

Expertise: Digital Solutions, IoT, Product Development

Industries: Manufacturing, Industrial Production

IoT solutions reduce downtime and optimise production



Overview of the partnership

Partners:	A company in the manufacturing industry and Consat Engineering.
Objective:	To deliver a comprehensive IoT solution that enables proactive maintenance and improves production flow, machine availability, and product quality.

By adopting Consat Engineering's IoT platform, NEXT, a manufacturing company transformed its maintenance strategy – reducing costly downtime, increasing efficiency, and improving product quality across the board.

A manufacturing company turned to Consat Engineering's IoT platform, NEXT, to reduce downtime and optimise production flow. The result was a proactive solution that streamlines maintenance and improves overall production quality.

A pragmatic partner

The collaboration between the company and Consat resulted in an IoT solution enabling real-time monitoring and early identification of production challenges. By combining operational insights with Consat's technical expertise and pragmatic approach, they developed a flexible, cost-effective, and innovative solution.

The challenge

The company was experiencing frequent unplanned downtime and high maintenance costs due to a reactive maintenance model. It became crucial to identify and resolve potential issues before they led to production stops.

The solution

Consat Engineering implemented the IoT platform NEXT, which collects and analyses real-time production data. Leveraging edge computing and advanced analytics, the company transitioned to a proactive maintenance strategy, reducing downtime and optimising the production process.

Challenge

The company struggled with unplanned downtime and high maintenance costs due to a reactive approach to machine maintenance.

Solution

Consat Engineering deployed the NEXT IoT platform, introducing real-time monitoring and analytics to enable proactive maintenance and improve production flow.



Key outcomes

- Increased efficiency and production throughput
- Reduced unplanned downtime
- Improved product quality

Summary

- The company needed to reduce downtime and improve maintenance efficiency.
- Consat Engineering implemented the NEXT platform for real-time, proactive monitoring.
- The solution enhanced both operational efficiency and product quality.

The result

Following the implementation of NEXT, the company significantly reduced unplanned downtime and improved both productivity and product quality. Continuous access to production data supports quicker, more informed decision-making.

Value-driven innovations

With the help of NEXT, Consat has enabled smarter decision-making and long-term operational improvements. The company now uses real-time production data to continuously enhance its processes and performance.

Contact us

Want to explore how Consat Engineering can support your organisation with value-driven IoT solutions? Contact us today for more information or to book a demo.