

Topic

Supply a global data warehouse with CO-PA data from SAP Business Warehouse (BW)

Customer

Cilag AG International (Johnson & Johnson Group)

Task

- Implement a scenario to transmit data from SAP-BW to a global data warehouse. This covers the following data:
 - Customer master data
 - Product master data
 - CO-PA transaction data from the past 24 months (rolling)
- Create an ABAP program to control the supply process

Implementation

We used and adjusted existing InfoProviders (InfoCubes, ODS objects and InfoObjects) to extract the required data.

The data was subsequently transmitted via complex transfer/update rules into special data targets.

We created an ABAP program to control the supply process. It included the following features:

- Possibility to test/correct the master data (manually)
- Manually start the R/3 extraction (this is an additional option because the extraction normally starts via process

chains)

- Display the data to be transmitted, using a BEx workbook (retrieval from inside the program)
- Produce reports (TXT files)
- Transmit files via FTP (system command)
- Log every program step

PIKON was responsible for the following activities:

- IP-design
- Data extraction from R/3 (CO/ SD/ MM)
- Data modeling and design in SAP-BW
- Creation of complex transfer and update routines (for example to link the required information or to control the delta administration)
- Creation of process chains to control the data extraction, data flow and post-processing tasks
- Reporting using Business Explorer Analyzer
- Implementation of the ABAP programs
- Creation of user-documentation