

Smart Manufacturing: Optimize and Automate

Complex IoT, Simplified.



Manufacturers are experiencing increased pressure to improve operational efficiencies, exceed SLAs, all while still delivering a state-of-the-art product to customers. Smart Manufacturing can enable your organization to face these pressures head on. Take control of all your connected machines and devices, monitor them, collect data, and provide analytics to drive actionable strategies. Lead your supply chain modernization effort with preventive and predictive maintenance, and leverage OT and IT systems to facilitate continuous process improvements.

Increased efficiency: Collect and analyze data in real-time to identify bottlenecks in the production process, enabling manufacturers to take corrective actions and improve efficiency.

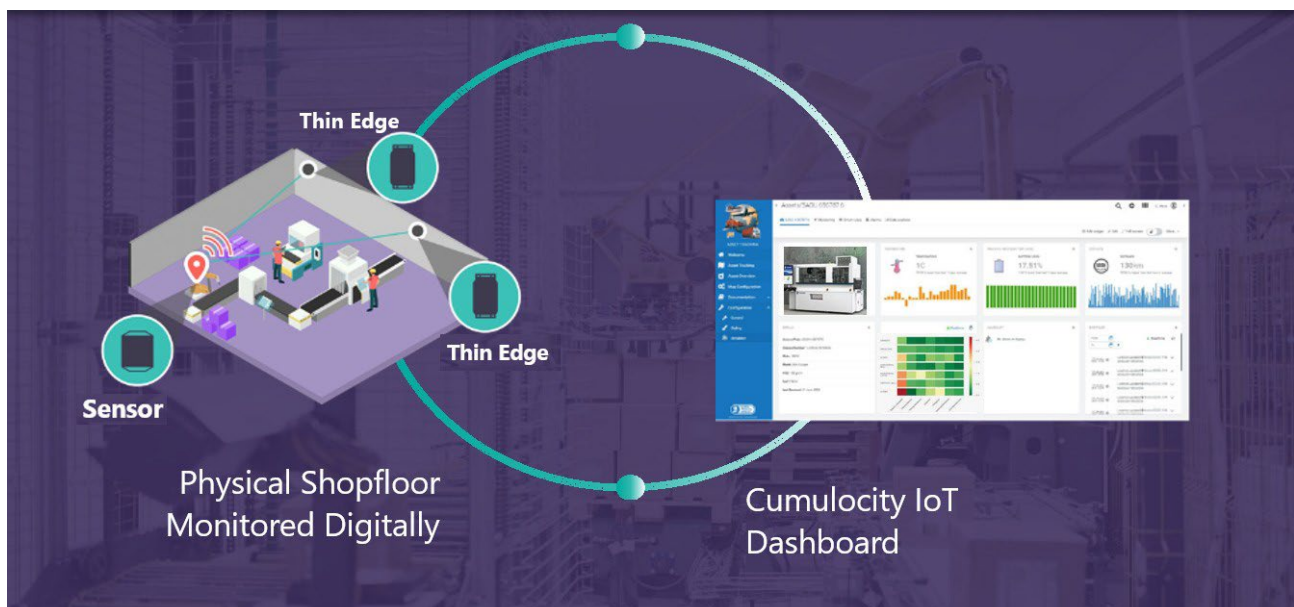
Improved quality control: monitor production processes and alert operators to potential quality issues, enabling manufacturers to catch defects early and reduce waste.

Predictive maintenance: monitor equipment and machinery, identifying potential maintenance issues before they become major problems, reducing downtime and maintenance costs.

Supply chain optimization: track inventory levels and provide real-time data on supplier performance, enabling manufacturers to optimize their supply chain and reduce lead times.

Increased agility: help manufacturers make more informed decisions through intelligence from IIOT data and data from OT/IT systems, allowing quick response to changing market conditions and customer demands.

Drive operational efficiencies with IIOT-enabled Smart Manufacturing





Smart Manufacturing Primary Use Cases

Remote Machine Monitoring

allowing machine technicians, process engineers to conduct condition monitoring

Overall Equipment Effectiveness

measurements optimizing performance monitoring for continuous process improvements

Preventive & Predictive Maintenance

increasing uptime, ensuring greater productivity, and reducing cost of maintenance

OT Applications Automation

building add-on applications and integrating data between OT and IT with a goal of end-to-end automation

Connected Worker

guiding workers proactively through timely alerts, instructions for machine configuration updates

Connected Supply Chain

automating receipts and transmits of ASNs alongside supplier parts and customer products

DHA issues Authority to Operate (ATO) to Cumulocity IoT

ATO enables all Defense Agencies to leverage Cumulocity IoT to best capture and manage actionable IoT data

The ATO is based on compliance with strict security requirements and risk assessments outlined in the Risk Management Framework (RMF). It validates how the Cumulocity IoT platform can meet current and emerging needs for IoT data management from any device across the US Federal government and aerospace and defense industry. Cumulocity IoT platform is device and use-case agnostic, connecting to the widest number of devices, machines, and sensors.

Contact us at Info@softwareaggov.com and request a review of your existing challenges with our experts.

About Cumulocity IoT

Cumulocity IoT's completely open approach to IoT and powerful integration capabilities release you from being tied-in to specific solutions. A truly rapid self-service approach on a resilient platform you can trust, with the ability to build your own branded IoT solution and generate business value in weeks rather than months. Connect & manage your devices, quickly develop IoT apps, analyze & leverage IoT data across your business, and run your IoT at the edge, in the cloud and/or on-premises ... your choice!

ABOUT SOFTWARE AG

Software AG simplifies the connected world. Founded in 1969 it helps deliver the experiences that employees, partners and customers now expect. Its technology creates the digital backbone that integrates applications, devices, data and clouds; empowers streamlined processes; and connects "things" like sensors, devices and machines. It helps 10,000+ organizations to become a truly connected enterprise and make smarter decisions, faster. The company has more than 5,000 employees across more than 70 countries and annual revenue of over €830 million. Its ambition is to exceed €1 billion of organic revenue in 2023. Learn more at www.SoftwareAG.com.

© 2023 Software AG. All rights reserved. Software AG and all Software AG products are either trademarks or registered trademarks of Software AG. Other product and company names mentioned herein may be the trademarks of their respective owners.