Success Case

Food Packaging Plant

SEMEQ
AI-Driven Factory Reliability

Reduced maintenance costs by 40% and labor hours by 35%.

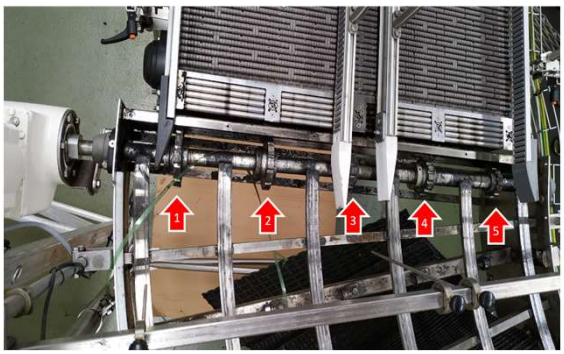
Semeq Predictive Maintenance Monitoring

Illinois

A major food packaging plant relied on manual inspections and time-based preventive routines. While functional, this approach drove up costs and consumed significant labor hours each year, limiting the site's ability to focus on high-value maintenance.

Problem

Without real-time visibility into equipment health, maintenance teams spent excessive time on repetitive inspection tasks. Mechanical and electrical issues were often detected late, generating unnecessary costs and reactive interventions. Planning accuracy suffered, and maintenance efficiency remained low.



Solution

The plant shifted from time-based inspections to a predictive, data-driven approach supported by SEMEQ's multi-technology sensors and real-time diagnostics. AI insights highlighted developing issues earlier, while weekly reliability reviews helped prioritize actions and eliminate unnecessary work. AI-driven predictive insights replaced routine inspections, improving planning efficiency across the packaging line.

Results

Maintenance Costs: -40% Labor Hours: -35% Payback: < 8 Months

"Predictive insights helped us plan smarter and save resources."
— Operations Leader, Food Packaging Facility.