



Intelligence at work for enhanced public safety

Vantiq: transforming public safety with real-time AI

Vantiq's cutting-edge platform provides the infrastructure and tools for developing and deploying real-time AI systems and applications, setting a new standard for public safety. It seamlessly unifies diverse data sources, systems and AI technologies to detect, interpret and act on incidents as they unfold.

Through dynamic orchestration of systems and personnel, Vantiq ensures swift, coordinated responses, enhancing decision-making and operational efficiency. Built with unparalleled reliability and scalability, the Vantiq Intelligent Platform stands out in a competitive landscape, enabling solutions that are agile, future-ready and tailored to the complex demands of modern public safety.



Cutting edge features



Orchestrates AI and multi-agent systems asynchronously



Runs multiple AI models simultaneously



Handles real-time, high velocity data



Event driven, distributed and federated

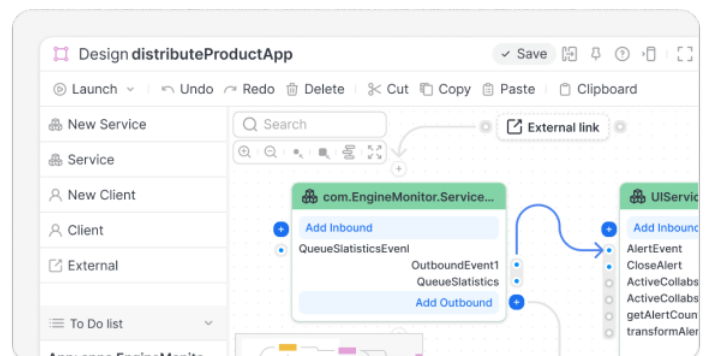
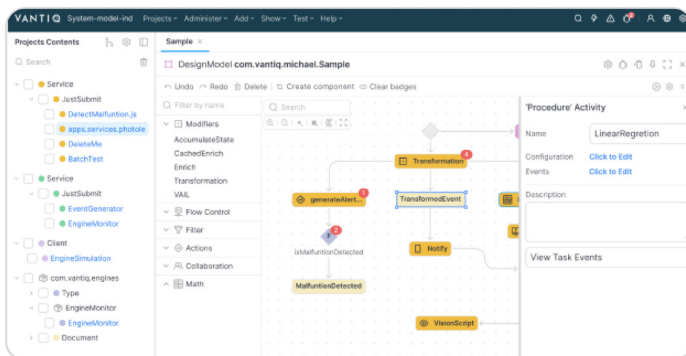


Patented technology to enhance AI trustworthiness



Automated prompting and learning in real-time

Simplify the complex and go from idea to production in weeks



"The real-time intelligence platform provided by Vantiq means every IoT project is now an extension of our overall smart city vision. It has become the backbone of our data strategy."

- Dr. Stephen Dawe, CIO City of Opelika, Alabama

Why choose Vantiq?

Reliability



Patented technology ensures systems perform when it matters most

Scalability



Grows with your needs—without hidden costs

Agility



Rapid development and innovation, driving lower costs and faster results

Trustworthy



Patented technology to dramatically reduce hallucinations

Security



Your data, your environment—always under your control

Adaptability



Workflows tailored to your evolving systems, people and processes

Select customers and public safety innovations built on the Vantiq intelligent platform

Smartest traffic management system in the world (Texas A&M Transportation Institute)

AI-powered traffic management enhances safety and optimizes flow in real-time.

- **AI-enabled traffic control:** utilizes generative AI with sensors and connected vehicles (V2X) to adjust traffic light timing and reroute traffic in real time, reducing congestion and improving safety
- **Integrated safety management:** forecasts incidents, automates emergency responses and proactively addresses issues, even in adverse conditions, ensuring a safer driving experience



Smartest city in the world (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:** deployment of 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 enabling proactive security management through sensors, AI and crowd monitoring tools



Smartest disaster management system in the world (NTT Data, D-Resilio & Vantiq)

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

- **AI-driven threat analysis:** utilizes external sensing mechanisms, satellite imagery, vision AI and sensors to analyze threats in real time
- **Adaptive Response Framework:** continuously adapts using GenAI and real-time data to coordinate effective evacuation strategies, ensuring municipalities can manage unpredictable crisis scenarios at scale



Trusted By:



Vantiq stands at the forefront of technological innovation, drawing from over a century of experience to revolutionize software automation with Generative AI. Our patented Intelligent Platform empowers organizations to swiftly create real-time smart applications for modern challenges from everyday business optimization, improving customer outcomes, and managing disasters and health crises. By automating intelligent decision-making based on situational awareness, our platform facilitates rapid response and proactive interventions enhancing safety, resilience, and sustainability globally. Committed to using AI as a transformative force for good, Vantiq is passionately dedicated to creating a safer, smarter, and more sustainable world. To learn more visit www.vantiq.com

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