“We are now performing more measurements more frequently and gain more information from the scans. If we process them in ZEISS PiWeb afterwards and visualize them consistently and continuously, the wind is in our sails both for us and the entire technology.“

Michael Lindenblatt
Head of Metrology, BENTELER Automotive

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Cross-Location Quality Assurance & Real-Time Analyses

The automotive supplier BENTELER produces components and modules for chassis and car bodies. The parts must be subjected to strict safety tests: Quality assurance is ensured with the ZEISS ScanBox optical 3D measuring machine. The measuring data can be visualized and evaluated in the ZEISS INSPECT software. All measurement plans are created at the production site in Paderborn and rolled out at the other sites. ZEISS PiWeb is used for real-time analysis of the globally generated measuring data.

Industry

Automotive

Systems

ZEISS ScanBox 5130,
2× ATOS ScanBox 6130, ARAMIS

Software

ZEISS INSPECT, ZEISS PiWeb

Challenges

- High throughput to meet strict safety standards
- Harmonization of global measuring procedures
- Implementation of ScanBox systems in other plants

Solution

- Full-field scanning for inspection of complex parts
- Global rollout of measurement and inspection plans
- Standardized reporting in ZEISS PiWeb

Benefits

- Fast results reduce cost-intensive production downtime
- Cross-location monitoring based on live data
- No time lost installing new ScanBox systems