



AUTOMATION OF CROSS-SYSTEM PROCESSES

Bosch Mahle Turbo Systems, or BMTS Technology GmbH & Co. KG develops and produces customized exhaust gas turbochargers for passenger cars and commercial vehicles. Together with Orchestra, **BMTS Technology GmbH wanted to automate the processes in its own business**, become more efficient, save operating costs and increase output. A task that first requires a lot of work, but then provides many benefits and savings - and does so quite automatically: Process automation not only drives a company's productivity, but even increases employee satisfaction.

Process Automation - One definition

Process automation is used to automate work and tasks. This means transferring manually executed processes / services into digital / automated processes. This has the purpose of saving costs and time for manual administration and execution of processes. Another goal is automatic, error-free handling of routine processes at a very high speed. On the one hand, **process automation maintains competitiveness.** But automation can also help to **overcome problems such as a shortage of skilled workers.**

Challenges

- Jump Start of a medium-sized company with high-level engineering and high demands on production tools.
- Product / quality benchmark: end-to-end digitization across all levels.
- Rapid deployment of departmental solutions and their enterprise-wide integrity.
- Flexible and fast collaboration platform with access to all disciplines and their partial results.

Solution

- Each system focuses on the core tasks: There is no longer any duplication of functions or costly customization.
- Licenses could be reduced and operating costs lowered.
- Maximum process transparency: Data was centralized and information extracted using a collaboration and document management system.
- Automatic archiving and certificate compliance.

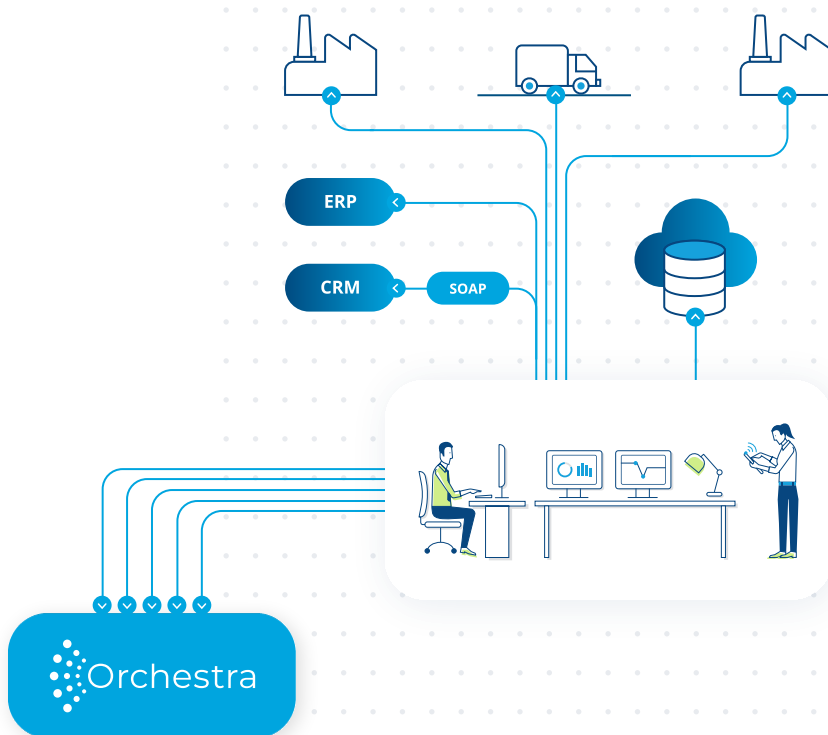
How was the project implemented?

The **process automation procedure** with the help of the process automation software Orchestra at Bosch Mahle Turbo Systems included the following steps in the direction of digitization and Industry 4.0:

- Orchestration of the relevant IT systems such as Windchill, SAP, CAQ and MES by the enabler soffico.
- Shared access and harmonization of collaboration activities across all disciplines.
- Establish a single point of entry to manage a comprehensive SOA.
- Development of an app for mobile devices: role-based access via Orchestra for monitoring relevant production data and databases.
- Establish a single point of entry to manage a comprehensive SOA.

With Orchestra you build your own Industrial Suite!

Fully modular and tailored to your IIoT use case.



You want to learn more?

If you have any personal or further questions about this success story, our experts will be happy to help you. We would also be happy to present Orchestra to you personally in a live demo!

Learn more about our products!



Rica Holzmann

Sales & Partnermanagement

t: +49 821 455 901 47

e: rica.holzmann@soffico.de



Sarah Blomeier

Sales & Partnermanagement

t: +49 821 455 901 67

e: sarah.blomeier@soffico.de