Making Warehouse Decisions Work Together

The Reality of Decision Overload

Warehouses now make more decisions per hour than people can manage.

When labor, automation, production, yard, and execution all change at once, decisions break apart.

Firefighting becomes the operating model, hiding margin, driving burnout, and creating costs no one sees.

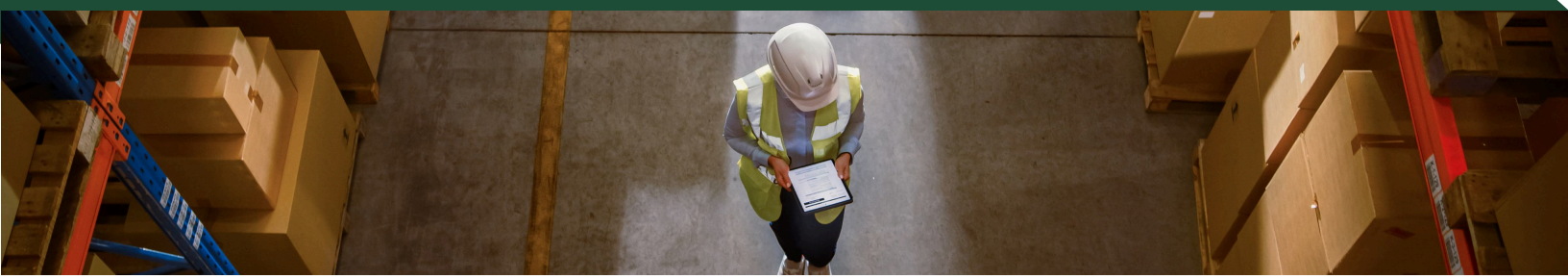
The issue is not a lack of automation or data.
It is decision overload.

The Shift: From Firefighting to Orchestration

Instead of managers manually connecting systems, AutoScheduler introduces Warehouse Orchestration, a decision layer that continuously coordinates labor, docks, equipment, and work priorities around an optimized plan that adapts throughout the shift.

The result is:

- Fewer bottlenecks during the shift
- Better utilization of labor and automation
- Faster recovery from disruptions
- **Decisions aligned to an optimized plan, not gut feel**



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3 Questions AutoScheduler Helps Answer

1. Do you have real-time visibility into what's actually happening in each warehouse, not just what the WMS thinks is happening?
2. Do you know what your warehouse should be doing right now, and how different that is from what it is doing?
3. When things change, production runs long, trucks are late, and orders spike, does your network automatically re-optimize, or does everyone scramble manually?

How AutoScheduler Works

Allocating the Workforce

Identifies the right work for labor & robotics

Adjusting Wave Releases

Flow work optimally

Assigning Dock Doors

Reduce net travel and turn dock faster

Flagging At-risk Shipments

Identifies bottlenecks & potential workarounds

Adapts Automatically To Deviations From Plan

Continuously optimizes to maximize outcomes

Measures Performance

Calculates "attainment of optimal" for every site & shift historically

Managers remain in control.
They can approve, override, or update information, while AutoScheduler handles the heavy lifting of re-optimizing the plan.

Optimization at the Core

AutoScheduler is powered by an optimization engine that evaluates constraints, priorities, and trade-offs across the warehouse.

Rather than relying on static rules or fixed sequences, the system continuously recalculates the best feasible plan as conditions change during the shift.

This optimization layer ensures that labor, docks, equipment, and automation decisions are aligned to the same objective, even as reality deviates from plan.

Why AutoScheduler Is Different

Most warehouse systems focus on visibility or execution. AutoScheduler focuses on decisions.

What makes AutoScheduler different:

- Built for intra-day, shift-level decision-making
- Operates minute by minute, not just at planning time
- Coordinates across multiple systems and resources simultaneously
- Designed to reduce human firefighting, not add more dashboards

Customer Example: From Manual Planning to AI-Driven Flow

A global F&B manufacturer with plant-attached warehouses was struggling with siloed systems across ERP, MES, WMS, WES, and custom tools. Despite heavy automation investments, daily execution still depended on tribal knowledge and manual coordination.

AutoScheduler was deployed as a Warehouse Decision Agent to orchestrate execution across sites. Instead of replacing existing systems, it harmonized data into a single operational view and coordinated labor, dock, and execution decisions throughout the shift.

The results included:

↑ 9% - 14%
Average productivity gains per facility

↑ 35%
Increase in product flow

UP TO 36 HOURS
Of rolling visibility into current and future operations

CONSISTENT EXECUTION
Across sites, regardless of who was managing dock

Meet the Warehouse Decision Agent

AutoScheduler is the Decision Agent that orchestrates your warehouse by providing optimal decisions for labor, yard, execution, and automation together on top of your existing WMS.

AUTO SCHEDULER

Start Now