

# BW OTC - IM Stocks (WBP) (PF1 Flow)

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## General presentation

### Objective of the application

Track the level of stock and movement in quantity and values (grouped by family : sales, production, purchasing, ...) at a daily or monthly level per material /plant . This infoprovider MVMMIC01 will be the new stock report in the future since it contain the new objects like C\_MATNR2, which has source system combination. The target will be combine Rhodia stock data (WP1) at the multi-provider. However, at the moment, we still have only Solvay legacy data (PF1)

There are 2 mains stocks area in **Solvay Legacy**, which are:

1. Solvay Stocks and Movements -finished goods -daily: MVMMIC01
2. Material Valuation - Period Ending Inventory: MVMMIC02

### Usage information

Around 80 worldwide users and running the reports around 80 times per month.

## Roles & Access

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

Role Code	Role Description	Explanation
ZR_RCS_CA_M03	IM Stocks	Menu role
ZR_RCS_IM_A01	Stock Analysis - Super User Role	Should no longer be given - Gives user access to query creation on area AREA_MD, AREA_MMIC
ZR_RCS_IM_A02	Stock Analysis - End User Role	Gives user access to queries on area AREA_MD, AREA_MMIC
ZR_RCS_IM_A03	Stock Analysis - Key User Role	Gives user access to queries on area AREA_MD, AREA_MMIC + Access to add/remove items from menu ZR_RCS_CA_M03

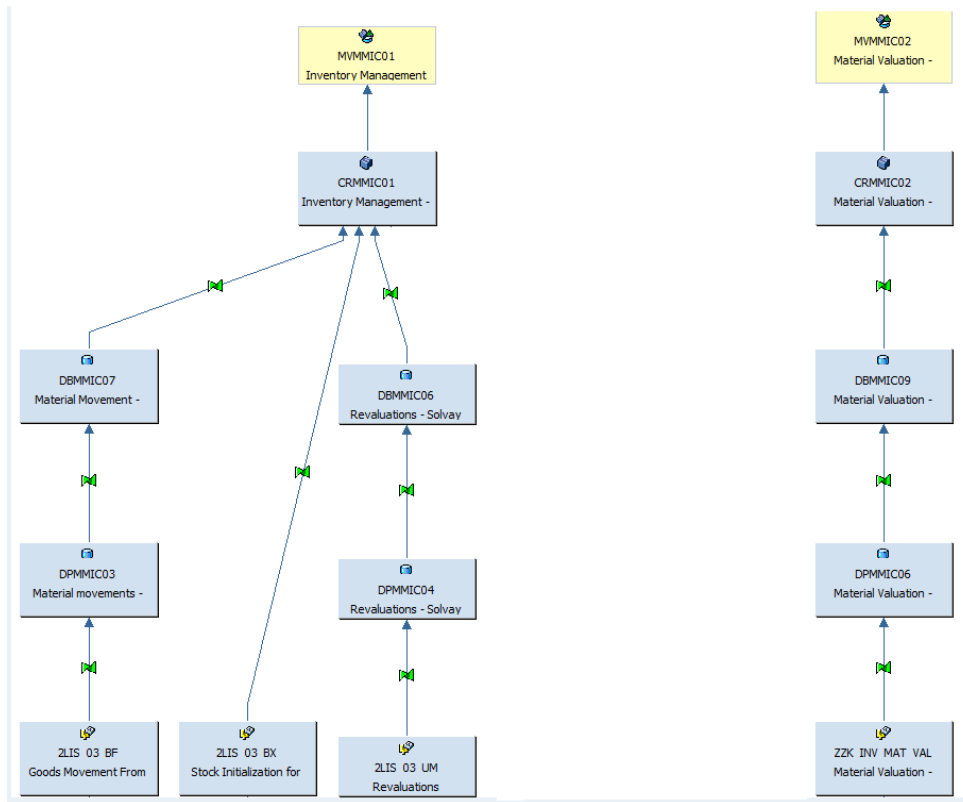
## Authorization objects

List of authorization objects mandatory for the application.

Authorization object	Explanation
Company Code	Company of the plant which holds the material

# Dataflow presentation

## Overview



## Functional and Technical rules on Workbench + Reporting

- Material stocks/movements (valuated): [CRMMIC01](#)
- Material Valuation - Period Ending Inventory: [CRMMIC02](#)

## Data loading

CRMMIC01 has 3 standard datasource loading

1. 2LIS\_03\_BX initial opening stock level. Run only 1 time on 15 Oct 2017 (05:44 AM CET)
2. 2LIS\_03\_BF movement document. Load movement stock data
3. 2LIS\_03\_UM revaluation to adjust amount of the stock.

CRMMIC02 has 1 customized datasource

1. Data source ZKZ\_INV\_MAT\_VAL is created by [nuno.godinho-ex@solvay.com](mailto:nuno.godinho-ex@solvay.com)

## Loading frequency

The stock level / stock movements part of the flow follows the [D4 frequently loaded data schedule](#). (it is under PC RCP\_MMIC)

There are 2 main process chains that load the stock cubes, which are

CRMMIC01

1. Normal time on PC RCP\_MMIC - 03a IC Complete Transactional (3 times / day)
2. Extra time on PC FI\_IC\_DELTA\_EXTR\_HOURLY - 03b IC Minimum Transactional (additional 3 time / day)

CRMMIC02

1. PC\_IM\_04 is trigger by RSP\_DAILY and this PC will be executed only on the 3th working day to 7th working day (by method WORKINGDAY\_MONTH with factory calendar ID = 50). It would take 7 hours for loading

# Reporting

## Queries Documentation or user guide

- Material stocks/movements (valuated): [CRMMIC01](#)
- Material Valuation - Period Ending Inventory: [CRMMIC02](#)

## Main queries

All queries are migrated from PQ1 queries by following mapping

PQ1 Query		WBQ Query			
Technical Query Name	Query Name	Technical Query Name	Query Name	Filter	
ZZMIC_C01_CORE_AL L_001	Material Valuation - Period Ending Inventory (KG)	BW_QRY_MVMMI C02_0001	Material Valuation - Period Ending Inventory (Core Query)		
ZZMIC_C01_CORE_AL L_002	Material Valuation - Period Ending Inventory Reporting Unit	BW_QRY_MVMMI C02_0002	Material Valuation - Period Ending Inventory in RU (Core Query)		
BW_QRY_ZZMIC_C01_0001	BW - Query for stock control (MB5L) - C01	BW_QRY_MVMMI C01_0003	BW - Inventory Management - Stock Movement (Core Query)		
ZZMIC_NEW_ALL_001	DO_NOT_USE_THIS_QUERY_0				
REP_20140924100332	Material stocks/movements (valuated)				
ZZVES54_CORE_001	CORE_ALL_STOCK (MONTHLY)				
ZZVES54_FLUORES_FR_001	FLUORES FR ALL Stock Management (monthly)				
ZZVES55_CORE_ALL_001	CORE_ALL - Stock per plant/division/material				
ZZVES55_SODA_FM_001	SODA_FM_Stock all plants				
ZZVES55_SVIN_FM_BW050	SVIN_FM_BW050_Production Daily/Plant /material				
ZZVES55_SVIN_FM_BW060	SVIN_FM_BW060_Production Daily/Plant /material - All keyfigure				
ZZVES55_H2O2_FM_001	H2O2_FM_Stock all plants				
ZZVES55_CORE_ALL_001	CORE_ALL - Stock per plant/division/material				
ZZMIC_NEW_SNAPSH OT	Stock movement snap shot				
ZZVES55_TECH_ALL_001	TECH - Stock per plant/division/material				
ZZMIC_NEW_TECH1	TECH - value and qty for K stock - do not use				
ZZVES56_ALL_002	STOCKS ALL NEW P3M				Mat type = Z700, Z701,Z707
ZZVES56_ALL_003	STOCKS transaction ALL				
ZZVES56_ALL_PLANT	STOCKS PLANT				
ZZVES56_ALL_005	STOCKS ALL MONTHLY EVOLUTION				
ZZVES55_SIRIUS_001	SIRIUS_Production Follow_up			BW_QRY_MVMMI C01_0004	
ZZVES55_SIRIUS_001_GRP	SIRIUS_Production Follow_up (by Group)			BW_QRY_MVMMI C01_0004	BW - Inventory Management - SIRIUS Production Follow up(Core)
ZZVES55_SIRIUS_SOD A_FM_001	SIRIUS_SODA_Sales&Stock	BW_QRY_MVMMI C01_0005	BW - Inventory Management - SIRIUS Soda Sales&Stock (Core Query)		
		BW_QRY_MVMMI C01_0001	<a href="#">BW - Physical inventory coverage - Solvay</a>	New for Solvay legacy	

## Main fonctionnalités

[Key Figures Meaning](#) of inventory movement MVMMIC01

## Broadcast

None

## Maintenance

None

## Planned Evolution

This multi-provider will be used for the next evolution to combine Rhodia legacy to combine in order to have both legacy in the same report and definition.