

Forecast

- General presentation
 - Objective of the application
 - How to use the program:
 - How to upload Forecast
 - How to download Forecast from BW system
 - File Template for Upload.
- Roles & Access
 - Roles and access
 - Authorization objects
- Dataflow overview
 - Functional and Technical rules on Workbench + Reporting
 - Rules & Explanations
 - Info providers and objects loaded
 - Loading frequency
 - Average performance
 - Record Keeping
- Reporting

General presentation

Objective of the application

To upload forecast data (BFR and Budget) using an excel file. Data are later combined into Global Sales.

How to use the program:

How to upload Forecast

1. Access the program via transaction code **ZBW_SD_PC**
2. Inform GBU / Year / Version and select the forecast file on your PC, which has to be excel and with correct format (template below).
3. Click on **Preview** in order to check the authorization of content and data correction. It may take some time.
4. Click on **Check File** to get the summary of the data correction.
 - a. If data is incorrect, it will tell how many error and what line is incorrect on the file. Correct the file and try step 2 again.
 - b. If data is OK, the Load File button will be available
5. Click on **Load File**, it will save the data into BW system and run process chain PC_GL_SALES_PROP_99 in order to load from file to PSA and DSO DPSDFC01

How to download Forecast from BW system

In case, user wants to see the last forecast in order to make the next forecast. User can download the file that already loaded into BW to his PC in order to revise and upload again.

[Guidelines to upload the BDG / MTP](#) (Update Feb 2021)

However, in order to download the file, user must be the owner of the file (perform upload the file).

1. Access the program via transaction code **ZBW_SD_PC**
2. Click on **History** in order to see the list of the file that loaded into BW (it will display only last 10 files)
3. After click on History, there are 2 input fields available:
 - a. Source Filename is to enter name of the system file that user want to download. It can be seen at the first column. It is **case sensitive**.
 - b. Target Filename is the path and file name that user want to save into the PC. For example, C:\Users\th30085\Downloads\Test.xls.
 - i. The folder to download, user must have authorization to save file as well (eg. C:\ or C:\WINDOWS do not allow normal user to save the file)
 - ii. Filename must end with .xls If save to .xlsx, the file may not be opened.
4. Click on **Download**
5. In order to upload again, it is recommend to:
 - a. Save as to format excel 2010 (.xlsx)
 - b. Change the format of the Calmonth to YYYYMM
 - c. Close excel before loading

BW SD Loading of Forecast File

User Manual
Manual

Upload File
Upload Filename: C:\Users\th30085\Desktop\ForecastSD.xlsx (2)

Preview Check file Load file History Exit

Download
Source Filename-Case Sensitive: ForecastSD.xlsx
Target Filename: C:\Users\th30085\Downloads\Test.xlsx (3)

Download (4)

Name of file	Start Time	End Time	End Date	Start Date	User	BW System	BF_
test upload.xlsx	13:32:29	13:33:39	15.03.2017	15.03.2017	TH30085	WBD	SD
ForecastSD.xlsx	13:32:29	13:33:39	15.03.2017	15.03.2017	TH30085	WBD	SD
ForecastSD.xlsx	09:20:25	09:21:18	10.03.2017	10.03.2017	TH30085	WBD	SD
Forecast.xlsx	07:45:29	07:46:49	10.03.2017	10.03.2017	TH30085	WBD	SD

Note: The user who upload the file can download the file only. It is checked by user ID. Therefore, other users will not allow to download other user file to see the content.

Name of file	Start Time	End Time	End Date	Start Date	User	BW System	BF...
ForecastSD.xlsx	13:32:29	13:33:39	15.03.2017	15.03.2017	TH30085	WBD	SD
ForecastSD.xlsx	09:20:25	09:21:18	10.03.2017	10.03.2017	TH30085	WBD	SD
Forecast.xlsx	07:45:29	07:46:49	10.03.2017	10.03.2017	TH30085	WBD	S

File Template for Upload.

[Forecast Template.xlsx](#)

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
		In order to access the tcode ZBW_SD_PC
ZR_*_CA_P05	GBU	In order to load content of data base on GBU
ZR_*_CA_P01	Company Code	In order to load content of data base on Company code

Authorization objects

List of autorisation objects mandatory for the application.

Authorization object	Explanation
Z*P05	GBU
Z*P01	Company Code

Dataflow overview

Reporting documentation drive folder:

<https://drive.google.com/drive/folders/0B0qn89R0RGdqYkZZOFZyYXIXVke>

Example of dataflow overview :

[Template Application name DataFlow](#)

Functional and Technical rules on Workbench + Reporting

Rules & Explanations

1. Authorization of file content will be checked base on GBU and Company code, which get from roles of user on BW system.
2. The data will be replaced with the same keys (combination of all fields). If the same key are in the same file, it will be replaced by the last record.
3. If a user is loading data and it is not completed yet, another user will not allow to click on 'Load Data'. The user need to wait until the process chain loading complete.

Data loadings

Info providers and objects loaded

- `PC_GLOBAL_SALES_FORECAST` - load data from propagation layer to cube
- `PC_GL_SALES_PROP_99` - triggered by `ZBW_SD_PC` from user to load from file to PSA and DSO `DPSDFC01`

Loading frequency

Depend on users to load via T-Code **ZBW_SD_PC**. However, this loading will be load only upto propagation layer.

Process chain `PC_GLOBAL_SALES_FORECAST` will run daily In order to load data from propagation layer to reporting layer.

Average performance

The step 'Preview Data' mayl take time (less than 1 minute) in order to check the content of the data comparing to the master data.

The step 'Load File' may take time around 1 - 5 minutes.

Record Keeping

Log of loading data will be kept on DSO `DPSDFC02` with the detail of filename, username, date and time that load data, the status of loading and GBU. However, it will display on the tcode only last 10 records.

Reporting