

NEXT GENERATION PLATFORM FOR INTELLIGENT APPLICATIONS

We've developed a breakthrough architecture and platform that seamlessly integrates with enterprise systems, analyzing real-time data streams using AI and generative AI. This enables situational awareness and transforms data into actionable intelligence. VantIQ's user-friendly platform facilitates the rapid creation of smart applications to address modern challenges, from everyday business optimization and improving customer outcomes to managing disasters and health crises.

Our patented technology platform enables the swift development of modern software solutions for analyzing sensor data (IoT), using AI to evaluate situations, automatically prompting generative AI, and orchestrating real-time responses.



VANTIQ ENABLES A TOTALLY NEW GENERATION OF SOFTWARE – INTELLIGENT SYSTEMS

We make AI work. The VantIQ platform provides the essential capabilities to transform the latest AI advances into tangible business outcomes. Traditional software systems are limited — not distributed, no creativity, no intelligent collaboration.

Software systems built on the VantIQ platform are much more versatile and advanced — capable of handling complex, real-time data and providing intelligent response and assistance.

IMAGINE THE FUTURE

Digital systems will detect events, contextualize them with knowledge, and orchestrate actions. Imagine a city alerting first responders to a car crash or a hospital delivering insights to treat a patient at risk.

FROM VISION TO REALITY

This is possible now. Industries can have specialized AI assistants that understand domain nuances, are situationally aware, and collaborate with humans for real-time decision making.

Pre-Intelligent

Limited

- Not Distributed
- No Creativity
- No Intelligent Collaboration



SaaS Code



Cloud Database



VantIQ Intelligent Applications



Intelligent

- Creative
- Manage the Unforeseen



Real Time

- Video, GPS...
- Run Where Needed



Avatar

- (Intelligent Assistance)
- Get Advice
- Converse



Orchestrate

- Activities
- Humans
- Learn



Database Anywhere

- Personal
- LLM & RAG
- Learn

SAMPLE USE CASES

- Enhanced Emergency Response
- Clinical Decision Support
- Real-time Anomaly Detection
- Adaptive Process Optimization
- Automated Field Service
- Battlefield Decision-Making
- Vital Sign Monitoring
- Intelligent Surveillance
- Dynamic Traffic Management
- Disaster Response & Evacuation

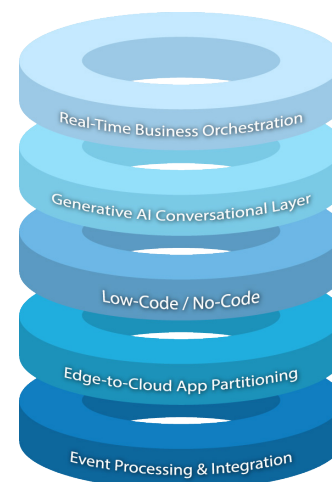
"The opportunities for innovation and disruption with AI have never been higher. We are on the precipice of a wave of transformation that is, quite literally, going to reinvent our world."

- Martin Sprinzen, VantIQ CEO

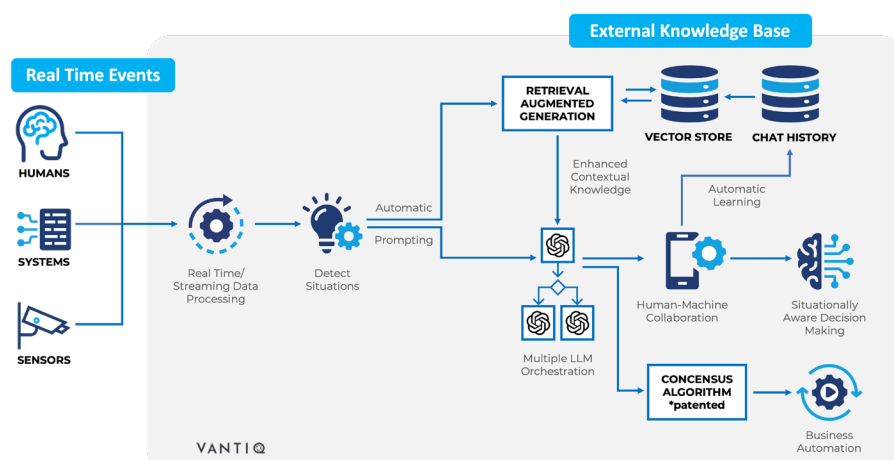
UNMATCHED PATENTED PLATFORM

Our platform enables rapid development of intelligence systems — quicker time to market, increased productivity and cost savings.

- **Real-Time AI Integration:** Effortlessly configure workflows that merge AI with business processes, enabling human collaboration
- **Automate Intelligence:** harness real-time data and generative AI for automated decision-making and actions
- **Hyper-Agile Platform:** Quickly design, deploy and evolve solutions to stay ahead of AI and hardware advancements
- **Seamless Scalability:** Effortlessly scale from prototypes to massive deployments
- **Mission-Critical Design:** Ensure reliability, privacy and security for critical solutions
- **Flexible Deployment:** Deploy on any hardware, from edge to cloud



VANTIQ GENERATIVE AI ARCHITECTURE



As data flows from humans, external systems and sensors, the VantIQ platform performs real-time stream processing to detect situations of interest. Once detected, it automatically creates prompts. Using retrieval augmented generation (RAG) the system can fuse additional company or domain specific knowledge, such as documentation or private data.

VantIQ uses multiple Large Language Models (LLMs) including small, private and domain specific variations, depending on the situation. VantIQ's patented voting algorithm can be used to ensure trustworthiness of results. By enabling situationally aware and reliable generative AI interactions, VantIQ applications can automatically make decisions and take action or make recommendations to humans, achieving previously unattainable level of automation.

UNLOCK THE FUTURE OF INTELLIGENT AUTOMATION WITH VANTIQ

The VantIQ platform is a groundbreaking solution that transforms how businesses operate by seamlessly integrating real-time data processing, AI, and generative AI. It provides unparalleled capabilities for detecting situations of interest, automating responses, and making intelligent decisions across diverse environments. With its flexible deployment options, advanced security features, and ability to incorporate domain-specific knowledge, VantIQ ensures reliable and situationally aware operations.

From enhancing customer experiences and optimizing business processes to managing critical incidents and automating complex time-sensitive orchestration, the VantIQ platform empowers organizations to achieve a new level of operational excellence. Embrace the future of intelligent automation with VantIQ and unlock the full potential of your business.

Trusted by leading companies



VantIQ stands at the forefront of technological innovation, drawing from over a century of experience to revolutionize software automation with Generative AI. With our patented Intelligent Platform, we empower organizations to swiftly create real-time smart applications for modern challenges from everyday business optimization, improving customer outcomes and managing disasters and health crisis. 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 world that is safer, smarter and more sustainable. Learn more at www.vantiq.com.