

Real-Time Orchestration for Smart Cities

Vantique's real-time orchestration platform provides the infrastructure and tools for developing and deploying AI-powered systems and applications, setting a new standard for smart cities innovation. It seamlessly unifies diverse data sources, systems, IoT and AI technologies to detect, interpret, and take action as events unfold.

Through event-driven orchestration of systems and people, Vantique ensures swift, coordinated actions, enhancing decision-making and operational efficiency. Built with unparalleled reliability and scalability, the Vantique platform enables solutions that are agile, future-ready and tailored to the complex demands of modern cities.



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

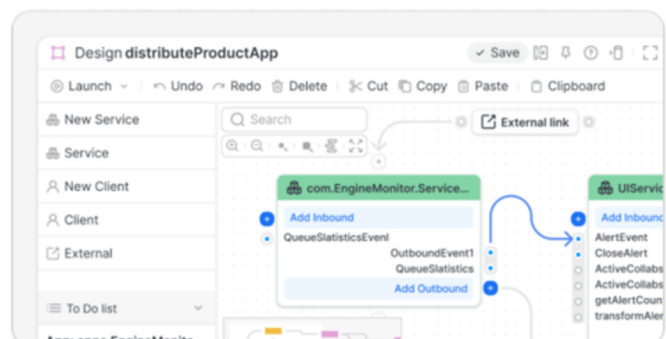
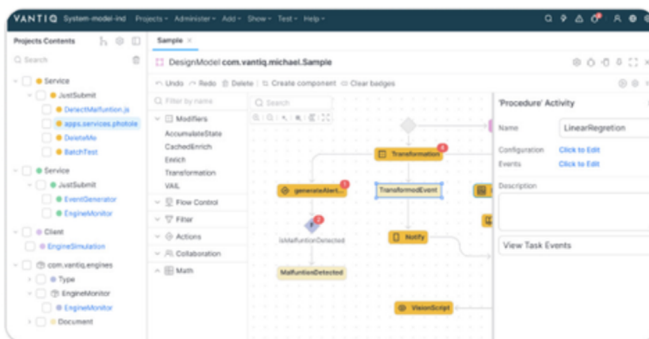


High velocity data in digital and physical environments



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 Apps Faster Accelerate AI application development by up to 90%
 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



WORLD-RENOWNED SMART CITY (NEC, KAFD & VANTIQ)

NEC is building an advanced safety and security system for a smart city near Riyadh, leveraging cutting-edge AI-powered technologies.

- **AI-enabled surveillance:** 11,000 cameras with facial recognition, object tracking, and people tracking to detect threats and locate missing persons in real time.
- **Integrated security management:** Vantiq's platform orchestrates multiple systems ensuring situational awareness and proactive security management through sensors, AI, and crowd monitoring tools.



ADVANCED DISASTER MANAGEMENT SYSTEM (NTT DATA, D-RESILIO & VANTIQ)

Japan faces frequent natural disasters: earthquakes, typhoons, floods and landslides. This system leverages AI-powered technologies to manage emergencies with precision and speed.

- **AI-driven threat analysis:** External sensing mechanisms, satellite imagery, vision AI, and sensors analyze threats in real time.
- **Adaptive response framework:** Continuously adapts using GenAI and real-time data to coordinate effective evacuation strategies at scale.

See how real-time orchestration and AI-driven automation can transform your smart city.

Schedule a live demonstration and discover what's possible.

Visit www.vantiq.com

