

Topic

Automating the loading process from a non-SAP system with a non-standard database into a SAP BW system.

Customer

BMW Financial Services AG, Munich

Task

The aim of this project was to integrate a non-SAP system into an existing SAP BW system. The challenge here was that the current release of SAP BW didn't provide any direct extraction possibilities for the data source. This problem was solved through a file interface with the corresponding flat files generated in the source system, which were then stored on the BW server via a FTP connection. On the BW server, the data is retrieved and updated into the data target after an appropriate conversion process.

Implementation

The following operations were carried out by PIKON throughout the course of the project:

- Developing a file-parser for automatic reading and processing of incoming CSV files. The system then generates an e-mail to the process owner informing them that new data is available. After verification, the owner initiates the next step.
- Inserting the data into a collective table for temporary storage.
- Moving the CSV file into subdirectories.

- Integration of the new import process (background process) into the existing web application of the SAP BW. Data input and processing are effected automatically.
- Processing and enhancement of the raw data.
- Administration of data import (data provision administration).
- Data storage in the data target using SEM functional modules.