



CASE STUDY 10

AI Logistics Control Tower

Enterprise Transportation & Supply Chain

Agentic AI | Data Analytics | Automation

Business Challenge

Large organizations often have information distributed across ERP, WMS, TMS, GPS providers, transporters, warehouses and spreadsheets. Managers spend significant time manually determining which shipments are delayed, why, and what requires immediate action.

Solution

An AI Logistics Control Tower connects the enterprise's existing systems and continuously analyzes operational data, identifying delayed shipments, dispatch bottlenecks, low vehicle utilization, inventory awaiting dispatch, carrier SLA violations, route deviations, unusual freight costs and at-risk priority orders.

- Delayed shipment identification
- Warehouse dispatch bottleneck detection
- Low vehicle utilization flags
- Carrier SLA violation tracking
- Route deviation and freight-cost anomaly detection
- High-priority order risk alerts

Solution Flow



Business Value

Instead of only displaying dashboards, the AI agent explains, for example: '12 shipments require attention today. Four may miss SLA, three are waiting for carrier allocation, and five can potentially be consolidated into three vehicles.' This transforms logistics reporting from a retrospective dashboard into a proactive decision-support and operational-command system.

TECHNOLOGY

Agentic AI, Data Analytics, System Integration (ERP/WMS/TMS/GPS), Natural Language Insights