

Asset reliability in the Food & Beverage industry

Effective Asset Performance Management has become crucial to the Food & Beverage industry. No competitive company can afford to hold on to tradition when it comes to the availability, reliability, and safety of production assets. strEAM+ for IBM Maximo is the software that offers real-time insight into your critical assets and work management. It provides all the information you need to ensure your agility in today's volatile FMCG markets.

By using industry-specific data, strEAM+ offers you the capabilities to meet the greatest challenges in Food & Beverage today. Apart from timely responses to changes in consumer demands and OTIF delivery, these challenges often include maximizing reliability, complying with all applicable quality and safety standards, and safeguarding your continued profitability by keeping a tight grip on production costs.

FAST RESULTS

Retaining customer loyalty requires the ability to always deliver what consumers want. Speed is of the essence in Food & Beverage, and the ultra-short operating cycles make many comprehensive approaches to asset reliability too labor-intensive. Companies need to strike the right balance right now, and many use RCA and Quick RCM to identify the most critical assets. strEAM+ facilitates the fast approach to Total Productive Maintenance (TPM). It allows you to standardize many similar assets and quickly integrate maintenance with operations, including machine-setting and operator details.

Companies with a strategic approach to Asset Performance Management (APM) are among the market leaders. The comprehensive functionality of strEAM+ is fully integrated into IBM Maximo, ensuring easy adoption in a familiar working environment. strEAM+ can be extended and fortified with the modules RCM, RCA, RBI, Predictive Modeling, Maintenance Models, and Compliance Manager, for which separate factsheets are available.

PRODUCT INTEGRITY

Several incidents in recent years have underlined the paramount importance of food safety. Even without a full-blown scandal, such events can have potentially devastating effects on your brand reputation and bottom line. In the final analysis, it often turns out that the accident was waiting to happen. The culprit may be a small part or seemingly insignificant lapse in maintenance or calibration, but the fact remains that a lack of control over production assets has caused major expenses. strEAM+ goes a long way in excluding such risks from your operations altogether.

LINE SANITATION

Frequent cleaning and disinfecting (parts of) the line is necessary to safeguard product quality and to prevent the rejection of entire batches. However, as such procedures generally take many hours to complete, it is important to avoid any unscheduled repairs and part replacements that require disassembly and the opening of closed systems. strEAM+ enables a proactive approach through preventive maintenance and the clustering of maintenance tasks. Applying the industry-specific data and best practices in the strEAM+ Maintenance Models will also maximize uptime in new production lines.

FIRST TIME RIGHT

The 'vertical start-up' of new production assets, or the straight line from commissioning to full Overall Equipment Effectiveness (OEE), often remains elusive because of time pressure. Lack of attention for drawings and specifications, CE-certifications, and spare parts generally results in a less than perfect start and a negative impact on total life cycle costs. strEAM+ allows for predictive modeling and Early Equipment Management (EEM) during the design and engineering stages. Upfront insight into equipment interactions and failure behavior makes the biggest contributions to getting it right the first time.

SPARE PART OPTIMIZATION

Many companies keep large stocks of spare parts, 'just to be on the safe side'. These parts often represent a fortune, while most of them have been gathering dust on storage shelves for many years. Risk analysis with strEAM+ allows you to optimize your spare parts management by establishing the criticality of each part. Some may not be needed in great numbers, others may not be needed at all on each production location, or because of today's 24/7 logistic services. strEAM+ provides corporate management with the knowledge and insight needed for sound decision-making on savings and the opportunity cost of capital.

ROOT CAUSE ANALYSIS (RCA)

As the Pareto principle states, 80 percent of consequences stem from 20 percent of causes. Getting to know everything about the root causes of equipment failure is a prerequisite for effective asset performance management. Root Cause Analysis (RCA) is a widely used research and analysis tool to identify your vital assets and the solutions that will prevent failure recurrences. There is no lack of data in modern production environments. strEAM+ provides the means to interpret data and connect all the dots to arrive at the best possible control measures.

SAFETY AND COMPLIANCE

strEAM+ offers all the functionality needed in the Food & Beverage industry to prevent asset reliability problems. The system also provides insight into potential safety issues for employees and generates actionable advice about modifications and remediation measures. Furthermore, strEAM+ will warn you about any compliance and quality issues related to GMP, HACCP and FDA standards. With your license to operate at stake, a proactive approach to full compliance can literally be a lifesaver. strEAM+ provides you with a clear overview of asset criticality, balanced against your business objectives related to production output, costs, quality, safety and compliance.



Powered by MaxGrip

strEAM+ is a solution of MaxGrip, the world's front-runner in Asset Performance Management. Directly embedded into your EAM system, strEAM+ ensures easy adoption, operational focus on reliability, data integrity and real-time insight into asset performance. strEAM+ is the best integrated software solution available today to efficiently balance risks and costs against your business objectives.

MaxGrip is innovative and ambitious. It is our mission to make the world a safer place. We believe that all asset-related incidents can be prevented. By analyzing risks and optimizing maintenance, we enable our clients to focus on their core business and make continuous improvement a way of life.

MaxGrip has an exceptional track record in bridging the gap between theory and practice. We live and breathe reliability, using only proven methodologies to help clients everywhere to meet their Asset Performance Management objectives. The world's largest enterprises already rely on MaxGrip every day.