



Digital manufacturing solutions for shop-floor operations

1. Our SaaS solution relies on proven and emerging technologies

Hexagon's Xalt applications use the most advanced technologies to meet the requirements of manufacturing's digital transformation, including:

- Low-code platform
- Industrial internet of things (IIoT)
- Cloud connectivity via Microsoft Azure and AWS
- On premise / virtual machine
- Edge computing
- Artificial intelligence
- Machine learning
- Responsive web-client
- API integration

2. Paperless shop-floor workflows

With Xalt in your production environment, data silos are eliminated. Our technology ensures that data is digitally recorded and available for use in real time. We bring you mobile applications that digitally display information on any browser or mobile device, in the office or on the shop floor. This eliminates the need for paper processes throughout your manufacturing operations.

3. Downtime detection and preventive maintenance

In the smart factory, maintenance is performed with predictive insight. Hexagon's Xalt ensures transparency in the detection of anomalies in machines, tools and test equipment through consistent error-monitoring and reporting. Our solution digitally documents errors and analyzes data to allow for quick remediation. Maintenance requirements are immediately communicated via digital work orders, minimizing unnecessary downtime and boosting efficiency across the shop floor.

4. Process-oriented operator instructions Process adherence is critical in any production environment. Hexagon's Xalt provides workers with the precise information they need to perform the current work step. This enables you to effectively control complex assembly lines to ensure compliance at every stage of manufacturing.



5. Transparency and traceability in production and assembly

Efficient and accurate machine production requires continuous monitoring and reporting. Hexagon's Xalt provides the ultimate solution in production assembly KPIs, such as machine idle times, system availability and performance. It ensures that you have real-time information via an easy-to-use dashboard with a shop-floor monitor – whether you're at the workplace and on the go. You can even access valuable historical data for in-depth analysis and optimization of current and future processes.

6. Reliable quality management

The goal of any quality management process is to avoid errors and achieve compliance. Our software ensures that quality assurance measures are fully documented along the entire value chain, enabling almost zero-defect production. By immediately recording deviations, Xalt helps you eliminate preventable errors and alert you to problems without delay. This reduces rework and achieves greater efficiency – from material receipt to shipping to the customer.

7. Efficient resource management

No resources are wasted in the true smart factory. Hexagon's Xalt manages all resources digitally and monitors them continuously. Our solution consistently documents the use of machines, tools, materials and energy data with statistical reports that identify areas where further savings can be unlocked to achieve higher profit margins.

8. Networked warehouse

In the smart factory, production / assembly and warehousing go hand-in-hand. Through direct connection with enterprise resource planning and warehouse management systems, Xalt automatically delivers digital material transfer orders to assembly. This lets you synchronize material output and generate a bill of materials or production order to ensure maximum transparency, ensure traceability and optimize efficiency throughout the process chain.

Are you ready to accelerate your digital transformation? To learn more about how we help you leverage data to make improvements to processes and products, visit www.hexagonxalt.com.

Hexagon is a global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector and mobility applications.

Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 21,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at hexagon.com and follow us @HexagonAB.

Hexagon's Xalt Solutions accelerates your digital transformation by solving your workplace challenges with the industry's most agile framework, supported by innovative, tailored solutions.