

**Topic**

Implementation of SAP Business Warehouse

**Customer**

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**Task**

- Making information available from the HR and CO areas with the aim of creating complex, cross-module reports showing correlations between data. These reports could have only been previously created with considerable manual effort.
- Automatic data processing in Business Warehouse (e.g. the presentation of extensive personnel statistics, linked with information on personnel costs, or the presentation of complex absenteeism evaluations).
- Replacement of time-consuming Excel reports, in which R/3 data was manually processed and presented in various ways. The mapping of this report in Business Warehouse should enable automated reporting as well as eliminating possible error sources due to manual processing.
- Creation of own reports allowing the users to be independent from the I.T. department.
- Integration of BW reports into the MDT (Manager's Desktop), which is an application used to bundle HR specific information.
- As this project required BW and HR specific Know-How, the implementation was executed in cooperation with

our partner iProCon GmbH (a member of the AdManus Network).

### **Implementation**

The standard extractors were first checked in the HR and CO areas and, where necessary, enhanced with custom ABAP coding. Furthermore, data was extracted from customer-specific tables (e.g. individual infotypes for the HR master record) and used in specific reports.

The data was extracted from R/3 and Excel (legacy data and target figures not defined in R/3) and processed in BW with suitable data modeling, transfer routines, and update rules. In addition, the required reports were created in Business Explorer Analyzer and complex process-chains controlling the periodic updates were developed in BW. Subsequently, the BW reports ("workbooks" generated using Business Explorer Analyzer) were integrated into the Manager's Desktop.

The following operations were implemented by PIKON:

- IV design.
- Data extraction from R/3 (HR and CO, as well as customer-specific tables) and Excel, utilizing the Business Content of the BW as much as possible. Where necessary the Business Content was enhanced and custom extractors were developed.
- Data modeling and design in SAP BW.
- Implementation of process-chains to control data extraction from R/3, data flow, and post-processing tasks (e.g. data compression, set-up of indices, filling of the aggregates).
- Reporting in Business Explorer Analyzer.