

Topic

INKA - Intelligent calculation management for Siemens China

Customer

Siemens Ltd. China, Peking &
Siemens Industrial Turbomachinery Huludao Co.
Industry Sector: Machinery, plant engineering

Task

Implementation of a calculation landscape for big cross-site compressor and turbine projects.

Implementation

The INKA initiative focuses on an intelligent management which combines engineer-to-order specific engineering, calculation and PLM processes. It also considers the related IT systems. INKA harmonizes systems and processes, so that the various experts can calculate complex projects with minimum variances. The basic idea is to identify the main product structure elements (comparable to a BOM) and their cost drivers and to calculate the project on this basis. PIKON has supported the design of a database for the basic calculation data and a costing tool:

- Requirements Analysis
- Detail Concept for the database and the costing tool
- Support and controlling for the IT solution (done by Siemens IT)
- Documentation and training concept
- Coordination with management and users
- Project management