



# Automation of cross-system processes

## Bosch Mahle Turbo Systems

Implementing company: **soffico GmbH**

Location of the client: **Stuttgart, Germany**

Branch: **manufacturing**

Website: **www.bmturbosystems.com**

Employees: **800 worldwide**

The Bosch Mahle Turbo Systems GmbH (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