__C_BFCA_4)	C_COM PCDE	Plant	Provider	C_AUTHMA (For Po2)
ZR_RCS_P S_A10	RPSA10 - COLMAR - Forecast - Technical role							
ZR_RCS_P S_A11	RPSA11 - COLMAR - Reporting - Technical role							
ZR_RCS_P S_A12	RPSA12 - COLMAR - Data entry - Data scope	Z_IP_002	\$V_C_FAMINPR_32	\$V_C_BFCA_4_32	All	\$V_C_PLA NT_32	<a href="#">See provider sheet</a>	\$V_C_AUTHM A_32
ZR_RCS_P S_A13	RPSA13 - COLMAR - Data entry - Data scope - All	Z_IP_004	All	All	All	All	<a href="#">See provider sheet</a>	All
ZR_RCS_P S_A14	RPSA14 - COLMAR - Reporting - Data scope	Z_IP_003	\$V_C_FAMINPR_33	\$V_C_BFCA_4_33	All	\$V_C_PLA NT_33	<a href="#">See provider sheet</a>	\$V_C_AUTHM A_33
ZR_RCS_P S_A15	RPSA15 - COLMAR - Reporting - Data scope - All	Z_IP_005	All	All	All	All	<a href="#">See provider sheet</a>	All
ZR_RCS_P S_A16	RPSA16 - COLMAR - Display Master Data	Z_IP_006	\$V_C_FAMINPR_33	\$V_C_BFCA_4_33	All	\$V_C_PLA NT_33	<a href="#">See provider sheet</a>	\$V_C_AUTHM A_33
ZR_RCS_P S_A17	RPSA17 - COLMAR - Administrator master data maintenance	Z_IP_007	\$V_C_FAMINPR_32	\$V_C_BFCA_4_32	All	\$V_C_PLA NT_32	<a href="#">See provider sheet</a>	\$V_C_AUTHM A_32
ZR_RCS_P S_A18	RPSA18 - COLMAR - GBU dedicated master data maintenance	Z_IP_007	\$V_C_FAMINPR_32	\$V_C_BFCA_4_32	All	\$V_C_PLA NT_32	<a href="#">See provider sheet</a>	\$V_C_AUTHM A_32
ZR_RCS_P S_A19	RPSA19 - COLMAR - Trans GBU master data maintenance	Z_IP_007	\$V_C_FAMINPR_32	\$V_C_BFCA_4_32	All	\$V_C_PLA NT_32	<a href="#">See provider sheet</a>	\$V_C_AUTHM A_32
ZR_RCS_P S_A20	RPSA20 - COLMAR - Data online entry - Data scope	Z_IP_001	All	All	All	All		All
ZBI_RCS_C O_A21	CBS Project costs Reporting Analysis - End User role	ZBI_CB S_PC	All	All	All	All	AREA_F_CO CBS_PS	
ZBI_RCS_P S_A02	Project Costs and Structures Analysis - End User role	ZBI_PS	N/A	N/A	All	All	CUB_WBS6 AREA_PSCO	

The application role will use class (user exit) to get the perimeter value of authorization objects, which get value from DSO DPIPCO15. This DSO is updated in Colmar Portal by Francois.

The application role will use class (user exit) to get the perimeter value of authorization objects, which get value from DSO DPIPCO15. This DSO is updated in Colmar Portal by Francois.

Variable detail gets from SM30 - ZBIU001\_V\_VAR  
Display class = SE24 - ZCL\_BIU001\_COLMAR\_AUTH.

A New Variable V\_C\_AUTHMA\_39 to extract the User specific authorisations ECO/SCO from the DSO DPIPCO15. This variable is visible for User to modify and input values on authorisation

scope (ECO/SCO). This will help users to restrict the data in queries BW\_QRY\_MVIPCO02\_0001 and BW\_COLMAR\_MVIPCO17\_0001.

Colmar rights

Append Row	Delete Row	Duplicate line(s)	Plant	Plant Zone	Intermediate Approver	Intermediate Amount	Family Inv. project	Perform/Invest type	Final Approver	Final Amount	Display	Flag Active (Y/N)
			NOVECARE	0214 - 6666 Oldbury	All	No	0 All	ALL	No	0	Read Only	Activate

Table: /BIC/ADPIPICO1500

/BIC/C_COLUSER	/BIC/C_BFCA_4	/BIC/C_ZONE	LOGSYS	/BIC/C_PLANT	/BIC/C_FAMINPR	/BIC/C_PERF_IT	/BIC/C_VAL_DOM	/BIC/C_APPLVL	RECORDMODE	/BIC/C_DISPLAY	/BIC/C_FLAGACT	/BIC/K_AUTAEUR
TH30085	CS	WP1_400	0214	ALL	NONE				DISPLAY	Y		0.00

However, the normal perimeter roles such as Plant if it is assigned to a Colmar user as well, it will combine the access with the DSO DPIPCO15

For example, user KLMLUNG has authorization only for Novecare GBU and 2 plants 0263 and 0269 in the DPIPCO15 but he also have role ZR\_RCS\_CA\_P02 to access all plants

Display Users

User: KAMLUNG

Changed By: RFC\_IDM8 | 10.02.2023 | 07:00:02 | Status: Saved

Role Assignments

Status	Role	Ty...	Start Date	End Date	Short Role Description	Indir...
	ZC_RCS_COL_C06		04.10.2018	31.12.9999	COLMAR - Forecaster	=
	ZR_RCS_CA_P02		01.02.2014	31.12.9999	Plant Analysis - All Plants	=

Table: /BIC/ADPIPICO1500

/BIC/C_COLUSER	/BIC/C_BFCA_4	/BIC/C_ZONE	LOGSYS	/BIC/C_PLANT	/BIC/C_FAMINPR	/BIC/C_PERF_IT
KAMLUNG	CS	WP1_400	0263	ALL		
KAMLUNG	CS	WP1_400	0269	ALL		

As a result of this, he can access all plants with in Novecare GBU (CS) for BW query but this user can see the project only 2 plants in the Colmar portal

Query BW COLMAR - Forecast Data (Core Query)

Variables Refresh Swap Axes Documents Conditions Exceptions Dynamic Selections Bookmark

BFC GBU	Plant	Project Bundle	PS Project ID	Company code	Family Inv. p
NOVECARE	WP1_400/0214 6068 Oldbury	PRJ0062922 NAS8 Test Equipment	OLT/C17765 NAS8 Test Equipment	WP1_400/6068	Regular
		PRJ0073562 OLDBURY 2019 MINING CAPACITY	OLT/R19802 OLDBURY 2019 MINING CAPACITY	WP1_400/6068	Regular
		PRJ0073563 OLDBURY 2019 MINING STRATEGIC	OLT/R19803 OLDBURY 2019 MINING STRATEGIC	WP1_400/6068	Regular
		PRJ0073663 OLDBURY 2019 PS CAPACITY	OLT/R19804 OLDBURY 2019 PS CAPACITY	WP1_400/6068	Regular
		PRJ0073664 OLDBURY 2019 HSE	OLT/R19800 OLDBURY 2019 HSE	WP1_400/6068	Regular
		PRJ0073665 OLDBURY 2019 MOB	OLT/R19801 OLDBURY 2019 MOB	WP1_400/6068	Regular
		PRJ0073666 OLDBURY 2019 PS STRATEGIC	OLT/R19805 OLDBURY 2019 PS STRATEGIC	WP1_400/6068	Regular
		PRJ0073688 REACH 2019	OLT/R19900 REACH 2019	WP1_400/6068	Regular
	WP1_400/0215 6068 / Watford	PRJ0049257 Cocoamine Oxyde - Reach	RA.003243.NOV-C Cocoamine Oxyde - Reach	WP1_400/6068	REGAFFAIRS
		PRJ0049288 Duraphos OAP - (Octyl Acid Phos) - Reach	RA.000923.NOV-C Duraphos OAP - (Octyl Acid Phos) - Reach	WP1_400/6068	REGAFFAIRS
		PRJ0049291 Rhodiasolv ADMA 810 - Reach	RA.003084.NOV-C Rhodiasolv ADMA 810 - Reach	WP1_400/6068	REGAFFAIRS
		PRJ0049292 TMAC (Fentacare T31) - Reach	RA.003507.NOV-C TMAC (Fentacare T31) - Reach	WP1_400/6068	REGAFFAIRS
		PRJ0049297 C18 unstd AAPB - Reach	RA.018302.NOV-C C18 unstd AAPB - Reach	WP1_400/6068	REGAFFAIRS
		PRJ0049298 Glycol mono & di stearate - Reach	RA.060040.NOV-C Glycol mono & di stearate - Reach	WP1_400/6068	REGAFFAIRS

## DataFlow

### Overview

The differents providers are loaded with webdynpros:

### Objective of the application

COLMAR = **C** apex **O** verall **L** ifecycle **M** anagement **A** pprovals and **R** eporting

COLMAR is a tool to follow and forecast industrial projects for all GBU.

Tool Leader + IT leader of the application: [francois.carette@solvay.com](mailto:francois.carette@solvay.com)

### Main functionalities

Documentation here

[https://drive.google.com/drive/folders/1SvrJBD9ZKyKZm9rKjmiNM0Q\\_4ld44f6G](https://drive.google.com/drive/folders/1SvrJBD9ZKyKZm9rKjmiNM0Q_4ld44f6G)

<https://sites.google.com/a/solvay.com/colmar/home>

### Technical Rules on Workbench

Explanation for the process on the technical side. Can be specific cases or general rules depending on the scope.

### Reporting

#### Main queries

Query	Description
BW_QRY_MVIPCO02_0001	Mass Upload - Transactional data
BW_QRY_MVIPCO02_0003	COLMAR - Family of Inv Proj. - List - Mass upload
BW_QRY_MVIPCO03_0004	Forecasts - Summary data

BW_QRY_MVIPCO03_0001	Forecasts follow up
BW_QRY_MVIPCO03_0002	Project exeeding auth. Amount
BW_QRY_MVIPCO03_0003	Actual CAPSPEND - CAPEX detail
BW_QRY_MVIPCO03_0005	Quarterly switch control
BW_QRY_MVIPCO03_0007	Reporting - Company Currency
BW_QRY_MVIPCO03_0008	Forecast version comparison VS active
BW_QRY_MVIPCO03_0009	Reporting - Euro
BW_QRY_MVIPCO03_0010	Reporting - Company Code JV
BW_QRY_MVIPCO03_0011	Reporting - Euro JV
BW_QRY_MVIPCO03_0013	COLMAR - CAPSPEND Follow Up
BW_QRY_MVIPCO03_0014	COLMAR - CAPEX Follow Up
BW_QRY_MVIPCO03_0012	COLMAR - Auth. Amount Follow Up
BW_QRY_MVIPCO03_0015	Check Actual for Non PS project
BW_QRY_MVIPCO10_0001	COLMAR Plant List
BW_QRY_MVIPCO04_0001	BFC Activity 1 - list - mass upload
BW_QRY_MVIPCO04_0002	BFC Activity 2 - list - mass upload
BW_QRY_MVIPCO04_0003	Sub Axis 1 - list - mass upload
BW_QRY_MVIPCO04_0004	Sub Axis 2 - list - mass upload
BW_QRY_MVIPCO04_005	COLMAR - Plant/BFC/Valstream/logsys - list
BW_QRY_MVIPCO04_006	COLMAR - Plant/BFC/Valstream/logsys - list2
BW_QRY_MVIPCO04_007	COLMAR - Value Stream - list
BW_QRY_MVIPCO08_0001	COLMAR : Projects not saved nor validated on active version
BW_QRY_MVIPCO08_0002	COLMAR : Projects not saved nor validated on active version
BW_QRY_MVIPCO12_0001	Plant Enveloppe definition
BW_QRY_MVIPCO11_0002	GBU Enveloppe follow up
BW_QRY_MVIPCO11_0001	Plant Enveloppe follow up - Company Curr - Not JV
BW_QRY_MVIPCO11_0004	Plant Enveloppe follow up -EUR - not JV
BW_QRY_MVIPCO11_0005	Plant Enveloppe follow up -EUR - JV
BW_QRY_MVIPCO11_0003	Plant Enveloppe follow up - Company Curr - JV
BW_QRY_MVIPCO13_0001	COLMAR - Family Of Inv. Project
BW_QRY_MVIPCO14_0001	COLMAR - Budget version creation control
BW_QRY_MVIPCO04_0011	BW - COLMAR - Plant/BFC/Valstream/logsys - list (Core Query)
BW_QRY_MVIPCO04_0012	BW - COLMAR - Plant/BFC/Valstream/logsys - list2 (Core Query)
BW_QRY_MVIPCO04_0013	BW - COLMAR - Value Stream - list (Core Query)
BW_COLMAR_MVIPCO17_0001	BW COLMAR - Forecast Data (Core Query)
BW_COLMAR_MVIPCO17_0006	BW - COMAR - PS Project Creation (Core Query)
BW_COLMAR_MVIPCO17_0007	BW COLMAR - CarryOver (Core Query)
BW_QRY_MVIPCO04_0015	BW - COLMAR - Plant/BFC/Valstream/logsys - list4 (Core Query)
BW_QRY_MVIPCO04_0014	BW - COLMAR - Plant/BFC/Valstream/logsys - list3 (Core Query)
BW_COLMAR_MVIPCO17_0008	BW - COLMAR - PS Project Status Update (Core Query)
BW_COLMAR_MVIPCO17_0009	BW - COLMAR - PS Project Budget Update (Core Query)

BW_COLMAR_MVIPCO17_0005	BW COLMAR - Forecast Data (Core Query) with validation filte
F_MVIPCO19_001	COLMAR Forecast Data Entry
BW_QRY_MVIPCO19_0001	Forecasts - Summary data

It is in menu role ZR\_RCS\_CA\_M44:

## Broadcast

There are some broadcasting as well but it is out of scope of BW support. The broadcasting is manage directly by Francois.

## Dependencies with other applications

*We should have the information where the application is sending or receiving information (e.g. APD open hub)*

## Data Loading

### Info Providers and objects loaded

*Detail of process chain, list + link between or special event done for the loading*

Main Process Chain	Final Provider Loading	Frequency	Time start	Duration
META - D - COLMAR Daily loads  PC_COLMAR_05	Meta chain for PC_COLMAR_01 PC_COLMAR_04 PC_COLMAR_09 PC_COLMAR_02	Daily	Arround 3 am	2 hours
TD - D - Daily backup of IP cubes  PC_COLMAR_02	DPIPCO24 DPIPCO23 DPIPCO27 DPIPCO22 DPIPCO21 CRIPCO05 CRIPCO04	Daily	Arround 4:40 am	10 mins
TD - D - Actual loading  PC_COLMAR_01	C_INV_PR DPIPCO16 DPIPCO20 APIPCO34 DPIPCO06 ABIPCO01 CRIPCO03	Daily	Arround 3:10 am	30 mins
TD - D - COLMAR Mass realignment  PC_COLMAR_04	CRIPCO11	Daily	Arround 4:50 am	25 mins
TD - D - CRIPCO10 loading  PC_COLMAR_09	CRIPCO10	Daily	Arround 4:40 am	3 mins

## Data Quality Control

# Operational Documentation

## Procedures

<Describe the recurring procedures needed to operate the application (eg. start/pause/terminate/restart the app processes, data preparation, data ingestion, ETL, data visualization, data export, other manual activities)>

## Scheduling

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

## Monitoring

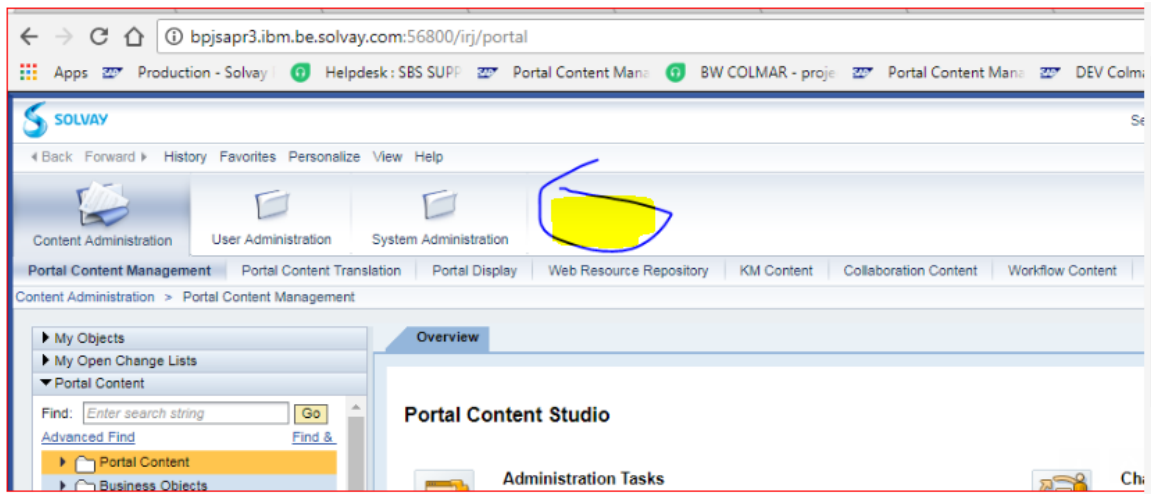
<Describe the monitoring checks to confirm the application is performing well (eg. check the overall status, check performance metrics like runtime /data volume/memory/disk/CPU, maintain and react to alerts/notifications)>

## Error Handling

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

## Known Bugs

### - Colmar Folder missing in Portal WBP (BPJ)



the errors we found on [BPJ portal server](#) , were indicating problem in the backend system (WBP). Sometimes when there are temporary bottlenecks/freezes on the backend, the connection from the portal gets lost, and it's necessary to restart the portal.

==> **contact** : Benelux MIM Support <bmimsupp@in.ibm.com> , CSC Belgium <CSCBE@be.ibm.com> ,

==> **solution** : restart BPJ

## Roadmap

<List past & future evolutions for the application (including links to MED/FSD/TSD)>