

Real-Time Orchestration for Manufacturing

Vantiq is a real-time orchestration and operational AI platform purpose-built for manufacturing environments where situational awareness and rapid action are critical. It connects machines, sensors, enterprise systems, and AI models into a unified layer that can detect events as they happen and coordinate immediate responses. Instead of relying on delayed insights from dashboards, manufacturers can monitor production conditions continuously, identify anomalies instantly, and automate decisions directly on the factory floor or at the edge.

By enabling event-driven operations, Vantiq helps manufacturers improve uptime, optimize throughput, and enhance quality without adding complexity to existing systems. Its ability to process and act on data locally supports low-latency use cases while maintaining data control across facilities. The result is a more resilient, adaptive operation where AI moves beyond analysis and becomes embedded in day-to-day execution.



Next-Generation Features



Orchestrates AI and multi-agent systems asynchronously



Event-driven, distributed and federated



Runs multiple AI models simultaneously



Patented technology to enhance AI trustworthiness

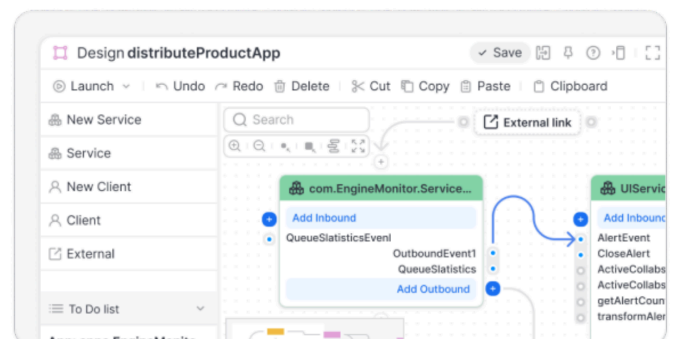
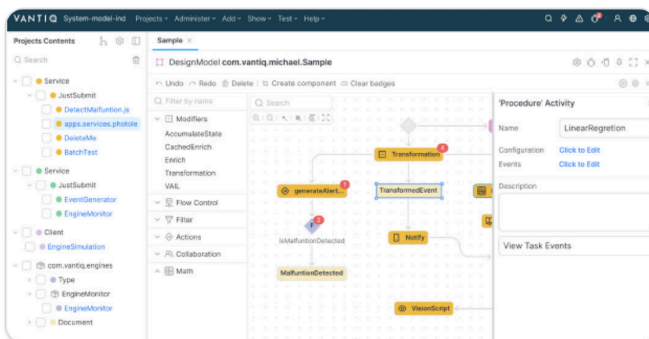


High velocity data in digital and physical environments



Automated GenAI prompting and learning in real-time

Simplify the Complex – From Idea to Production in Weeks



Why Choose Vantiq?



Mission-Critical Systems

Engineered for reliability, security, and massive scale



Beyond Models and Agents

Orchestrate AI, data, systems, devices, workflows, humans



Real-Time, Event-Driven

Vantiq takes appropriate action the instant things happen



Build AI-Driven Apps Faster

Accelerate AI application development by up to 10X, delivering robust impact in weeks



Dynamically Adapts

Based on live context, signals, triggers across edge and cloud



Runs Anywhere

Vantiq logic can be distributed where needed – Anywhere!

Real-World Use Cases

Real-Time Line Disruption Response

Vantiq detects disruptions instantly and orchestrates coordinated responses across machines, workflows, and operators in real time.



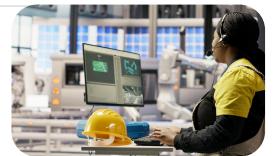
Adaptive Quality Inspection and Correction

Vantiq identifies defects in real time and triggers immediate corrective actions across machines, operators, and quality systems.



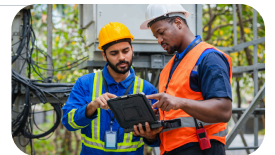
Dynamic Process Safety Monitoring

Vantiq detects hazardous conditions early and orchestrates automated safety actions, alerts, and shutdowns within milliseconds.



Predictive Maintenance with Instant Action

Vantiq triggers real-time maintenance workflows, parts ordering, and machine adjustments as failure risks emerge.



Supply Chain Disruption Recovery

Vantiq detects disruptions early and dynamically re-optimizes production schedules, inventory allocation, and sourcing decisions in real time.



See how real-time orchestration and AI-driven automation can transform your manufacturing operations.

Schedule a live demonstration and discover what's possible.

Visit www.vantiq.com