AUTO SCHEDULER

CASE STUDY

From Manual Planning to AI Driven Flow

INDUSTRY Food & Beverage Manufacturing

REGION Global Multi-Site Operations

The Challenge

For years, a global food and beverage leader managed operations through a network of plant-attached warehouses—each running on a mix of ERP, MES, WMS, WES, and custom reporting tools. Despite heavy investments in automation, operations still ran in silos.

Manufacturing systems operated independently from distribution systems, and trip schedules lived in separate traffic data sources. As complexity grew, the company relied on experienced dock leads to "figure it out." Tribal knowledge became the glue that held operations together—but it also became a bottleneck.

Incremental improvements were no longer enough.

> "Traditionally, it's just 'do better, do better' — maybe 1% here, 2% there. We got to a point where we said, hey, we need to actually do something different versus just do better in order to get a step-function change."

The Transformation

The company introduced an AI-driven Warehouse Decision Agent to orchestrate daily operations across sites. The goal was to harmonize data from multiple systems into a single source of truth and move from reactive decision-making to predictive, data-informed execution.

"It's not about replacing systems—it's about orchestrating."

The deployment began with a pilot focused on:

- Auto-executing warehouse decisions while leaders manage exceptions.
- Reducing travel distance by optimizing trailer placement.
- Maximizing fill rates and labor utilization.
- Creating visibility into the current and future state of operations—up to 36 hours ahead.

Even with challenges like inconsistent WMS data and natural resistance to change, the team implemented a centralized "run-right" support group to standardize adoption and ensure results were measurable across all sites.

RESULTS

The rollout delivered measurable and sustainable improvements across the network:

9–14%
average productivity gains per facility

+35%
increase in product flow

36 hr
rolling visibility with predictive crewing and shift-level attainment dashboards

Consistency across sites—regardless of who was managing the dock

Blind spots eliminated through real-time orchestration

> "It doesn't matter who is leading the team... You could have a brand-new employee working on an off-shift and have the same information and the same decision-making capability as a 15–20-year employee."

The optimized plan now defines:

Who does the work, **what** tasks they perform, **when** it starts and ends, and **where** it happens—creating order from chaos.

The Impact

By moving from traditional WES systems to a Warehouse Decision Agent, the company achieved a true step-change in performance. Decision-making is no longer dependent on individual experience; it's driven by harmonized data, predictive analytics, and AI guidance.

"If our key folks in the warehouse had more time to just use their expertise and see, 'how can we make things better?' — that's a win for us."

The result: a calmer, smarter, more synchronized warehouse network—where every decision counts and every shift "wins."

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Ready to see how a WAREHOUSE DECISION AGENT can transform your warehouse?

This is the only warehouse agent that's actually live — and we're giving you free access. While others are just talking about AI, the Warehouse Decision Agent is already working in real warehouses today.

No heavy IT projects, no complicated setup.
Just upload your schedule and see for yourself.

Try the Agent for Free