

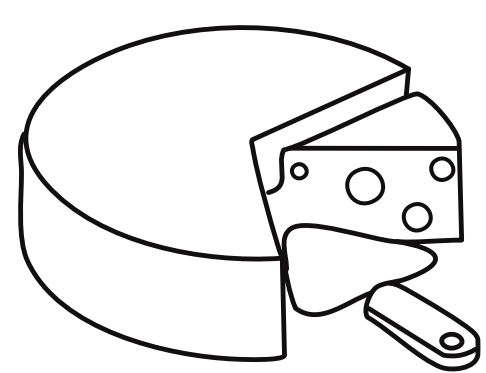
COMPLEX PRODUCTION PROCESSES

TO SEE ENABLES TO ACT

Complexity doesn't have to mean chaos—but only when you can see and control it. Without complete visibility into production processes, what remains invisible becomes a breeding ground for inefficiency, waste, and costly failures.

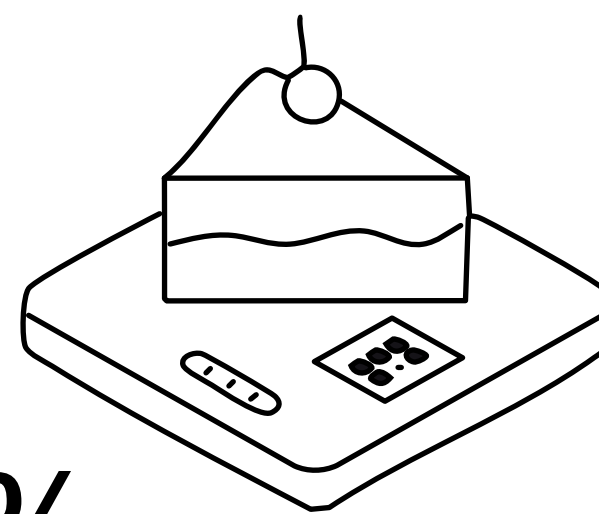
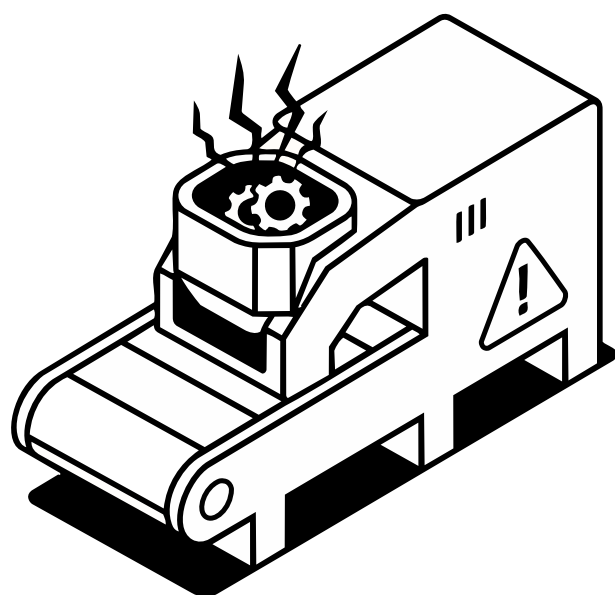


INDUSTRY INSIGHTS & STATISTICS



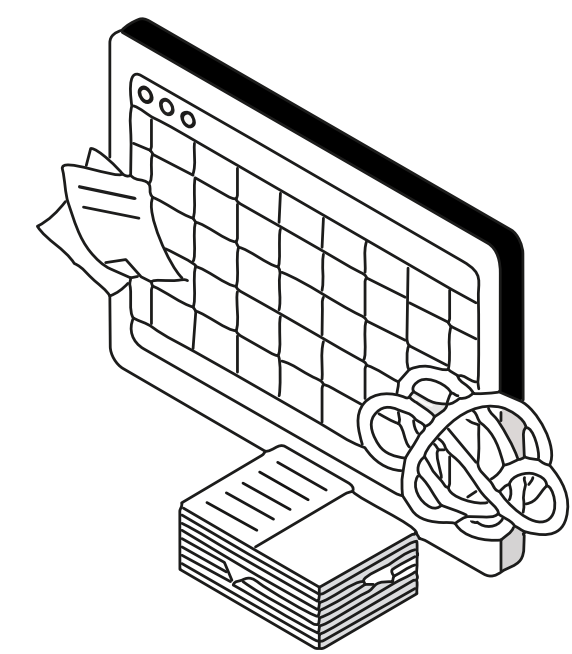
62%

of food and beverage manufacturers say that **unscheduled equipment failures remain a weekly threat.**



73%

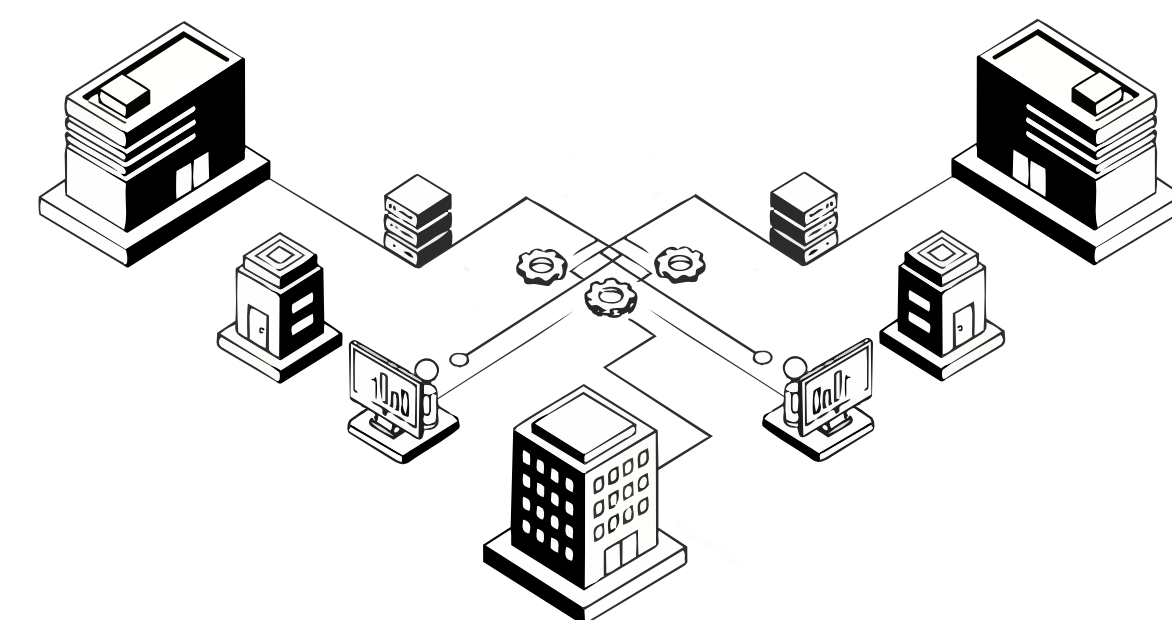
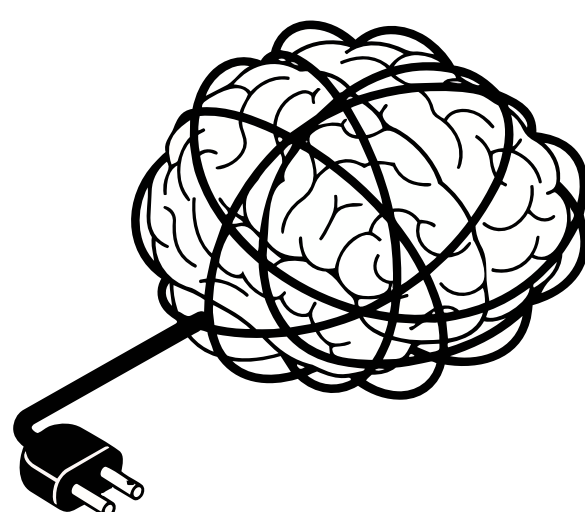
of F&B leaders cite data silos as a serious issue, **while 66% don't use real-time data to monitor processes.**



48%

of F&B suppliers still rely on **manual spreadsheets for daily operations**—adding complexity instead of eliminating it.

The result: many manufacturing decisions are made on gut instinct rather than facts.



Companies with integrated visibility reduce downtime and **save 8-12% on maintenance costs.**

HOW TO TAME THE CHAOS

- ▶ **Replace intuition with analytics** – Systems that capture operator knowledge and translate it into measurable process control enable consistent performance regardless of who's on shift.
- ▶ **Automate what's currently manual** – **Integrated reporting and traceability** eliminate manual data collection, reducing errors and ensuring compliance.

- ▶ **Connect fragmented data into one real-time view** – Platforms that consolidate production, quality, and equipment data eliminate blind spots and enable decisions based on complete information.
- ▶ **Shift from reactive to predictive** – Continuous monitoring identifies equipment issues days before failure, preventing unplanned stops.
- ▶ **Enable instant response** – **Real-time alerts and remote access** let teams address issues in minutes instead of hours, preventing small problems from becoming expensive failures.

CASE STUDIES

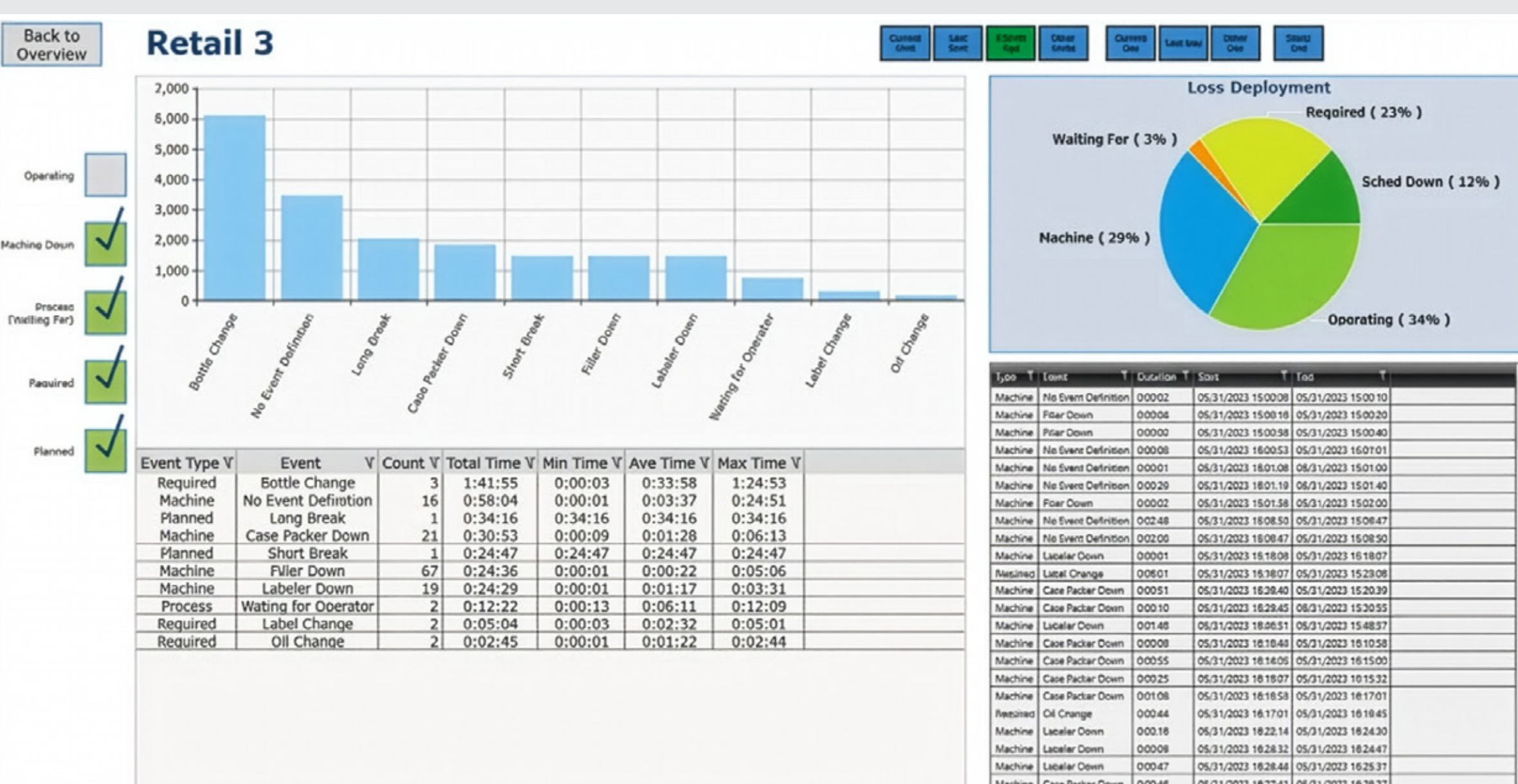
▶ CATANIA OILS: FULL OPERATIONAL CLARITY

● CHALLENGE

A leading provider of conventional, non-GMO, and organic oils needed to leverage data for plantwide visibility into production. They lacked real-time insight into line status, tank levels, batch management, and overall equipment efficiency—forcing decisions without complete information. This created significant risk of inefficient production and losses that often went unmeasured and unaddressed.

▲ SOLUTION

Implemented SCADA GENESIS visualization platform with Hyper Historian for real-time monitoring, OEE tracking, and loss deployment analysis across their high-tech manufacturing facility.



▲ RESULTS

Real-time visibility into all production lines and tank levels for optimized raw material ordering based on actual storage capacity.

OEE monitoring and loss deployment analysis enabled focused resource allocation to priority problems instead of reactive firefighting.

Complete batch traceability for regulatory compliance and rapid issue identification when quality problems occur.

CASE STUDIES

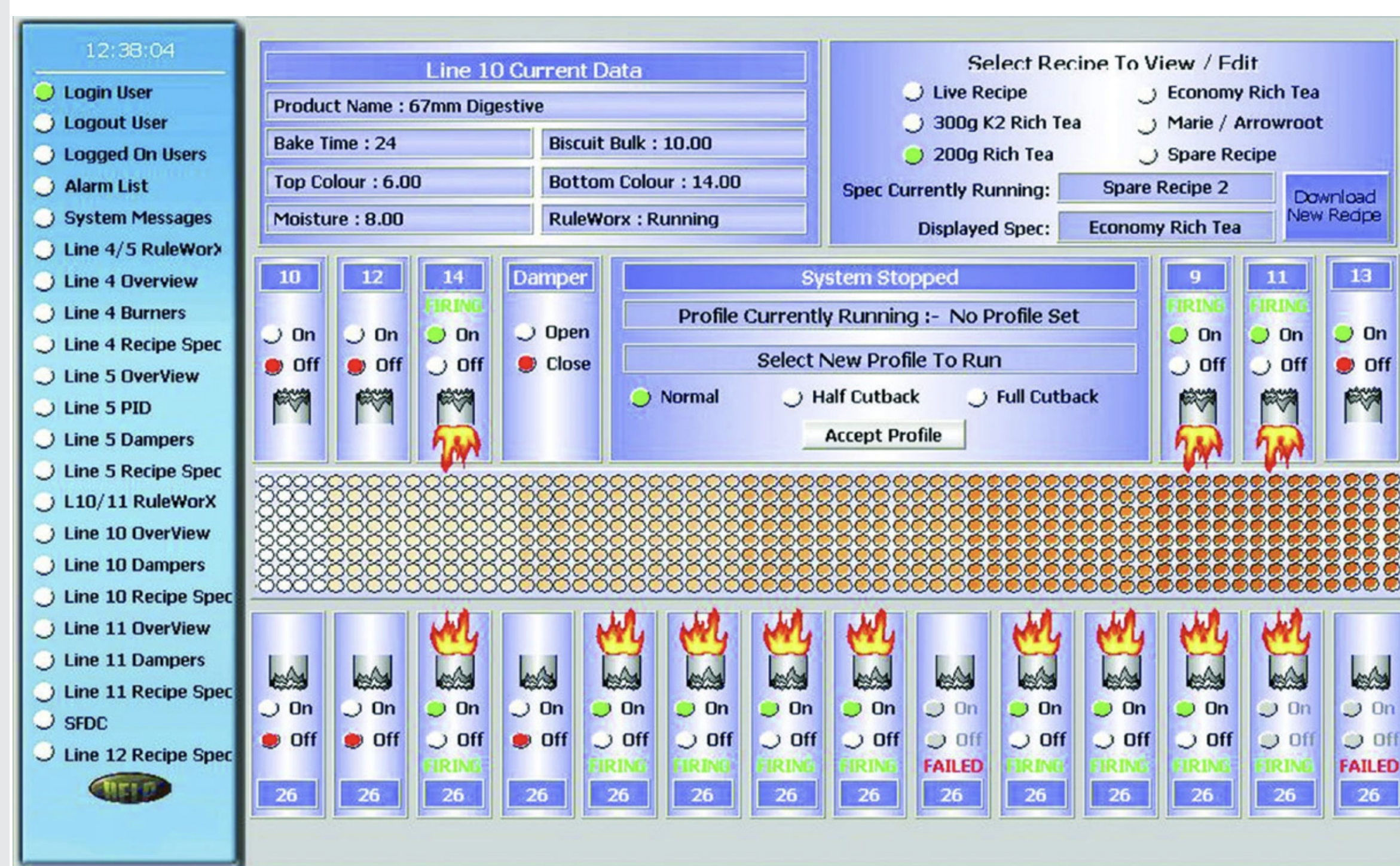
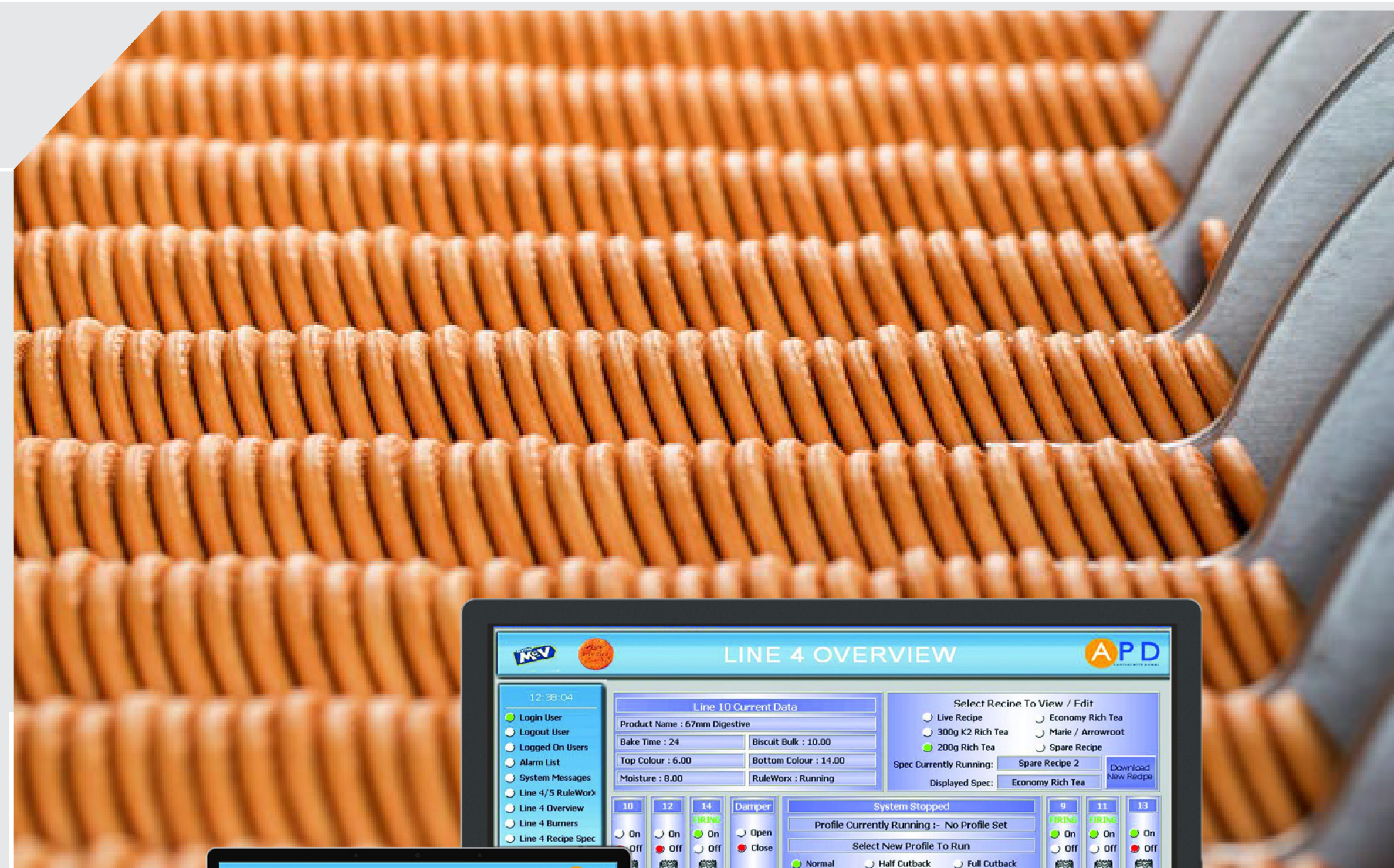
▶ UNITED BISCUITS (MCVITIE'S): REAL-TIME ADJUSTING

● CHALLENGE

At their Glasgow plant producing McVitie's Rich Tea biscuits, United Biscuits needed to translate 30+ years of operator experience into automatic, high-performance process control. Without integrated visibility across their multi-zone oven and production stages, they couldn't optimize quality or efficiency—relying on human intuition instead of data-driven decisions.

▲ SOLUTION

Implemented **GENESIS Solution Suite with KPI tracking, OEE monitoring, and real-time analytics**. The system automatically adjusts oven controls based on biscuit quality data, replacing manual operator interventions with intelligent automation.



▲ RESULTS

Line efficiency improved by 2.5%.

Higher-quality biscuits through consistent, data-driven process control.

Automated control system eliminated reliance on operator intuition, enabling 24/7 optimal performance.

DISCOVER THE OMNI-PROCESS VISIBILITY



▲ SOURCES

- ▶ <https://www.instrumentel.com/blog/news/condition-based-monitoring-food-and-beverage/>
 - ▶ <https://www.linkedin.com/pulse/smart-data-better-food-manufacturing-webito-ai-wbrjf>
 - ▶ <https://supplychainstrategy.media/blog/2024/11/12/strengthening-fb-supply-chains-the-critical-role-of-first-mile-optimisation/>
 - ▶ <https://foodindustryexecutive.com/2024/09/manual-outdated-processes-remain-prevalent-among-fb-suppliers-tracegains/>
 - ▶ <https://iconics.com/resources/success-stories/catania-oils>
 - ▶ <https://iconics.com/resources/success-stories/united-biscuits>
-