

# Technical Document - Data Admin

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## Access Management

### Roles & Access

Role Code	Role Description	Explanation
ZBI_RCS_SD_A01	Application role for Global Sales project / SD data / Orderbook	Role for the application
ZR_RCS_CA_M49	SD - Sales and Distribution	Role menu for the application

### Authorization Objects

List of authorization objects mandatory for the application.

Authorization object	Explanation
CPFCTR1_2	GBU
C_COMPCDE	Legal company
C_SAL_OF	Sales office

WARNING: For the PO part the notion of sales offices doesn't exist. The restriction in sales offices will not be considered for the reports PO and PO+SO.

## Data flow

### Overview

#### Data Admin - Customer

This workbook works directly with Customer's Master-Data, whether or not the customer has sales. It is possible to control the GBR(\*) customer Corporate group, even if the customer still has no sales in SAP. This report works directly with master data and for that reason the GBU can't be used in prompts (GBU defined only when the customer has sales).

#### Data Admin - Customer Group

This report retrieves all customers' groups (Corporate and GBU), for customers with sales in SAP. It is possible to be refreshed by GBU.

#### Data Admin - End Use

This report provides data to control the mapping done for 2 axis recorded in GBR(\*) and was developed to help the data mapping for the CRM Analytics tool (depending of the GBU's decision to use it or not).  
The axis are:

- CORPORATE END USE
- GBU Customer Group (Group, Sub-Group, Account Type, Customer Classification)

Both are available in the BW WBP reports and in the CRM Analytics.

Tabs in the report:

- END USE and SALES
- END USE link
- END USE axis
- Application
- Market
- Segment

For the Billing date we suggest to use always 1 year period.

For the END USE mapping always use the Corporate end use TO LINK, to identify easily the customers and products to update in Quikload (GBR).

## Data Admin - Material not converted

It's not possible to convert sales unit into prompted quantity unit (PUQ) when that conversion don't exist in SAP.  
After choosing the PUQ the report retrieves all materials that are not converted in that unit.

Data flow

Please see the [data flow](#) of the multiprovider MVSDAD01(MP: Data Admin (Global Sales) - with GBU) generated from Performer Suite.

Please see the [data flow](#) of the multiprovider MVSDAD02(MP: Data Admin (Global Sales) - without GBU) generated from Performer Suite.

Please see the [data flow](#) of the multiprovider MVSDSO44(MP: Global Sales (Global Sales)) generated from Performer Suite.

Please see the [data flow](#) of the multiprovider CPSDSO54(MP: Order book, Forecast & historical (PO & SO)) generated from Performer Suite.

## Reporting

Workbook		Query	
Data Admin - Customer Corporate Group	BW_WBK_SD_CPSDSO54_0001	Customer Corporate Groups	BW_QRY_CPSDSO54_0009
Data Admin - Customer Group	BW_WBK_SD_ADM_0002	GBR - Corporate Group (core query)	BW_QRY_MVSDAD02_0009
		GBR - GBU Customer Group (core query)	BW_QRY_MVSDAD01_0008
		Historical Data: Sales Orders (Core query)	BW_QRY_MVSDSO44_SD0002
Data Admin - Customer Master Data	BW_WBK_MVSDAD02_0005	GBR - Customer Master data (core query)	BW_QRY_MVSDAD02_0005
Data Admin - Material Master Data	BW_WBK_MVSDAD02_0006	GBR - Material Master Data (core query)	BW_QRY_MVSDAD02_0006
Data Admin - End Use	BW_WBK_SD_ADM_0001	GBR - End Use Link (core query)	BW_QRY_MVSDAD01_0001
		GBR - End Use Axis (core query)	BW_QRY_MVSDAD01_0002
		BW - GBR - End Use Ship to Link (core query)	BW_QRY_MVSDAD01_0010
		Historical Data: Sales Orders (Core query)	BW_QRY_MVSDSO44_SD0002
Data Admin - Material not Converted	BW_WBK_MVSDSO44_SD0009	Data Admin: Material not converted (Core query)	BW_QRY_MVSDSO44_SD0009
Data Admin - Ship-to KA	BW_WBK_MVSDSO44_SD0002_ADM IN	Historical Data: Sales Orders (Core query)	BW_QRY_MVSDSO44_SD0002

## Data loading

Main Process Chain	Final Info Provider	Frequency	Start Time	Duration
PC_GLOBAL_SALES_MAIN	CRSDSO41, 42...	Daily	~1:30am CET	~3.5h

PC_SD_MAIN	CRSDSO01, 02...	Daily	~2:00am CET	~1h
PC_GL_SALES_MAIN_PO	CRSDSO51, 52...	Daily	~6:00am CET	~1h
PC_OBAS_TRANSFERS_MAIN	CRSDSO11, 12...	Daily	~6:00am CET	~0.5h

## Data Quality Controls

Data comes 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 criticality, workarounds and resolution plan.>

### Roadmap

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