

CASE STUDY

Driving Manufacturing Efficiency Through ITHENA's Ignition-Powered MES Solution

Client Profile

A leading global packaged food manufacturer supplying high-demand consumer products across international markets.



Implementing Ignition has been a game-changer. We've gained real-time visibility into our operations and significantly improved our OEE, manufacturing efficiency and responsiveness. It's helped us move from reactive to proactive manufacturing.

- VP, Global Operations

CHALLENGES

The client struggled with:

- Limited visibility into machine-level performance across production lines
- Compliance and traceability issues impacting operational standards
- Inefficient production scheduling resulting in suboptimal throughput
- High levels of material waste and longer cycle times impacting overall productivity

SOLUTIONS

The client partnered with ITHENA and implemented Ignition-powered MES solution:

1

Real-Time OEE Tracking

Enabled seamless integration with the client's ERP system and provided a unified view of equipment performance metrics to monitor and improve line efficiency

2

Traceability & Genealogy

Enabled full product traceability across batches and production lines, critical for food safety compliance and root cause analysis

3

Process Execution Management

Standardized and digitized shop floor operations to ensure consistent process adherence and reduce manual intervention

4

Quality Control

Improved quality control through real-time production monitoring to minimize defects



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OPPORTUNITY FOR IMPACT

15%

Increase in
OEE

25%

Increase in service
compliance &
traceability

12%

Improvement in
throughput