

Topic

SAP BW 2009 – Implementation of a global database in SAP NetWeaver BI 7.0

Customer

T-Systems International GmbH, Stuttgart-Leinfelden

Task

Design and implementation of a new BW system with a cross business process database

Design of a multiple-level layer Architecture (SAP NetWeaver BI 7.0) with the basic rule „Extract once – Deploy many“

Harmonisation of master data

Project targets

Definition and supply of centrally used objects

Speedup of future projects, because they can be based directly on the global database.

Replacement of own developments if there is a SAP standard solution (Business Content) available by now

Implementation

The following activities were carried out by PIKON:

- Technical project management
- Technical design of the layer architecture (Inflow-Layer, Transformation-Layer, DataMart-Layer and Integration-Layer) for transaction data
- Analysis of Business Content DataSources
- Activation of Business Content DataSources within several ERP Systems with different releases (main focus on FI/CO)

- Analysis and if necessary improvement of customer-specific DataSources
- Harmonisation of master data of several ERP systems
- Data modelling based on the defined layer architecture
- Creation of process chains to automatize the daily loading processes
- Review and extension of the existing BW development and ABAP programming guidelines
- Tests and documentation
- Implementation of a program which automatically generates a documentation for the data flow (InfoProvider and transformations)
- Go-Live and Support