

IBM Maximo

Are your manufacturing assets prepared to meet the reality of COVID-19 era demand?

Scalable, safe and reliable operations have never been more critical for food manufacturers.



IBM

Food manufacturing: The challenges of scaling to meet demand

Digital transformation has been a long-time driver of operational excellence and regulatory compliance and offered food manufacturers a competitive advantage. The global pandemic, however, introduced more risks as well as higher consumer demand. It also underscored the need for solutions above and beyond the standard asset and work management solutions:

- 200% increase in production requirements
- Product and quality inconsistencies
- All-time highs of overworked asset outages
- Higher maintenance costs/less transparency into asset health

Meet the challenges head-on with data and AI

To succeed today, companies need a single integrated suite of asset performance solutions. Systems infused with AI, Machine Learning and Blockchain are key to accelerating digital transformation, scaling as needed and optimizing efficiencies with mobility, predictability and traceability for both equipment and the workforce.



20%

Increase uptime



45%

Reduce labor costs



30%

Increase yield



10%

Reduce plant costs

Put Maximo to work for you

With IBM Maximo Application Suite, connected asset data and machine learning models help plant managers, maintenance workers and technicians to:

Use **Manage** to drill down into specific asset locations and asset history

Use **Assist** and **Mobile** to perform maintenance with guided recommendations and resources

Use **Health** and **Predict** to prioritize maintenance and stop failures before they occur

Use **Visual Inspection** to identify quality issues

Customer spotlight

How a North American dairy producer churns up quality and safety while reducing costs

About the client: With over 30 dairy and cheese manufacturing plants across North America, this client needed a way to integrate business processes across teams, meet quality standards, optimize assets and reduce costs.

The role of Maximo in tracking and delivering safe, quality food products: For 15 years, this client has chosen Maximo. Maximo's flexibility allows them to configure requirements and forms across quality and

maintenance teams, clearly assigning and documenting work orders from one team to another based on safety standards. For machines with large product contact surface areas, that means the final product is safe for consumption and documentation is ready for FDA and USDA audits.

How they use Maximo to optimize asset life and reduce replacement costs: By monitoring the pressure limits in Maximo and setting alert levels for HEPA filters, this client has been able to extend the life and optimize their maintenance schedule for HEPA filters instead of replacing them on an arbitrary, regimented schedule, and has reduced labor hours spent on the time-consuming task of replacing them.

Ready to boost your food manufacturing?

Discover how to use asset performance management to balance costs with risk and performance, and make the most of your assets.



Let's talk!

Schedule time to speak with an IBM expert and find out how you can prepare your manufacturing assets to meet any challenge.

