

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

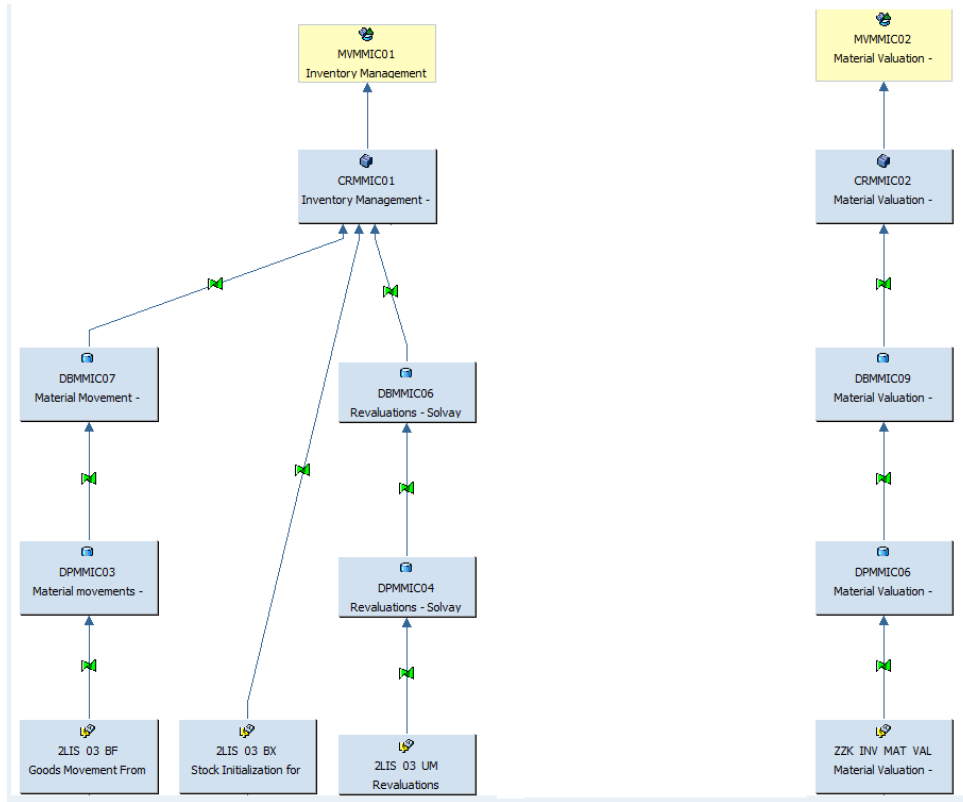
Authorization objects

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

- 2LIS_03_BX initial opening stock level. Run only 1 time on 15 Oct 2017 (05:44 AM CET)
- 2LIS_03_BF movement document. Load movement stock data
- 2LIS_03_UM revaluation to adjust amount of the stock.

CRMMIC02 has 1 customized datasource

- Data source ZZK_INV_MAT_VAL is created by 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

- Normal time on PC RCP_MMIC - 03a IC Complete Transactional (3 times / day)
- Extra time on PC FI_IC_DELTA_EXTR_HOURLY - 03b IC Minimum Transactional (additional 3 time / day)

CRMMIC02

- 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_SNAPSHOT	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	BW - Inventory Management - SIRIUS Production Follow up(Core)	
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_SODA_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	BW - Physical inventory coverage - Solvay	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.