

Real-Time Orchestration for Energy and Utility Operations

Vantiq's event-driven orchestration platform powers the real-time integration and adaptive automation required to manage today's complex energy and utility operations. It connects grid infrastructure, field systems, sensors, and AI models to detect, interpret, and act on events as they occur.

By orchestrating systems and teams in real time, Vantiq enables faster response to outages, better coordination of distributed energy resources, and more efficient day-to-day operations. Built for reliability, scalability, and continuous operation, the Vantiq platform supports the dynamic demands of modern energy infrastructure and helps utilities operate with greater speed, visibility, and control.



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

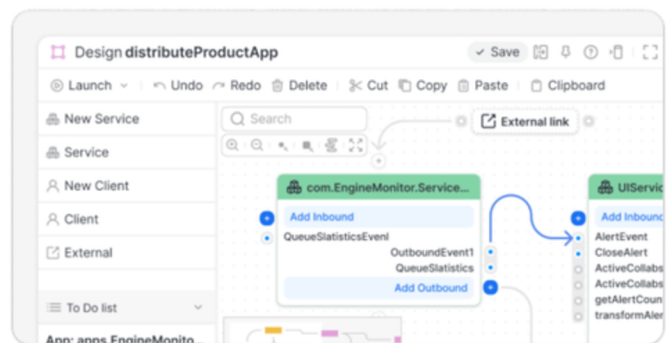
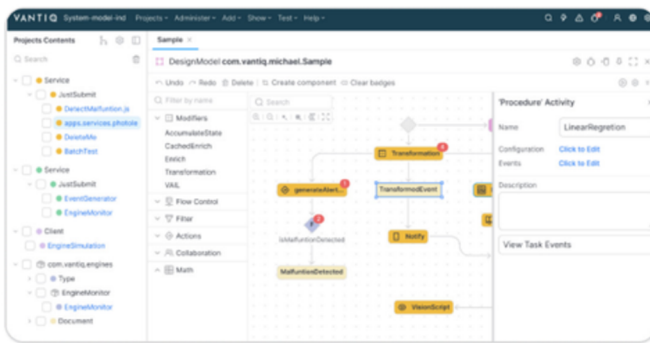


High velocity data in digital and physical environments



Automated GenAI prompting and learning in real-time

Simplify the Complex – From Idea to Production in Weeks



Trusted by:

أرامكو السعودية
saudi aramco

TOTAL

ELECTRA ELCO C&S
CONSIDER IT DONE

NTT DATA

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

Grid Load Balancing

Continuously balances supply and demand across the grid, adjusting in real time to prevent overloads and maintain stability.



Outage Detection and Response

Identifies outages instantly and coordinates crews, systems, and alerts to restore service as quickly as possible.



Distributed Energy Coordination

Manages solar, storage, and other distributed resources in real time to optimize performance and reduce grid strain.



Predictive Asset Maintenance

Monitors infrastructure continuously and flags potential failures early to reduce downtime and extend asset life.



Field Crew Dispatching

Automatically assigns and routes field crews based on real-time conditions, improving response times and operational efficiency.



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

Schedule a live demonstration and discover what's possible.

Visit www.vantiq.com