



# Automation of cross-system processes

## BMTS Technology GmbH & Co. KG

Implementing company: **soffico GmbH**  
 Client location: **Stuttgart, Germany**  
 Sector: **Manufacturing**  
 Website: **bmturbosystems.com**  
 Employees: **800 Worldwide**

The BMTS Technology GmbH & Co. KG (BMTS) develops and produces custom-made exhaust gas turbochargers for cars and commercial vehicles.

### Challenges

- Jump starting a mid-size company with high-level engineering and production tool requirements
- Product and quality benchmark regarding continuous digitalization on all fronts
- Quick allocation of specialised field solutions and their company-wide integration
- Flexible and quick allocation of a collaboration platform with access to all fields and their partial results

### Solution

- Orchestration of all relevant IT-systems incl. SAP, Windchill and MES via Orchestra
- Shared access and harmonization of all collaborative activities across all fields
- Role-based focus of the IT-mix
- Development of a „single point of entry“ to manage a comprehensive SOA
- Development of an app for mobile devices to monitor relevant production data
- Purpose: no adaptations of the industry solutions and maintainability

### Benefits

- Each system focusses on core tasks to avoid function doubling and complex adjustments
- Reduction of licenses in addition to highly reduced operating costs
- Maximum process transparency – data is centralized and information is made available via a browser-based collaboration tool and a document management system
- Automatic archiving and certificate conformity