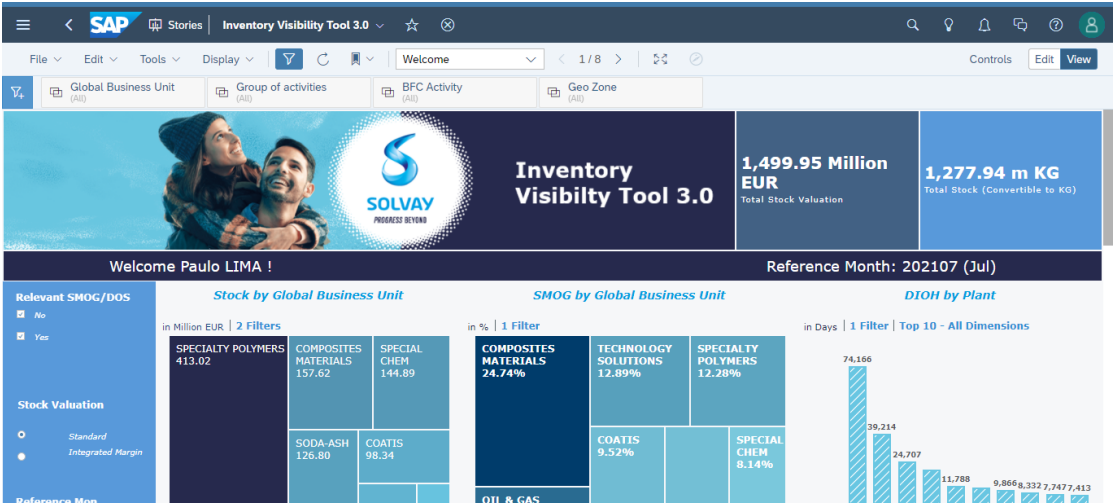


SAC IM

General presentation

Objective of the application

Dashboard responsible to provide Inventory Management analysis.



Usage information

Around 200 worldwide users.

Roles & Access

The SAC Models are prepared to restrict the user access by Global Business Unit (GBU), but it was decided to give the users plenty access currently:

Team	Team Description	Explanation
SD_VIEWER	SD Viewer	SAC Team

Note: Once the authorization police changes, new teams (GBU based) should be created and SD_VIEWER replaced.

Authorization objects

List of authorization objects mandatory for the application.

Authorization object	Explanation
SAP_IM_GBU	Dimension for Global Business Unit

Current Authority definition:

SAP_IM_GBU				
	Member ID	Description	Read	Write
1	#	Not assigned		
2	CH	SPECIAL CHEM	TEAM:SD_VIEWER;	TEAM:SD_MODELER
3	CM	COMPOSITES MATERIA...	TEAM:SD_VIEWER;	TEAM:SD_MODELER
4	CS	NOVE CARE	TEAM:SD_VIEWER;	TEAM:SD_MODELER
5	CT	COATIS	TEAM:SD_VIEWER;	TEAM:SD_MODELER
6	OG	OIL & GAS	TEAM:SD_VIEWER;	TEAM:SD_MODELER
7	PA	AROMA PERFORMANCE	TEAM:SD_VIEWER;	TEAM:SD_MODELER
8	PE	PEROXIDES	TEAM:SD_VIEWER;	TEAM:SD_MODELER
9	SD	SODA-ASH	TEAM:SD_VIEWER;	TEAM:SD_MODELER
10	SI	SILICA	TEAM:SD_VIEWER;	TEAM:SD_MODELER
11	SP	SPECIALTY POLYMERS	TEAM:SD_VIEWER;	TEAM:SD_MODELER
12	TS	TECHNOLOGY SOLUTI...	TEAM:SD_VIEWER;	TEAM:SD_MODELER
13				

Dataflow presentation

Overview

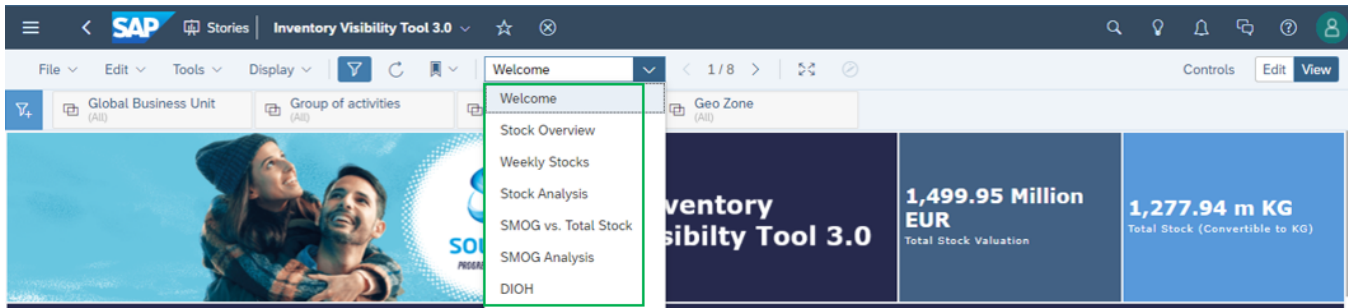
The dashboard **Inventory Visibility Tool 2.0** was built in SAP Analytics Cloud, the data is imported from SAP BW in three different models in SAC:

- MM-IM Total Stock (Detail) - *Source BW Query SAC_BW_QRY_CPMIM01_0001 (Historical))and SAC_BW_QRY_CPMIM01_0002*
- MM-IM SMOG (Detail) - *Source BW Query SAC_BW_QRY_CPMIM02_0003*
- MM-IM SMOG x Stock - *Source BW Query SAC_BW_QRY_CPMIM02_0004*
- FI-WC DOS Inventory x Sales - *Source BW Query SAC_BW_QRY_MVFIWC01_0002*
- FI-WC Working Capital Inventory - *Source BW Query SAC_BW_QRY_CPFIFWC04_0001*
- MM-IM Weekly Stocks - *Source BW Query SAC_BW_QRY_CPMIM01_0001 and SAC_BW_QRY_MVFIWC01_0002*
- MM-IM Anticipation - *Source SMOG: SAC_BW_QRY_CPMIM02_0005, Under Observation: SAC_BW_QRY_CPMIM01_0003 (Obsolete) and SAC_BW_QRY_CPMIM01_0004 (Slow Moving)*
 - Import Transformation: Dimension Type of Observation forced to **OBS** for the Obsolete load and **SM** for the Slow Moving;
 - Exclude records where the Dimension Batch Aging has value Zero (not Under Observation).
- MM-IM DIOH - *Source BW Query SAC_BW_QRY_CPMIM01_0005 and Source BW Query SAC_BW_QRY_CPMIM01_0006 (Historical)*

SAC Production: https://solvaysa.eu10.hcs.cloud.sap/sap/fpa/ui/tenants/12b3c/app.html#;view_id=home
 Direct link for this dashboard: <https://solvaysa.eu10.hcs.cloud.sap/sap/fpa/ui/tenants/12b3c/app.html#/story&/s/A067F307F32E198C9978416A0ABE989C/?resourceType=STORY&mode=view>

Dashboard Details

The dashboard contains nine tabs to split the data analysis between the models as follow:



Tab Name	Source SAC Model	SAC Measures
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Welcome	MM-IM Total Stock (Detail)	Standard Value Total Stock (EUR)
	MM-IM SMOG (Detail)	Integrated Margin Integrated Margin
	MM-IM DIOH	SMOG as % of Total Stock Value Standard / Values (Stock)
		SMOG as % of Total Stock Value Integrated Margin Integrated Margin / Integrated Value (Stock)
		DIOH Quantity (AVG) DIOH Quantity with Average configuration and aggregated by GBU, Plant and Material
Stock Overview	MM-IM Total Stock (Detail)	Standard Value Total Stock (EUR) Integrated Margin Integrated Margin
Stock Analysis	MM-IM Total Stock (Detail)	Standard Value Total Stock (EUR) Integrated Margin Integrated Margin
Stock Details (Jump)	MM-IM Total Stock (Detail)	Standard Value Total Stock (EUR) Integrated Margin Integrated Margin
SMOG vs. Total Stock	MM-IM SMOG x Stock	SMOG as % of Total Stock Value Standard / Values (Stock) SMOG as % of Total Stock Value Integrated Margin Integrated Margin / Integrated Value (Stock)
SMOG Analysis	MM-IM SMOG (Detail)	SMOG IN - SMOG with Operation FIRST
	MM-IM Anticipation	SMOG END - SMOG with Operation LAST
SMOG Details (Jump)	MM-IM Anticipation	N/A
DIOH	MM-IM DIOH	DIOH Quantity (AVG) DIOH Quantity with Average configuration and aggregated by GBU, Plant and Material
Glossary	N/A	N/A

Loading Frequency

- Weekly for STOCK, every Tuesday morning.
- Monthly for SMOG, 3rd day of following month.

Note: Due the high volume of data, the Import Jobs are broken by GBU:

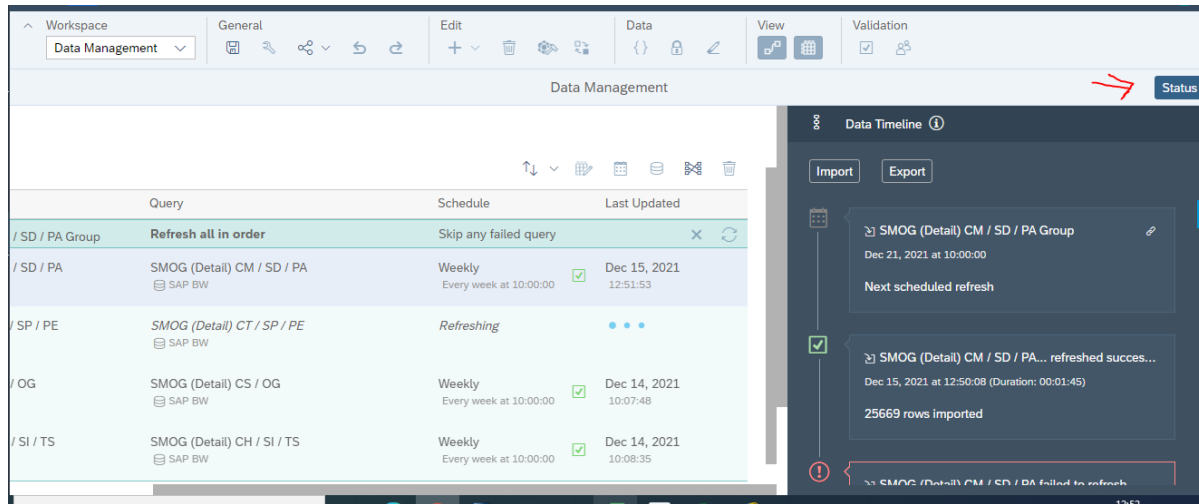
Files / MM-IM Total Stock (Detail)			
Model Data Management		General	Edit Data
Data Management			
☐	Total Stock Detail (Historical) - SP	Total Stock Detail (Historical) - SP	Unscheduled
Total Stock Detail (Delta) - TS / PE / ...		Refresh all in order	Skip any failed query
☐	Total Stock Detail (Delta) - TS / PE / ...	Total Stock Detail (Delta) - TS / PE / PA	Weekly Every week at 8:00:00
☐	Total Stock Detail (Delta) - CH / SI	Total Stock Detail (Delta) - CH / SI	Weekly Every week at 8:00:00
☐	Total Stock Detail (Delta) - SP	Total Stock Detail (Delta) - SP	Weekly Every week at 8:00:00
☐	Total Stock Detail (Delta) - CM / SD	Total Stock Detail (Delta) - CM / SD	Weekly Every week at 8:00:00
☐	Total Stock Detail (Delta) - CT	Total Stock Detail (Delta) - CT	Weekly Every week at 8:00:00

Troubleshooting

- In case of failure, the job reports the error by the icon below and in the right corner is possible to resume from the job in error or repeat all.

MM-IM: Weekly - TS / SP Group		Refresh all in order	Stop if any query fails	
☐	MM-IM: Weekly - TS / SP	MM-IM: Weekly - TS / SP SAP BW	Weekly Every week at 8:00:00	
☐	MM-IM: Weekly - CH / SI / CT	MM-IM: Weekly - CH / SI / CT SAP BW	Weekly Every week at 8:00:00	
☐	MM-IM: Weekly - CS / OG / PA...	MM-IM: Weekly - CS / OG / PA / PE SAP BW	Weekly Every week at 8:00:00	
☐	MM-IM: Weekly - CM / SD	MM-IM: Weekly - CM / SD SAP BW	Weekly Every week at 8:00:00	

- The status button provides extra clarifications of the reason for errors if persists after first action, if no roll memory (select the job and try to reduce the data scope by edit query); in case of missing fields in the agent, the action to be done is recreate the job using as reference other existent job).



Note: Due the high volume of data, the Import Jobs are broken by GBU:

Files / MM-IM Total Stock (Detail)		
Model	Data Management	
Data Management		
☐	Total Stock Detail (historical Z) - SP	Total Stock Detail (historical Z) - SP SAP BW Unscheduled
☐	Total Stock Detail (Delta) - TS / PE / ...	Total Stock Detail (Delta) - TS / PE / PA SAP BW Weekly Every week at 8:00:00
☐	Total Stock Detail (Delta) - CH / SI	Total Stock Detail (Delta) - CH / SI SAP BW Weekly Every week at 8:00:00
☐	Total Stock Detail (Delta) - SP	Total Stock Detail (Delta) - SP SAP BW Weekly Every week at 8:00:00
☐	Total Stock Detail (Delta) - CM / SD	Total Stock Detail (Delta) - CM / SD SAP BW Weekly Every week at 8:00:00
☐	Total Stock Detail (Delta) - CT	Total Stock Detail (Delta) - CT SAP BW Weekly Every week at 8:00:00

SAC Folders

Object	Description	SAC Folder	Object Type	Load Frequency	Filter
MM-IM Total Stock (Detail)	SAC_BW_QRY_CPMIM01_0001	/Public/02_SD /Models/Import	Model	Weekly (Tuesday)	Jobs per GBU Calmonth (previous and current month)
MM-IM SMOG x Stock	SAC_BW_QRY_CPIMMM02_0004	/Public/02_SD /Models/Import	Model	Monthly (3rd)	Calmonth (last 12 months)

MM-IM SMOG (Detail)	SAC_BW_QRY_CPIMMM02_0003	/Public/02_SD /Models/Import	Model	Monthly (3rd)	Calmonth (last 12 months)
MM-IM Weekly Stocks	SAC_BW_QRY_CPMIM01_0001	/Public/02_SD /Models/Import	Model	Weekly (Tuesday)	Jobs per GBU Calmonth (previous and current month)
MM-IM Anticipation	SAC_BW_QRY_CPMIM01_0003 SAC_BW_QRY_CPMIM02_0005 SAC_BW_QRY_CPIMMM01_0004 SAC_BW_QRY_CPIMMM01_0007	/Public/02_SD /Models/Import	Model	Monthly (3rd)	Calmonth (last 12 months)
MM-IM DIOH	SAC_BW_QRY_CPMIM01_0005	/Public/02_SD /Models/Import	Model	Monthly (3rd)	Calmonth (last month)
MM-IM DIOH (Plant)	SAC_BW_QRY_CPMIM01_0005	/Public/02_SD /Models/Import	Model	Monthly (3rd)	Calmonth (last month)
Inventory Visibility Tool 3.0	Inventory Dashboard	/Public/02_SD	Story		
Stock Detail	Detailed report from stock with data explorer	/Public/02_SD	Story		
SMOG Detail	Detailed information for under observation and SMOG in the last day of previous month	/Public/02_SD	Story		

BW Documentation

[BW OTC - IM Stock](#)