

MANUFACTURING EFFICIENCY WITH ARCSTONE'S OEE MANAGEMENT SOLUTION

Driven by long-term engagements with the Client, Arcstone's toolsets have helped modernize, digitalize and optimize one of their food and beverage plants in Indonesia and is ready to scale globally!

Challenges

There was a significant need to improve performance, quality and efficiency at the Client's F&B plant. Shop floor data was recorded manually which typically took up to 4-6 hours/day. Delays in real-time data caused machine utilization, quality and overall performance to suffer. Machines faults went unnoticed and defect rates increased undetected. There was a need for rapid change!

Solutions

>162 Worker Hours Saved / Month

Fully automated machine integration and digital inputs



99.2% Real-time Data Accuracy

Complete machine loss classifications with easy to use UI



Real-Time Push Notifications

Workers & Managers immediately notified of machine faults



Enterprise Ready Scalability

Solution self-configurable for any number of new sites

The Client leveraged a suite of Arcstone's *arc.ops*TM modules to automate data collection directly from the machines. This was paired with easy to use interfaces for operators to key in missing data. With information flowing in real time, efficiency, productivity and quality increased dramatically!

Real-Time Automated OEE Interface & Dashboards



Replaced paper records with smart tablets capable of reading and identifying potential downtime reasons from machine status, while allowing operators to input extra details. Empowered one true source of data for OEE and reporting.

3rd Party Software & Maintenance System Integration

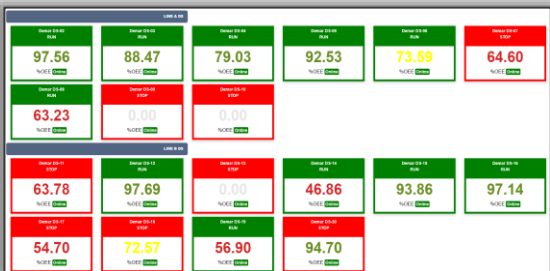
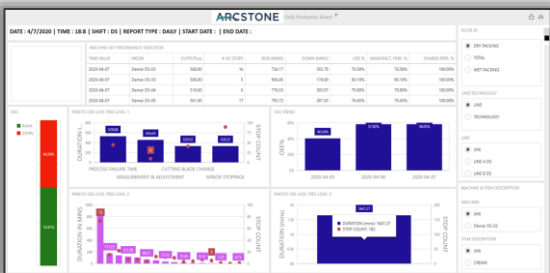


Integrated with the existing maintenance system for all machines. Enabled full control over maintenance scheduling, allowing for immediate root causes detection whenever breakdown occurred.

Integrated Real-Time Alerts System Direct to Managers



Enabled real-time alerts through Telegram SMS whenever machine downtime was longer than 30/60 minutes allowing upper management to respond much faster and know exactly what happened and which machines to prioritize.



Start your Digitalization Journey with us today!

Visit www.arcstone.co for products and services
For queries, email us at contact@arcstone.co