

Predictive Maintenance Benefits Muller In Reducing Downtime

Müller identified a need to implement a predictive maintenance system within its manufacturing process that could be installed quickly, had no interruption and provided real-time view on the condition of critical assets.

The Challenge

Müller Milk & Ingredients are Britain's largest producer of branded and private label fresh milk, cream, butter and ingredients products, with a network of dairies and depots servicing customers across the UK.

Müller Dairy Bellshill in Scotland processes over 370 million litres of fresh milk and cream each year. The site was upgraded in 2018 at a cost of £15 million, making it Scotland's largest fresh milk dairy.

The site experienced failure back in 2021 on a main filling line. This failure shutdown production for 28 days, generating a loss of thousands in production and revenue.



The Solution

Based on their needs Müller implemented a Condition Based Monitoring Solution.

Why condition based monitoring?

- Alerts & notification by email & SMS
- Automated reporting
- Realtime-Online web browser
- Targeted energy reduction
- Reduced operating costs
- Proactive planned maintenance
- Improved machine efficiency
- Captures realtime vibration & temperature data

Our intelligent monitoring solutions remotely monitor temperatures and proactively identify potential mechanical failures before they happen. Therefore Müller were able to remotely monitor the environmental conditions of their factories.

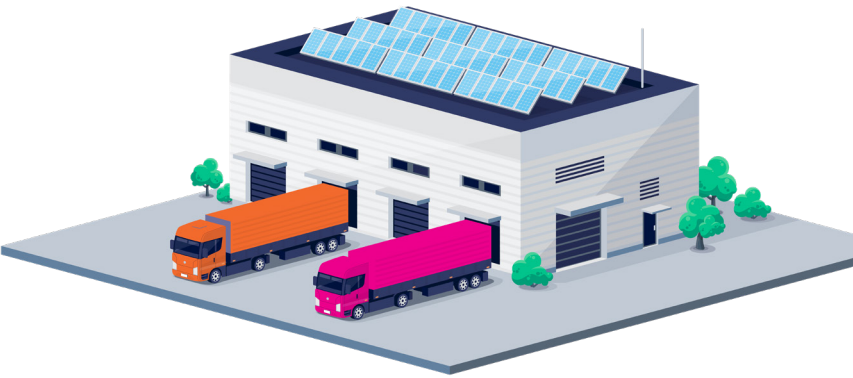
Did you know?

Müller employ more than 31,000 people in 19 sites throughout Europe and have been operating since 1896.

Project Outcomes

Following the implementation of our smart solution, Müller were able to achieve:

- Reduce the number of unplanned failures across machinery
- Improve equipment availability and reliability
- Reduce repairs being scheduled during peak times
- Increase the lifetime and efficiency across their assets



“ Invisible Systems Wireless Condition Based Monitoring System highlighted an anomaly on the main milk filling line in the first month of being installed that saved £12,000. The system has enabled hassle free monitoring of our critical assets and has facilitated strategic projects to increase our resource efficiency. ”

Keith Denholm - Engineering Manager, Müller

Ready to take control of your data?

For a comprehensive consultation on needs of your business, talk to the Invisible Systems team today.

hello@invisible-systems.com

0161 521 8444

www.invisible-systems.com

