BW RTR - Logistic Inventory at Integrated Cost

Access Management

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_M64	IMWC - Inventory at Integrated Cost	Role menu
ZBI_RCS_FI_A36	IMWC – Inventory at Integrated Cost - End User role	Application Role: • End User rights • gives access to infoproviders of Infoarea "IA_FMCO_FIWC_IM*" • BI Analysis Authorization "ZBI_IMWC" ("*" for authorization objects not relevant for the application)

Authorization Objects

List of authorization objects mandatory for the application.

Authorization object	Explanation
0COMP_CODE__C_AUTHMA	ZR_*_CA_P00
CPFCTR1_2	ZR_*_CA_P05
0COMP_CODE	ZR_*_CA_P01

Link to the BW Catalog of role

https://drive.google.com/open?id=10GEfKYqrT1eeTO_uHYAheL1GX7L5y_pvH0KQU64qh5I

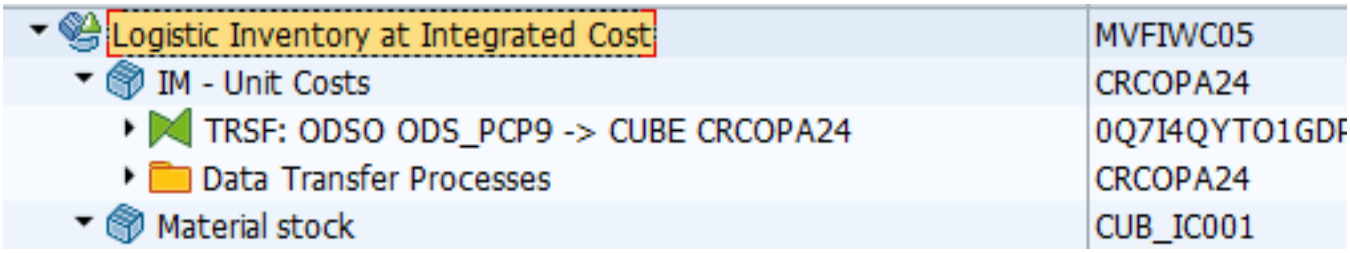
Dataflow

Overview

Reporting documentation drive folder:

BW folder : https://drive.google.com/drive/folders/15FU8y_yH5SZGRnDAjyRWUeYrbsUrixET

Dataflow :



General presentation

Objective of the application

The aim of this application is to provide logistic inventories valuated with Integrated Margin cost unit (IMc)

The general idea is to have a report similar to "Inventory aging report " (BW_QRY_MPR_IC001_0001) but has quantities valuated at IM unit cost.

The application owner is Rosario Sevilla
The reporting coordinator is Charlotte Rollier.

Usage information

History

This application was created in 2018, requested by Technology Solution.

Technical Rules on Workbench

The solution is a multiprovider between Material stock WP1 cube and IM Cost unit cube.

Material stock - CUB_IC001: not complex rules in DSO associated.

- Transformation: ODS_IC02 -> CUB_IC001: "stock" key figure are defined to 0.

IM - Unit Costs - CRCOPA24:

- ODS_PCP4 transformations explanations here: IM - Transformations rules
- ODS_PCP9
    - TRSF: ODSO ODS_PCP4 -> ODSO ODS_PCP9
        - Start routine: define logsys with module function Z_WBW_SOURCE_SYSTEM for RCS landscape. + load in internal table master data c_plant (fields logsys, plant, c_authma, c_compcde).
        - Field routine: Define logsys.
        - End routine: Read internal table plant to define C_AUTHMA, C_COMPCDE and COMP_CODE.

Reporting

Main queries

- BW_QRY_MVFIWC05_0001: Inventory report at integrated costs (Core Query)

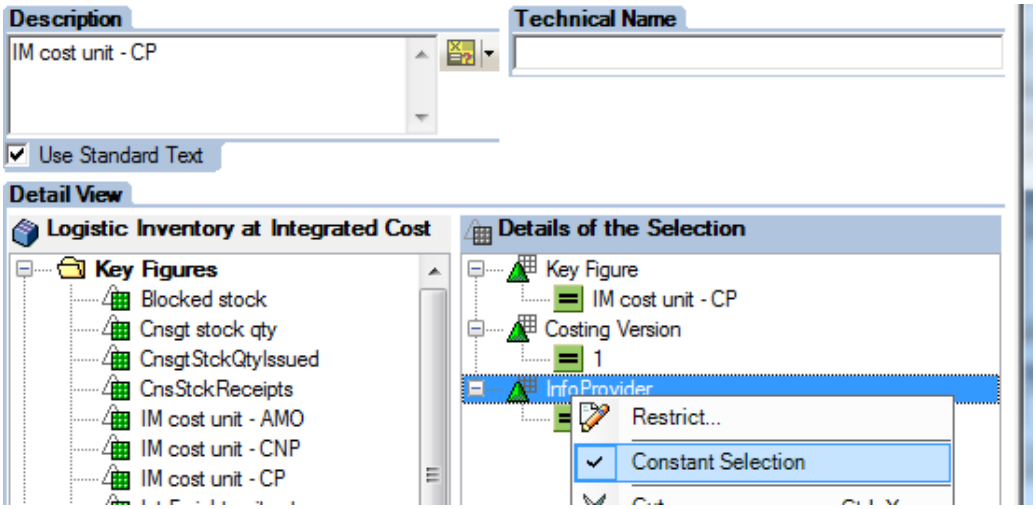
  Conversion of currrency is using the conversion type CTK_ZRH2EM (Exchange rate ZRH2 with time ref = End of month)

  Conversion of unit is done using the conversion type QCT_CMATNR (using T006 if available otherwise C_MATNR).
  => as the conversion is base don c_matnr and no c_matnr2, the conversion DSO is not the same: UOMC_MAT instead of UOMCMAT2 => VKG and VTN conversions are not generated as it is in DSO UOMCMAT2.

Main functionalities

No exception aggregation is used to valuate the quantities, so it is important to keep the characteristics Plant and Material in the queries in order to be able to valuate the stock

Constant Selection on infoprovider "CRCOPA24" is set on IM cost unit key figures in order to ignore selections on characteristics that are not in the IM cost unit infoprovider.



Dependencies with other applications

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

Data loadings

Info providers and objects loaded

Main Process Chain	Final Provider Loading	Frequency	Time start	Duration
PC_COPA_PL_39 IM: TD Unit Costs	ODS_PCP9 & CRCOPA24	Daily	4 am	2 mins
FI_IC_DELTA_EXTR_HOURLY 03b IC Minimun Transactional	CUB_IC01	Daily not weekend	12:20 pm 6: 20 pm	10 mins
RCP_MMIC 03a IC Complete Transactional	CUB_IC01	Daily	6:25 am	5 mins

Data Quality Control

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

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

<List the existing bugs, its criticity, workarounds and resolution plan.>

Roadmap

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