

Topic

Implementation of SAP Business Warehouse

Customer

Hottinger Baldwin Messtechnik GmbH

Task

- Linking data from various business areas in order to show correlations in complex reports, which were previously difficult to determine (e.g. possible correlations between size of warehouse stock, manufacturing orders, and adjustments to sales orders within certain periods).
- Automating the processing of information in the Business Warehouse (e.g. to illustrate a sales price, cost of goods manufactured, or margin analysis considering the cost of goods manufactured in the respective manufacturing plant).
- Replacing customer-developed reports in SAP R/3 with the functionalities offered by SAP Business Warehouse.
- Replacing an extensive set of reports, in which R/3 data from customer-developed reports was manually processed and presented in a multitude of ways. The implementation of these new Excel reports automates the reporting system in Business Warehouse and eliminates errors caused by manual processing.
- User independence from the I.T. department due to own reporting system.
- Extensive user training on BW data modeling and other relevant tasks, including the creation of process chains in BW and reporting in Business Explorer Analyzer.

Implementation

In the first step of this SAP BW implementation, only logistics data (SD, MM, and PP) was mapped into the Business Warehouse reports. In addition, data from CO-PA and customer

tables were extracted for special reports. The data was imported from R/3 and Excel and processed in BW by means of appropriate data modeling, transfer routines, and update rules. Moreover, the requested reports were generated in Business Explorer Analyzer and complex process chains were created to control the periodic updates in SAP BW.

PIKON was responsible for carrying out the following tasks within the framework of this project.

- IV design.
- Data extraction from R/3 (SD/MM/PP, as well as customer-developed tables) and Excel, using the standard BW Business Content, but programming custom extractors when necessary.
- Data modeling and design in SAP BW.
- Programming complex transfer and update routines (e.g. determining the manufacturing plant for a certain material, or the determining different key figures from the sales order items, e.g. differences in work days between confirmed and requested delivery date, confirmation and commitment date, confirmed and actual delivery date, etc.).
- Implementation of InfoPackage groups and process chains to control the data extraction from SAP R/3, the data flow and any post-processing tasks (e.g. data compression, configuring indices, filling aggregates).
- Reporting using Business Explorer Analyzer.
- Extensive user training on BW data modeling and other relevant tasks, including the creation of process chains in BW and reporting in Business Explorer Analyzer.