

Topic

Implementation of SAP Business Warehouse

Customer

Real Estate Subsidiary of a large German corporation

Task

- Linkage of data from the area Customer Service (CS) with data from the areas Sales and Distribution (SD), Materials Management (MM) and own applications in order to make complex issues of the so-called “Technical Facility Management” (TFM) available to staff members and external customers in the form of simple and clear reports through the web portal.
- Automatic information processing in Business Warehouse (e.g. to present malfunction statistics for technical objects with “Top N functionality”).
- Replacing self-programmed reports (SAP R/3) with the options offered by SAP Business Warehouse.

Implementation

First, standard extractors were activated to extract the data from SAP R/3. As not all areas could be covered with standard extractors, own extractors were programmed.

The data is imported from SAP R/3 into the SAP BW system. Then the information is processed in the SAP Business Warehouse using complex transfer and update rules. On the basis of the customer’s design requirements, templates for the web presentation were generated using the Web Application

Designer.

Process Chains were generated to control the periodic procedures in BW.

The following operations were implemented by PIKON:

- Technical design.
- Data extraction from R/3 (CS/SD/MM, as well as from customer-specific tables) using the Business Content of BW as far as possible; to a large extent, however, own extractors had to be programmed.
- Data modelling and design in SAP BW.
- Programming of complex transfer and update routines (e.g. for the linkage of required information or for the correct control of the delta update).
- Implementation of process chains to control data extraction from R/3, the data flow and the postprocessing (e.g. data compression, index building and filling of the aggregates).
- Reporting using Business Explorer Analyzer and Web Application Designer.
- Preparation of the user documentation.