

INDUSTRY > Brewing Industry



BREWING SUCCESS THROUGH INTEGRATION

THE HIGHLIGHTS

The merger integration for the leading brewer entailed consolidating product supply and establishing a unified manufacturing architecture. Challenges included **differing cost structures, manufacturing practices, and incompatible systems**. Through executive interviews and meticulous planning, a comprehensive solution was devised, including the development of a common **Quality Management System and integration architecture**. The first brewery implementation yielded significant productivity gains and quality enhancements, with operators taking ownership and reporting processes streamlined. The integration architecture extended across process control, manufacturing execution, LIMS, and SAP-based planning. Overall, **the initiative facilitated cost reduction and quality improvement**, positioning the brewer for sustained success in a competitive market.

THE HEADLINES



**Productivity
and Quality
Enhanced**

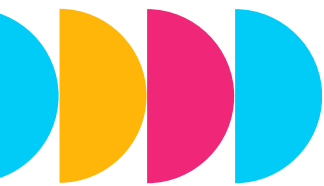


**Reporting
Processes
Streamlined**



**Operational
Efficiency
Improved**





THE DETAILS



SITUATION

Following a merger, a leading brewer faced the imperative to **amalgamate product supply** and establish a **unified manufacturing architecture**. This initiative aimed to instill world-class best practices to drive down costs and enhance quality across operations.

PROBLEM

- Divergent manufacturing and quality protocols existed.
- Incompatibility between supply chain planning and scheduling practices and systems.
- No Quality Management System.
- Highly varied process controls and manufacturing systems architectures and technologies.

SOLUTION

Executive interviews assessed the current state and gathered support for a unified manufacturing strategy, practices, and systems. Business Requirements covered organizational impacts, operator skills, and KPIs. **A common Quality Management System was created.** Shop floor and manufacturing processes were mapped per TPS maturity. An integration architecture for Configurable Manufacturing was developed, driven by recipes and process orders. S88-based reference data models were established. **An integrated enterprise architecture was designed**, alongside standards and prototypes, culminating in successful brewery implementation.

BENEFIT

- Significant productivity increase.
- Quality improvement with tighter standard deviations.
- Operators took ownership of quality, autonomous maintenance, and scheduling.
- Enhanced reporting reduced time-to-detect and time-to-correct exceptions.



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