

DIGITALIZATION OF QA/QC MEASURES FOR A LEADING SOUTH EAST ASIAN BREWERY

We helped our client obtain a better, real-time picture of its operations to detect safety breaches and ensure product quality by digitalizing its QA/QC procedures.

Challenges

Our client is an Asian subsidiary of a global brewing company and faced various challenges in managing its QA/QC and safety compliance for its manufacturing facilities in South East Asia. Breweries were facing greater competition and pressure to provide higher quality products due to saturated product markets, falling consumer demand, and changing consumer tests. In order to manage its complex operations, reduce production lead time, and provide more bespoke products, manufacturers required real-time visibility into their operations to enable better QA/QC and safety controls.

Our Solutions

By leveraging *arc.ops*TM modular functionalities, our client was able to select specific modules to seamlessly deploy alongside its existing software platforms and infrastructure without disruptions to its operations. Satisfied with Arcstone's implementation, the client has chosen to expand its usage of *arc.ops*TM to other production lines within its factory.

Implemented Safety Tracking and QA Status Updates



We implemented the *arc.ops*TM Safety Module across the brewery and the *arc.ops*TM QA module in the canning production line. This was able to provide managers with real-time updates of the safety and QA statuses along the production line.

Developed Dashboards for Visualization on the Production Lines



Using the *arc.ops*TM Dashboard Designer module, the brewery was able to move from paper-based to digital tracking of its canning and safety operations. As a result, both management and line workers were able to have a real-time, unified view of the operations.

Digitalized the Safety Processes Using Web Application



We developed mobile-friendly web applications where line workers and managers could easily input, track, and monitor data related to safety checks and QA/QC in real-time. The applications had built-in digital checklists enabling the brewery to transition to a paperless work scheme. Moreover, the web applications enabled managers to assign auditors to each production zone to ensure QA/QC, streamlining the labor allocation.

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