

Intelligent Operations Cockpit

An AI Agent solution that either sits as a Control Tower on top of your tech stack, or lands recommendations directly into your tools of choice via MCPs, Claude, Copilot, Codex & more

WMS TMS IoT / Edge SNEW MCP Claude Copilot Codex

10+ DATA SOURCES	Real-time EDGE INTELLIGENCE	2 Models CONTROL TOWER OR EMBEDDED	4 Weeks ASSESSMENT
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THE SUPPLY CHAIN CHALLENGE

Modern retail supply chains generate massive volumes of data across disconnected systems — WMS, TMS, IoT sensors, edge devices, SNEW feeds, and demand planning tools. Without a unified intelligence layer, warehouses operate reactively, leading to inefficiencies in pick, pack, ship, and staging operations.

<p>Siloed Systems WMS, TMS & planning tools don't share real-time context</p>	<p>Manual Decisions Warehouse ops rely on human judgment, not data-driven AI</p>	<p>Blind Spots IoT & edge data underutilized for operational decisions</p>	<p>Reactive Operations No predictive capability for demand spikes or bottlenecks</p>
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TWO DEPLOYMENT MODELS

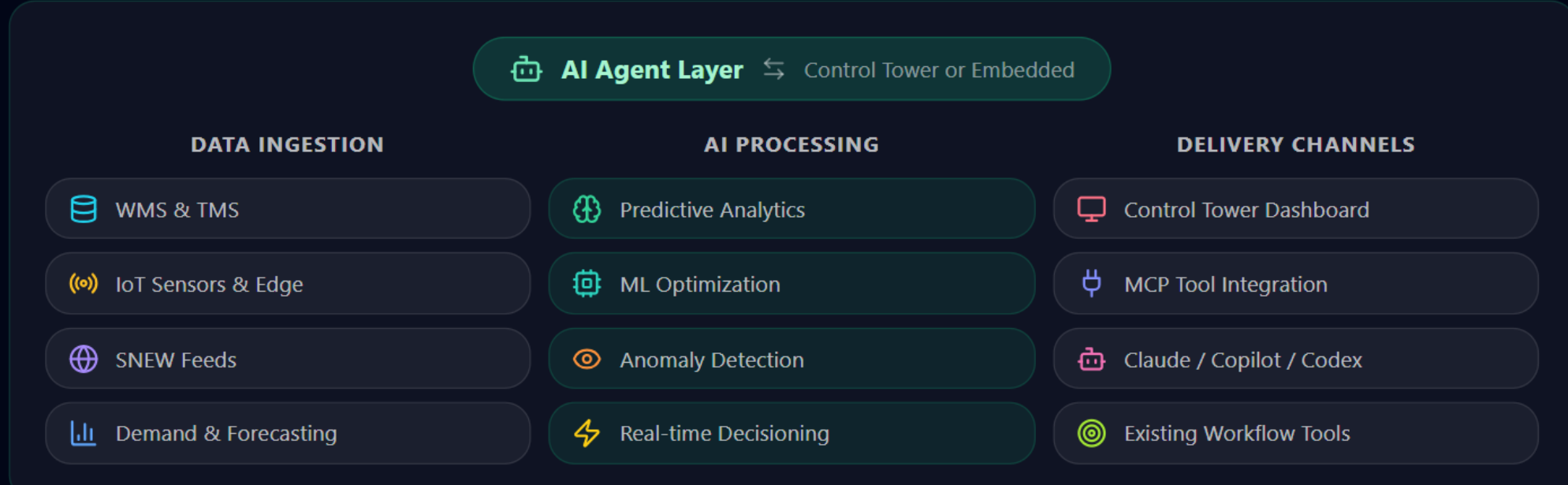
Choose the deployment model that fits your organization: a centralized AI Control Tower that sits on top of your entire tech stack, or an embedded approach that lands AI agent recommendations and actions directly into your existing tools using standard technologies like MCPs, Claude, Copilot, Codex, and Digital Ocean.

<p>Option A: AI Control Tower A unified cockpit layer that sits on top of your entire technology stack, ingesting data from all systems and delivering centralized intelligence.</p> <ul style="list-style-type: none"> Single pane of glass for all operations Centralized AI decisioning engine Cross-system correlation & insights Custom dashboards & KPI tracking 	<p>Option B: Embedded AI Agents Land AI recommendations and actions directly into the tools your teams already use, powered by standard integration technologies.</p> <ul style="list-style-type: none"> MCPs for standardized tool integration Claude, Copilot & Codex as AI interfaces Digital Ocean & cloud-native deployment Actions surface in existing workflows
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POWERED BY STANDARD TECHNOLOGIES

MCP (Model Context Protocol) Claude AI GitHub Copilot OpenAI Codex Digital Ocean REST / GraphQL APIs

AI AGENT ARCHITECTURE



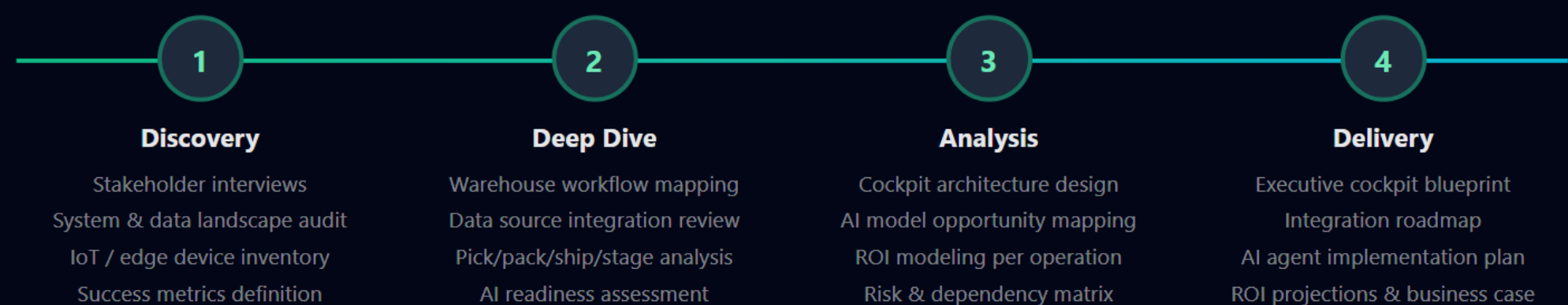
ECOSYSTEM INTEGRATION POINTS

<p>Warehouse Management</p> <ul style="list-style-type: none"> Inventory level optimization Pick path intelligence Slot allocation AI Labor planning automation 	<p>Transportation Management</p> <ul style="list-style-type: none"> Route optimization models Carrier selection AI Load consolidation Delivery ETA prediction 	<p>IoT & Edge Devices</p> <ul style="list-style-type: none"> Conveyor & sorter telemetry RFID / barcode scan streams Environmental sensors Equipment health monitoring
<p>SNEW & External Feeds</p> <ul style="list-style-type: none"> Supplier notifications Weather impact analysis Market event signals Regulatory compliance alerts 	<p>Demand Planning</p> <ul style="list-style-type: none"> Seasonal demand forecasting Promotional lift modeling SKU velocity analysis Safety stock optimization 	<p>Order Management</p> <ul style="list-style-type: none"> Order prioritization engine Split shipment logic Returns processing AI SLA compliance tracking

AI-AUTOMATED WAREHOUSE OPERATIONS

<p>Pick</p> <ul style="list-style-type: none"> AI-optimized pick paths Wave vs. batch decisioning Zone balancing algorithms Real-time replenishment triggers 	<p>Pack</p> <ul style="list-style-type: none"> Carton size optimization Packaging material selection Weight distribution AI Compliance label automation 	<p>Ship</p> <ul style="list-style-type: none"> Carrier rate optimization Multi-modal routing Consolidation intelligence Last-mile prediction models 	<p>Stage</p> <ul style="list-style-type: none"> Dock door assignment AI Load sequencing optimization Staging area management Departure scheduling
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4-WEEK ENGAGEMENT TIMELINE



ASSESSMENT DELIVERABLES

Cockpit Blueprint Report	Operations Maturity Scorecard	AI Agent Roadmap	ROI Business Case	Integration Architecture
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EXPECTED OUTCOMES

<p>30-50% Reduction in pick-to-ship cycle time</p>	<p>25-40% Decrease in operational labor costs</p>	<p>99.5%+ Order accuracy with AI validation</p>	<p>Real-time End-to-end supply chain visibility</p>
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Ready to Build Your AI Operations Cockpit?

Schedule a 30-minute discovery call to map your supply chain ecosystem and identify high-impact AI automation opportunities.

- Discovery Call
- Assessment Kickoff
- Cockpit Blueprint