ARCSTONE

SUCCESS STORY

BETTER REAL-TIME MONITORING AND PRODUCTION CONTROL WITH ARCSTONE

A leading South East Asian rigid plastic packaging company was able to employ specific functions from Arcstone's smart toolsets, allowing for a seamless transition with existing software platforms and infrastructure.

Challenges

The main challenge was to extract data directly from the plastic blow moulding machines. There was no existing ability to monitor any production processes. Although there were multiple systems running at sites, they were running in silos with no integration. There was also no accurate way to count rejected parts or measure scrap.

Our Solutions

Through the consultation process, our software team worked closely with the engineers and senior management of our client to understand all the issues that they were facing. In addition, a key focus was how our client could quickly digitalize its production processes and get real-time visibility to enable product traceability and enhance the scheduling and planning.

Strategic Process Map for Real-Time Tracking

The arc.ops™ Strategic Process Map (SPM) management was implemented for remote access to a real-time view of the production line. SPM showed individual batch statuses and machines that were used. It displays multiple machines, production lines, and facilities from different parts of the world.

Implemented Data Acquisition System with Existing IoT Devices

arc.quire™ Data Acquisition System pulled in streams of data from the production floor. We input the data into a configurable interface, enabling scalable additions of new sensors and machinery. Once data became available through arc.quire™, real-time monitoring and control of operations became a possibility with Arcstone modules.

Software Linking System to Integrate Multiple Systems on Site

Arcstone's arc.link™ system easily integrated with their existing software solutions. The system also centralized core data into specific databases to prevent mismatches, ensuring all available data is made visible during times of visualization and optimization.

Start your Digitalization Journey with us today!
Visit www.arcstone.co for products and services
For queries, email us at contact@arcstone.co

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