

# Drive e-mobility with Mubea



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SEEBURGER BIS Platform

## Shop floor integration at JIS supplier Mubea

The automotive supplier Mubea develops and produces lightweight seats for renowned OEMs at its Wendlingen location. The SEEBURGER BIS (Business Integration Suite) Platform serves as the company's central integration platform for connecting SAP with the shop floor in Just in Sequence (JIS) production. It also creates transparency in production processes and ensures traceability in meeting the continuously growing demands of OEMs.

With extensive experience in data and process integration, SEEBURGER supports Mubea in establishing the new JIS assembly line and implementing its associated requirements:

### Requirements in the production process

- 11 work stations with scanning systems, operator guidance, label printers, data storage
- JIS calls with a production window of only three days in advance, no pre-production/storage
- Flexibility in scaling/capacity expansion
- Ensuring the traceability of the installed components for each order on operational and quality data

### Requirements in production IT

- Integration with SAP PP for JIS order data (including resolution of BOMs, status and feedback)
- Integration with central plant control database (Siemens SIMATIC S7)
- Tested and expandable information provision via OPC UA
- Scalable networking of data from PDM and analytical environment
- Capability to be embedded in group-wide platform activities

### About Mubea

The Mubea Group develops individual solutions for chassis, body, powertrain, aviation and e-mobility, achieving maximum weight savings with maximum customer benefits. As an owner-managed family business, Mubea now employs more than 14,000 people at 50 locations in 18 countries and generates sales of €2,775 million.

[www.mubea.com](http://www.mubea.com)

“SEEBURGER will continue to be a key partner in the expansion and further development of our digitalization strategy.”

Ulf Gerecke, Head of IT Business Applications,  
Muhr und Bender KG Attendorf

## Implementation of shop floor integration with SEEBURGER BIS

With the SEEBURGER BIS Platform as the central control platform, Mubea achieves customer-specific order manufacturing.

Data from approximately 200 critical (JIS) production orders is triggered daily via EDI and transferred to production via BIS without any loss of information, processed in the defined sequence, and reported back to SAP:

- IDoc communication via SAP PP for JIS order data (including resolution of BOMs)
- Storage of production data on the central control server's database
- Feedback (JIS start, final feedback) to SAP
- Harmonization and enrichment of data for provision in the analytical environment

This creates a 100% digital and automated production process, starting from the customer and extending into Mubea's manufacturing line – bidirectional and across any IT-system boundaries set by both the customer and Mubea.

## Upcoming plans and extensions

Mubea is increasingly digitalizing its production resources and processes to enhance manufacturing productivity and quality through data analysis. This allows them to meet their own requirements within the value chain, especially the high standards set by OEMs, including traceability and transparency. The SEEBURGER BIS Platform is designed to address both current and future B2B requirements in this regard.

## Advantages for Mubea

**Seamless networking**  
of machines, processes and systems

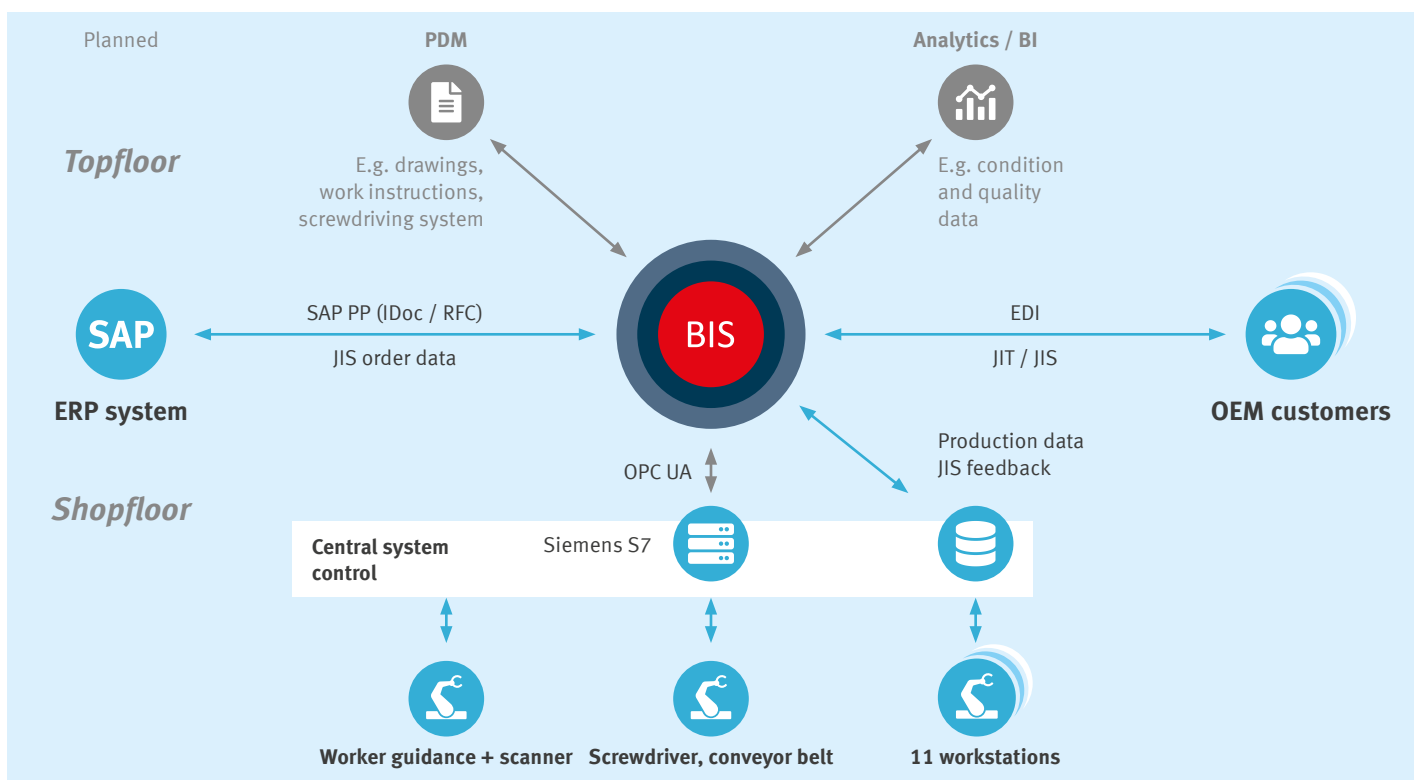
**Investment security**  
through expansion of the existing architecture and platform capability

**Prepared for future requirements**

- Scalable and tested integration via OPC UA and FTP
- Expandable functions for integration with PDM, MES, as well as other API-based connections

**SEEBURGER expertise**

- Competent staff, direct communication, fast & efficient support
- Flexibility – support even of critical schedules
- All implementations and commissioning carried out online



SEEBURGER BIS as central integration platform at Mubea for networking machines, systems and business partners