



Benteler Automobiletechnik GmbH Automates Plants and Processes to Maintain Competitive Advantage

With the Internet of Everything, Benteler Automobiletechnik GmbH will soon realize:



Faster changeovers



Increased operational efficiencies

Leading manufacturers are racing to harness the possibilities being created by digital transformation. When every tool and part is connected to the network and production process can be analyzed and controlled from the cloud, factories are able to achieve better outcomes, faster changeovers, and tighter cost controls. As more seamless ways to connect people, process, data and things have emerged, automotive manufacturers such as Benteler Automobiletechnik GmbH, are taking giant steps toward evolving its factories.

German-based Benteler operates 70 plants in 29 countries, and nearly every major automaker worldwide relies on their components. To make its factory floors more agile and efficient, Benteler created a fully modular next-generation production environment of automated, self-running plants with the help of Cisco and its extensive ecosystem of partners.

With Cisco's Application Centric Infrastructure (ACI™) and ruggedized routers and switches, Benteler's new production environment is powered by a robust foundation. In order to connect the tools, parts, and belts in each factory to each other and to a central location, Benteler worked with Cisco® Partners nemetris and CANCOM DIAS. Together, they built the appropriate applications through fog computing and cloud, as well as integrated hardware and software components to provide Benteler with an easy to manage, end-to-end solution.

By connecting every aspect of the factory together, Benteler will soon realize better outcomes, faster changeovers, and increased operational efficiencies with the Internet of Everything (IoE).

"The advantage we get from the Cisco Partner Ecosystem is seamless integration between the hardware components and the software side. To get this out of one ecosystem, that is a significant value for us as a customer."

Alex Stamm
CIO, Benteler Automobiletechnik GmbH