

**Topic**

Implementing SAP Business Warehouse

**Customer**

Siemens Power Generation Industrial Applications (PGI)  
Engineering and Construction (Turbines, compressors, oil, gas, and services)

**Task**

- Implementation of a standardized project reporting system across all PGI's locations, which adheres to the US-GAAP accounting standards.
- Mapping of the projects across various locations and systems.
- Mapping of the preliminary and accompanying costing.
- Mapping claims.
- Standardization of the database (in particular consolidation of master data).
- Interconnecting several locations/systems (SAP and non-SAP).

**Implementation**

SAP BW was first introduced at the Duisburg location and subsequently rolled-out to various locations across Europe. Particular attention was given towards the consolidation of master data from the various source systems to enable reporting across the projects and profit-center groups. This required the integration of several SAP R/3 systems, the development of flat file interfaces and the connection to an Oracle database.

The following activities were carried out by PIKON within the framework of this project.

- IV design.
- Data extraction from R/3 (PS/CO/FI/SD) and Excel.
- Extensive enhancement to the standard extractors and

creation of own sources.

- Connection to an Oracle database.
- Data modeling and design in SAP BW.
- Programming complex transfer and update routines (e.g. for the consolidation of the master data).
- Reporting using Business Explorer Analyzer and Web Reporting.