HEXAGON
Channel partner

Enhancing Asset Performance and Food Safety

with Modern EAM Technologies

A leading US-based food production company, with multiple manufacturing facilities, faced challenges in maintaining operational efficiency and meeting strict food safety regulations.

Addressing these challenges they implemented **HxGN EAM,** streamlining processes, improving asset management, and ensuring the highest level of **food safety.** This integration **reduced downtime**, improved **operational efficiency** and enhanced their ability to meet **regulatory requirements.**

Challenges in Ensuring Safe Food Production

Operational Productivity

Ensuring high operational productivity was critical to maintaining profitability and meeting market demands. The company needed to secure efficient manufacturing processes and maximize equipment uptime.

Food Safety and Compliance

Avoiding contamination and ensuring compliance with food safety regulations were paramount. The company required proactive measures to maintain the highest standards of food safety.

Manual Data Management

Reliance on manual data collection and management processes led to inefficiencies and inaccuracies. This approach hindered timely decision-making and effective asset management.

Scalability Issues

As the company expanded, scalability of their existing systems became a challenge. They needed a robust system that could handle increased data volumes and complexity.

Implementation of HxGN EAM

Automation and Integration

The company automated data collection processes, integrating HxGN EAM with their existing systems. This allowed real-time monitoring and management of equipment performance, reducing manual intervention and errors.

- Implemented sensors and IoT devices for real-time data collection.
- Integrated with existing ERP systems for seamless data flow.

Predictive Maintenance

Utilizing HxGN EAM's predictive maintenance capabilities, the company could anticipate equipment failures and schedule maintenance during non-peak hours, minimizing downtime.

- Analyzed historical data to predict potential equipment failures.
- Scheduled maintenance activities proactively to avoid unexpected breakdowns.

Enhanced Food Safety Measures

The system provided tools for ensuring compliance with food safety regulations, reducing the risk of contamination.

- Implemented automated alerts and workflows for immediate action on potential food safety issues.
- Ensured compliance with industry standards through regular audits and checks.

Scalability and Flexibility

HxGN EAM's scalable architecture allowed the company to handle increased data volumes and complexity as they expanded their operations.

- Scalable cloud-based solution to support growing data needs.
- Flexible configuration options to adapt to changing business requirements.

Achieveing Improved Operational and Compliance Metrics

Improved Operational Efficiency

The company achieved a marked increase in operational efficiency, with reduced downtime and optimized equipment performance.

- Uptime Improvement: Achieved over 92% equipment uptime, a significant increase in operational efficiency.

Enhanced Food Safety and Compliance

Proactive monitoring and management ensured compliance with food safety regulations, reducing contamination risks.

- Food Safety Scores: Maintained high food safety scores, ensuring product quality and safety.

Data-Driven Decision Making

Automated data collection and analysis enabled timely and informed decision-making, improving overall asset management.

- Predictive Maintenance: Reduced unexpected equipment failures through predictive maintenance strategies.

Scalability

The system's scalability supported the company's growth, handling increased data volumes without compromising performance.

- Seamless Expansion: Scalable architecture allowed seamless expansion across multiple facilities.

Leveraging HxGN EAM in the Food & Beverage Industry

Ultimately, the integration of HxGN EAM provided this company with the tools needed to enhance asset performance and ensure food safety.

Through the automation of processes, implementing predictive maintenance, and ensuring scalability, the company achieved significant improvements in operational efficiency and compliance with food safety regulations. These advancements not only boosted productivity but also secured their reputation for high-quality and safe food products.

At Athentis, we specialize in implementing advanced asset management solutions with HxGN EAM to help companies achieve their operational goals.

If you're facing similar challenges and want to enhance your asset performance and food safety, contact us today to learn how we can help you streamline your operations and achieve your business objectives. Visit our website for more information: www.athentis.eu

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