

Real-Time AI Orchestration for Healthcare

Operational healthcare systems generate massive volumes of information and insights, yet struggle to act on it in time. Siloed technologies, fragmented workflows, and latencies make it difficult to coordinate care, optimize resources, or respond to rapidly evolving situations. The result: increased clinician burden, operational inefficiencies, missed opportunities to improve outcomes, and rising costs.

Vantique's real-time AI orchestration platform connects live data, AI agents and models, and human-in-the-loop workflows to enable faster decisions and automated, coordinated action. By orchestrating GenAI, hospital systems, and care teams, Vantique powers intelligent applications that manage healthcare operations, coordinate emergency response, and support clinicians at the point of care.



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

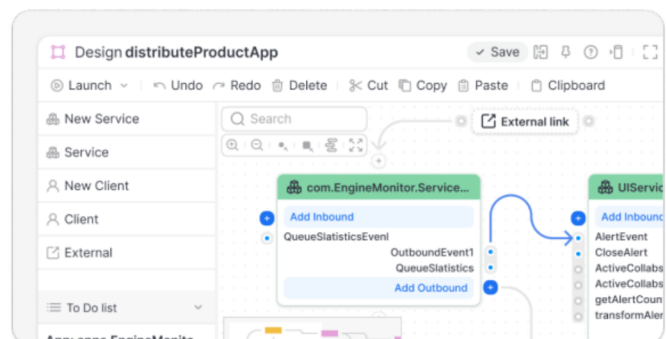
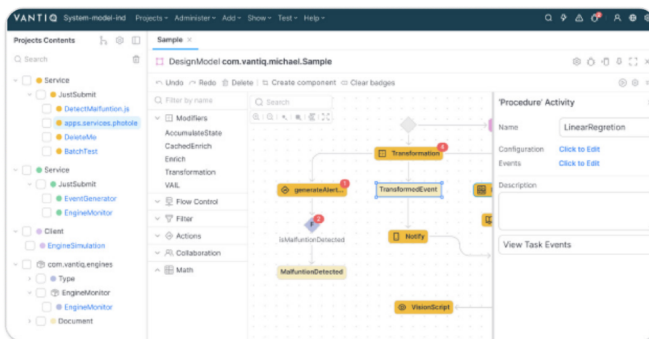


High velocity data in digital and physical environments



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 Deployments

Real-time discharge coordination (TransformativeMed & Vantiq)

AI-powered clinical workflows analyze EHR data in real time, identify discharge barriers, and alert care teams to accelerate discharge and improve hospital throughput.

- **Orchestrated AI-powered discharge:** gathers updates across the EHR, surfaces discharge blockers, and alerts the right care team member instantly



Smart wound management system (Telemedicine Inc. & Vantiq)

Image recognition-driven wound management delivers real-time recommendations, improving outcomes and efficiency.

- **Real-time AI recommendations:** integrated with the EHR to improve clinical decisions, reduce rehospitalizations, and lower costs



Intelligent elder care coordination (Etevers & Vantiq)

AI-powered safety, wellness, and coordination system ensures proactive care and faster response for senior populations.

- **AI-assisted coordination & response:** orchestrates caregivers, emergency teams, and digital workflows across facilities to streamline decisions and improve safety



Brain health diagnostics and clinical decision support (NeuroSync & Vantiq)

Platform captures and analyzes neurological data in real time to improve diagnostic accuracy and accelerate treatment decisions.

- **Structured clinical insights:** aggregates reports, EHR data, and clinical notes into actionable insights to support faster, more informed care decisions



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

Schedule a live demonstration and discover what's possible.

Visit www.vantiq.com