

BW Industrial QM /!\ Obsolete /!\



The new wiki link for this data flow is here:

Technical Documentation - Quality Management Report

Please update the doc there and no longer here.



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General presentation

Objective of the application

The WBP BW QM application is created to follow

- the Quality Results for Shipment
- As source of MiniCus or MniTab application
- To follow the Limites, Quantitative and qualitative results of the Quality inspections.
- Statistical ratios and calculations on the quality inspections results

Usage information

Data from Statistics :

By Infoproviders :

	Calendar Year/Month	JAN 2016	FEB 2016	MAR 2016	APR 2016	MAY 2016	JUN 2016	Overall Result
InfoProviders Used		Query Access Counter	Query Access Counter	Query Access Counter	Query Access Counter	Query Access Counter	Query Access Counter	Query Access Counter
Overall Result		336	301	571	444	296	424	2 372
ODSO/A /ODS_QM09	Inspection Results:	290	238	463	405	256	365	2 017
MPRO/A /MPR_QM001	WBP_400/MPRO/A /MPR_QM001	33	22	67	26	25	25	198
ODSO/A /ODS_QM08	Inspection Results:	11	25	15	6	5	3	65
ODSO/A /ODS_QM02	Notification - Task		2	7	2	4	13	28

ODSO/A /ODS_QM06	Notification		2	6	2	4	9	23
ODSO/A /DSO_QM10	QM Preparation Trans	1	5	9	2	1	1	19
ODSO/A /DSO_QM11	QM Preparation Trans	1	3	1	1	1	2	9
ODSO/A /ODS_QM05	Notification - Item		0	2	0	0	5	7
ISSET/A /IFS_QMTR	QM x TR		4	1		0	1	6

By Queries :

	Calendar Year/Month	JAN 2016	FEB 2016	MAR 2016	APR 2016	MAY 2016	JUN 2016	Overall Result
Query		Query Access Counter	Query Access Counter	Query Access Counter	Query Access Counter	Query Access Counter	Query Access Counter	Query Access Counter
Overall Result		336	301	571	444	296	424	2 372
ELEM/A /BW_QRY_ODS_QM09_0005	BW - QM Results - Column (Core Query)	186	145	350	286	165	262	1 394
ELEM/A /BW_QRY_ODS_QM09_9000	QM - Inspection Results by Lot	58	58	87	85	67	52	407
ELEM/A /BW_QRY_ODS_QM09_0004	BW - QM Results (Core Query)	28	21	23	28	18	42	160
ELEM/A /BW_QRY_MPR_QM001_QVRC SKPI_0000	RCS QM KPI - Quality Results for Shipment (Core Query)	25	20	33	21	22	22	143
ELEM/A /BW_QRY_MPR_QM001_0001	BW - Quality Results for Deliveries (Core Query)	8	2	34	5	3	3	55
ELEM/A /BW_QRY_ODS_QM09_0002	BW - QM Statistics (Core Query)	16	13	0	5	4	8	46
ELEM/A /BW_QRY_ODS_QM02_9001	BW Brazil - QM - Notification - Tasks		2	7	2	4	12	27
ELEM/A /BW_QRY_ODS_QM08_9003	QM - Laboratory Billing (by Determinations)	4	13	4	1	1	1	24
ELEM/A /BW_QRY_ODS_QM06_9000	BW Brazil - QM - Notifications		2	6	2	4	9	23
ELEM/A /BW_QRY_ODS_QM08_9004	QM - Laboratory Productivity (by Workcenter)	4	9	3	3	1	1	21
ELEM/A /BW_QRY_ODS_QM08_9005	QM - Laboratory Productivity (by Analyst)	3	3	8	2	3	1	20
ELEM/A /BW_QRY_DSO_QM10_9001	BW - QM Laboratory's Productivity (Solution's Factorization)	1	5	9	2	1	1	19
ELEM/A /BW_QRY_ODS_QM09_0001	BW - Analytical time (Core Query)	1	1	3	1	2	1	9
ELEM/A /BW_QRY_DSO_QM11_9001	BW - QM Laboratory's Productivity (Solution's Preparation)	1	3	1	1	1	2	9
ELEM/A /BW_QRY_IFS_QMTR_0001	BW - Quality Results for Shipment (Core Query)		4	1		0	1	6
ELEM/A /BW_QRY_ODS_QM05_9000	BW Brazil - QM - Notification - Item		0	0	0	0	4	4
ELEM/A /BW_QRY_ODS_QM05_0002	BW - QM Notification Items (Core Query)			2			1	3
ELEM/A /BW_QRY_ODS_QM09_0003	BW - QM Lead Time (Core Query)	1			0			1
ELEM/A /BW_QRY_ODS_QM02_0001	BW - QM Notification Tasks (Core Query)			0	0		1	1
ELEM/A /RCS_QRY_ODS_QM09_0007	BW - QM Results for maintenance PM (Core Query)					0	0	0

History

Roles & Access

Roles and access

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

Role Code	Role Description	Explanation

Authorization objects

List of autorisation objects mandatory for the application.

Authorization object	Explanation

Dataflow overview & Documentation

Link below for documentation

<https://drive.google.com/drive/folders/1NfOEBZU5HxSoUSLvH0RuujZDZF97pCR8>

Direct link for Dataflow :

Functional and Technical rules on Workbench + Reporting

Rules & Explanations

Dependencies with other applications

Data loadings

Info providers and objects loaded

PC_QM_00 (META - D - QM - Master Chain)

Sub chain detail

Loading frequency

Once a day. Estimate, start loading around 3:30 and finish 4:20 AM CET with delta loading. it is triggered by RSP_DAILY on 0:01 flow after P&L, Tier and SD.

Average performance

Key Figure	Estimation
~ Average Process Chain Runtime	50 minutes
~ Average nb of rows loaded per load	
~ Total nb of rows loaded (if full)	
~ Average Runtime for 10k lines	

Record Keeping

Reporting

Queries End User Documentation

Main queries

It is one query based on MPR_QM001 multiprovider and workbook to integrate to for MiniCus and Minitab

Main functionalities

Broadcast

Maintenance

Known bugs

Recurring procedure

Planned Evolution

To decommission old data flow (MVQM01, MVQM02, ODS_QM08 and ODS_QM09) and migrate QM queries