

Brewing Company



Establishing the foundation for food and beverage asset performance management

1 million square foot, \$250MM manufacturing facility.
Expected to employ **200** or more full-time employees.

BACKSTORY One of America's largest brewers has been riding a wave of success with their multiple brands, including a wildly successful hard seltzer.

Prior to mid-2020, the company manufactured their products primarily through a network of "co-pack" partners. To make the transition to in-house manufacturing, and to keep pace with their stunning success, they built their first state-of-the-art production facility.

During construction of the facility, they set their sights on establishing excellence in Asset and MRO Supply Chain Management.

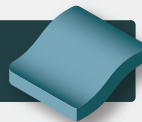


CHALLENGE Stratum was selected to solve the challenges of:

- Implementing a substantial EAM functional footprint aligned with scalable industry standard work and material management processes
- Meeting an accelerated implementation timeline
- Defining and collecting critical data
- Establishing a PM program
- Integrating numerous, complex systems
- Coordinating a communication and training program to support the successful launch of HxGN EAM

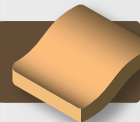
SOLUTION

People



Motivated team: The client and Stratum teams were laser-focused on leveraging HxGN EAM to establish a culture of data-driven equipment reliability. A strong communication and training program was utilized to set the foundation for adoption.

Process



New culture of maintenance: Stratum worked with the client's newly established maintenance department to incorporate best practices and infuse standardized workflows right from the start. This approach would serve as a model for future plants.

Technology



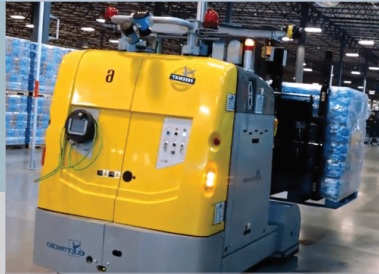
HxGN EAM as the tech solution: HxGN EAM was introduced and configured for the client's needs, including several integrations. HxGN EAM native capabilities and Digital Work mobile applications were configured very closely to "out-of-the-box" with extensions to various client systems.

RESULTS

A second new facility

\$400MM investment creating **300+** new jobs

On-site warehousing and distribution operations



Their first new facility serves as a model for all new plants, including a second facility, which began production in 2021. All plants are equipped with the latest Industry 4.0 food and beverage manufacturing technologies. HxGN EAM is tightly integrated to these systems and configured with scalable industry standard processes, including:



Best practices configuration

ISO 55000 Alignment Adopting the first facility's approach of standardized processes and HxGN EAM configuration allows new plants to achieve a quicker time-to-value.



Control systems integration

Metric Alignment HxGN EAM is interfaced with the plant's SCADA system to enable lights-out data collection of equipment usage metrics (hours/cycles), alarms, and equipment statistics (telemetry data). In addition, plant operators can initiate work requests directly from their HMI panels (touch screens).



Storage carousels

MRO Supply Chain Management HxGN EAM is integrated to the Kardex VLM (Vertical Lift Modules) automated parts carousels for MRO Materials Management. HxGN EAM communicates with the Kardex Power Pick software to actuate the carousel and enable routine inventory transactions including new part creation, part issues/returns, PO receipts/returns, and inventory cycle counts.



Electric80 laser guided vehicles

Work-In-Process Alignment Laser Guided Vehicles (LGVs) enable automation of transport packaging materials and WIP within the plant. Electric80 LGVs are integrated to HxGN EAM to report usage and potential fault codes to maintenance.

Stratum maximizes your HxGN EAM investment by leveraging the essentials of people, process, and technology.

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