

VANTIQ

Real-World Use Cases

October 2026

Connected safety system for outdoor workforces

Organizations with outdoor workforces face risks from extreme conditions, but current safety monitoring is slow and reactive.

Solution:

Using the Vantiq platform, a technology company deployed a system that combines sensor data, video analytics and AI to monitor workers, detect hazards and issue real-time safety alerts across job sites.

Why Vantiq?

Vantiq simplifies integrating and deploying safety applications across complex environments—delivering real-time insight and automation that reduce risk and speed response.

Monitors environmental conditions and
worker safety in real time

Detects incidents and hazards across
facilities and job sites

Speeds response with live alerts,
automated actions and AI-driven insights



Heat stress prevention for frontline workers

Extreme heat is a rising threat at construction sites, industrial zones and public events, but traditional safety methods react too late.

Solution:

Using the Vantiq platform, a safety technology provider developed a biometric monitoring system that connects to wearables, analyzes heat stress data at the edge and triggers alerts before symptoms appear.

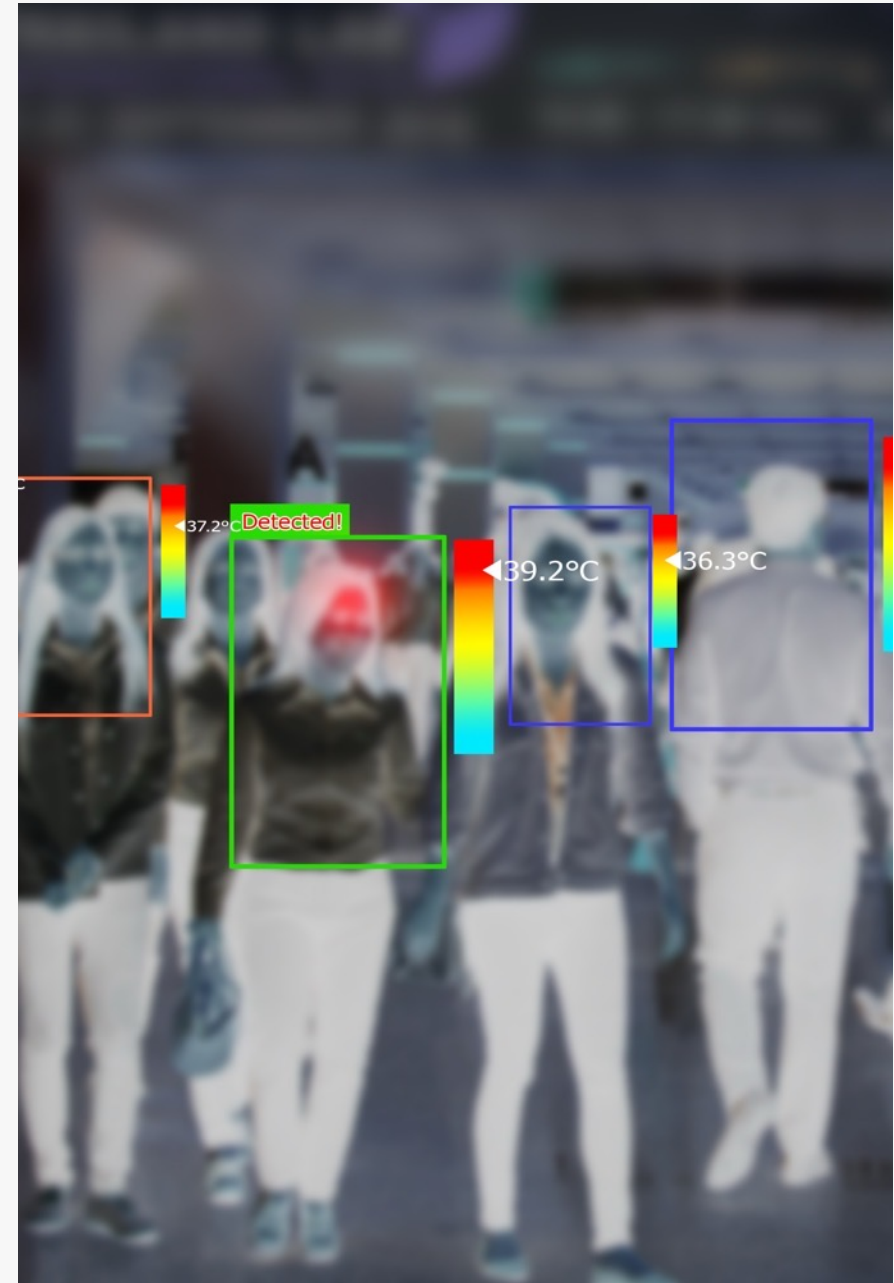
Why Vantiq?

Vantiq triggers instant action across thousands of devices without infrastructure upgrades—making safety scalable in any environment.

Requires no new infrastructure—connects directly to HP1T wearables and existing systems

Alerts medics, supervisors and command centers the moment heat stress risks appear

Tracks location only during emergencies to keep users safe and data private



AI-driven worker heat safety for manufacturing

Monitoring worker health across large, high-risk environments like loading zones or hot facilities is difficult and reactive, so safety teams can't catch issues fast enough.

Solution:

Using the Vantiq platform, a manufacturing company built a system that collects real-time data from wearables and sensors, detects heat risks and triggers automated responses like rest breaks or crew rotations.

Why Vantiq?

Vantiq fuses real-time data, AI and existing systems to detect risks instantly and trigger the right response automatically.

Automates [heat-related risk detection](#) using vitals, temperature and location data

Sends real-time [alerts and instructions](#) to workers and supervisors

[Scales across facilities](#) with live dashboards, predictive AI and unified command views



AI weld inspection for large HVAC systems

Welding defects in large HVAC systems are hard to detect until it's too late. Manual inspections are slow, and quality depends on individual skill.

Solution:

Using the VantIQ platform, a manufacturer created a system that connects sensors and AI vision to analyze welds in real time, flag defects and guide corrective actions before products ship.

Why VantIQ?

VantIQ brings live data and AI together at the edge to automate inspection, prevent rework and boost quality.

Monitors weld current, voltage and position in real time

Detects defects with AI and triggers non-destructive testing

Builds a knowledge base of successes and failures to improve processes



Real-time quality control in manufacturing

Manufacturers risk waste, rework and customer dissatisfaction when quality issues surface too late. Traditional inspections can't keep pace with modern production lines.

Solution:

Using the Vantiq platform, a major e-commerce business built a real-time AI system that detects defects, adjusts machine settings and monitors material transport for consistent quality and efficiency.

Why Vantiq?

Only Vantiq applies continuous real-time AI across production lines, detecting issues instantly and driving automated corrections without complex integrations.

Detects defects instantly to reduce waste

Optimizes processes for consistent quality

Monitors material transport to prevent delays



Supply chain diagnostics for auto suppliers

Tier-1 suppliers run multiple plants on complex, disconnected ERP systems. Without real-time visibility, shortages and late shipments surface only after they disrupt OEM production lines.

Solution:

With the Vantiq platform, a Tier-1 automotive supplier can correlate ERP, MES and logistics events across plants in real time—flagging exceptions early and keeping fulfillment on track for OEM customers.

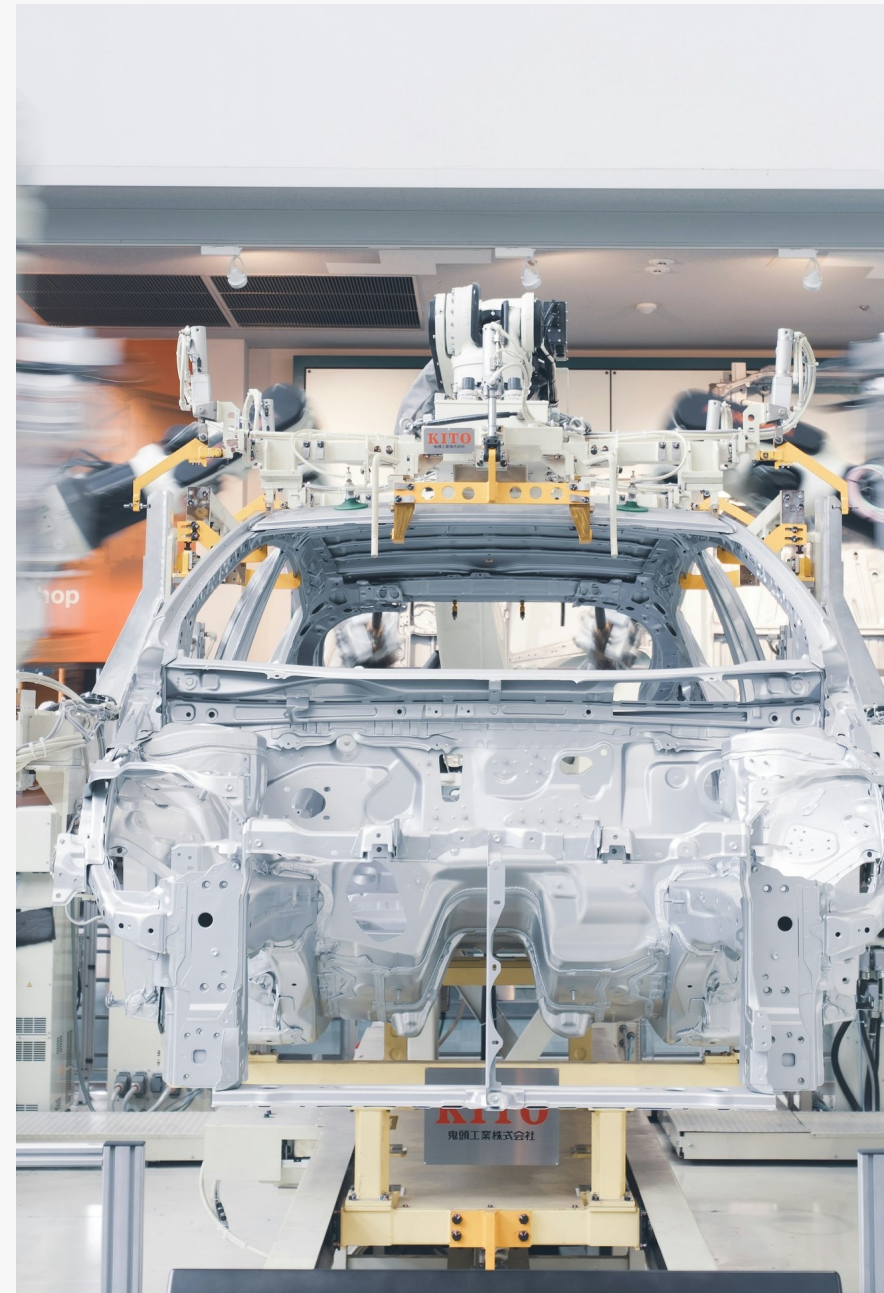
Why Vantiq?

Vantiq sits on top of existing ERP systems—no rip-and-replace—turning fragmented plant data into one real-time view of supply and demand.

Correlates **ERP, MES and logistics events** across every plant

Delivers **real-time fulfillment visibility** to planners and customers

Detects **exceptions automatically** before they halt OEM lines



Proactive warranty orchestration for OEMs

Automotive OEMs often spot quality issues only after warranty claims pile up. By then, failures have spread across vehicles, driving up costs and eroding customer trust.

Solution:

With the Vantiq platform, a global automotive OEM can correlate warranty claims, vehicle data and quality signals in real time—detecting emerging issues early and reaching customers before failures cascade.

Why Vantiq?

Vantiq correlates data from dealers, connected vehicles and quality systems at scale—turning reactive warranty processes into proactive customer care.

Detects **quality anomalies** across claims and vehicle data

Automates **warranty workflows** from detection to resolution

Alerts customers early with **predictive failure warnings**



Real-time order promising for hardware makers

Hardware makers struggle to keep delivery promises: at one manufacturer, about 70% of orders missed their committed windows, and made-to-order products had limited supply chain visibility.

Solution:

With the Vantiq platform, a global technology hardware manufacturer can orchestrate capable-to-promise decisions in real time—re-evaluating delivery dates as supply shifts and applying policy rules to partial shipments.

Why Vantiq?

Vantiq connects order, supply and manufacturing events into one decision layer—so every customer promise reflects what the supply chain can deliver.

Orchestrates **capable-to-promise decisions** in real time

Re-evaluates **delivery dates dynamically** as supply shifts

Applies **policy rules for partial-ship vs. hold** decisions



Real-time smart agriculture monitoring platform

Large livestock farms lack real-time visibility into temperature, humidity and air quality across sites, making it hard to detect hazards early and protect animal health.

Solution:

Using the VantIQ platform, a major agriculture technology provider connected IoT sensors across multiple livestock farms into one real-time monitoring system that detects changes instantly, sends alerts and centralizes control of all sites.

Why VantIQ?

VantIQ provided the speed, flexibility and scale needed to build one platform that serves many farms and customers.

Sends instant hazard alerts for [temperature, humidity and air quality](#)

[Unifies farm monitoring](#) across all livestock sites

Adds sensors and new logic quickly with [low-code tools](#)



Real-time solar production monitoring platform

An energy and infrastructure provider needs a unified, real-time view of solar production across sites. Data spread across many supplier systems makes it hard to detect issues, track performance and manage alerts.

Solution:

Using the VantIQ platform, a major energy and infrastructure provider combined all solar asset data into one real-time monitoring system that shows live production, flags malfunctions instantly and gives technicians tools to analyze and act.

Why VantIQ?

VantIQ delivered the fast development, easy integration and flexibility the provider needed—a full system built in six weeks instead of a year.

1/8 the development time with a rapid low-code build and easy integrations

Unifies operations with SSO access to ERP and supplier systems on one screen

Drives new growth as internal staff build more end-user portals



Intelligent large-scale irrigation system

Growers need real-time visibility into soil conditions and equipment status. Legacy tools refresh too slowly and can't handle thousands of sensors, wasting water and missing issues in the field.

Solution:

Using the VantIQ platform, a large U.S. precision-irrigation provider connected soil sensors, pressure data and valve controls into one real-time system that surfaces issues in seconds and automates irrigation based on live conditions.

Why VantIQ?

Only VantIQ delivered the real-time performance, scale and speed of development needed to run continuous, distributed farm operations.

Alerts instantly on pressure drops, faults and soil changes to [prevent crop damage](#)

[Automates irrigation](#) based on real-time moisture levels

Updates devices remotely [across thousands of field units](#)



Real-time refinery accident prevention

Refineries must detect equipment faults, gas leaks and safety risks before they escalate. Siloed, slow systems leave operators without a clear, real-time view of onsite conditions.

Solution:

Using the Vantiq platform, a major global energy and refining company unified sensors, safety systems and operational data into one real-time monitoring layer that detects anomalies instantly, triggers alerts and gives operators a live view of emerging hazards.

Why Vantiq?

Only Vantiq could combine diverse refinery data and safety signals into one real-time operating view.

Detects faults early, including leaks, failures and abnormal behavior

Alerts operators in real time across refinery systems

Delivers one situational view from all safety and sensor sources



Virtual power plant for distributed energy

As demand for cleaner energy grows, utilities need a smarter way to manage distributed sources like solar, batteries and fuel cells in real time.

Solution:

Using the Vantiq platform, a Japanese energy company built a virtual power plant that connects fuel cells, solar panels and batteries, enabling real-time optimization of grid demand and supply.

Why Vantiq?

Vantiq orchestrates distributed energy systems quickly and at scale—helping providers meet demand with flexibility and resilience.

Integrates and manages **solar, fuel cells and batteries** in real time

Analyzes real-time energy demand signals to respond quickly to power requests

Scales easily to **add new distributed energy resources** as the plant grows



AI grinding and circuit optimization for mining

Mining operations lose millions to inefficient grinding, crushing and flotation. Delayed adjustments waste energy, lower throughput and reduce output quality.

Solution:

Using the Vantig platform, a North American gold mine deployed real-time AI across grinding and related circuits to adjust mill settings on the fly, increase throughput, stabilize quality and reduce energy use.

Why Vantig?

Only Vantig applies continuous real-time AI across circuits, syncing processes instantly and adapting as conditions change.

Adjusts grinding and flotation in real time for higher yield

Predicts equipment failures to reduce downtime

Optimizes energy use to cut costs and emissions



Field service orchestration for power systems

Power systems OEMs juggle technicians, parts and customer commitments across many facilities. When these live in separate systems, jobs slip, trucks roll twice and uptime promises are missed.

Solution:

With the Vantiq platform, an engine and power systems OEM can connect dispatch, parts inventory and customer commitments in real time—matching the right technician and parts to every job before delays occur.

Why Vantiq?

Vantiq unifies service, inventory and customer systems into one event-driven layer—so field operations adapt the moment conditions change.

Matches technicians, parts and customers in real time across facilities

Schedules service proactively from live equipment and demand signals

Correlates parts availability to prevent missed appointments



Real-time asset management and tracking system

Organizations struggle to track physical assets in real time across large, distributed environments, causing delays, losses and inefficiencies.

Solution:

Using the Vantiq platform, a global logistics company built a system that combines sensors, RFID and AI to monitor asset movement in real time, automate updates and streamline supply chain operations.

Why Vantiq?

Vantiq accelerates development of scalable, flexible solutions that connect data and systems in real time—reducing risk and speeding time to value.

Tracks asset movement in real time using [sensor and RFID data](#)

Integrates easily with existing systems for [seamless visibility and control](#)

Applies AI and analytics to [improve routing, reduce losses](#) and protect high-value assets



Onboard monitoring for global shipping fleets

Large vessels carry hundreds of sensors, but limited bandwidth makes it hard to detect faults and send alerts in time, leading to costly delays and repairs.

Solution:

Using the VantIQ platform, a global shipping operator created a system that processes sensor data on board, flags anomalies in real time and sends only critical alerts to shore, keeping fleets on schedule and costs down.

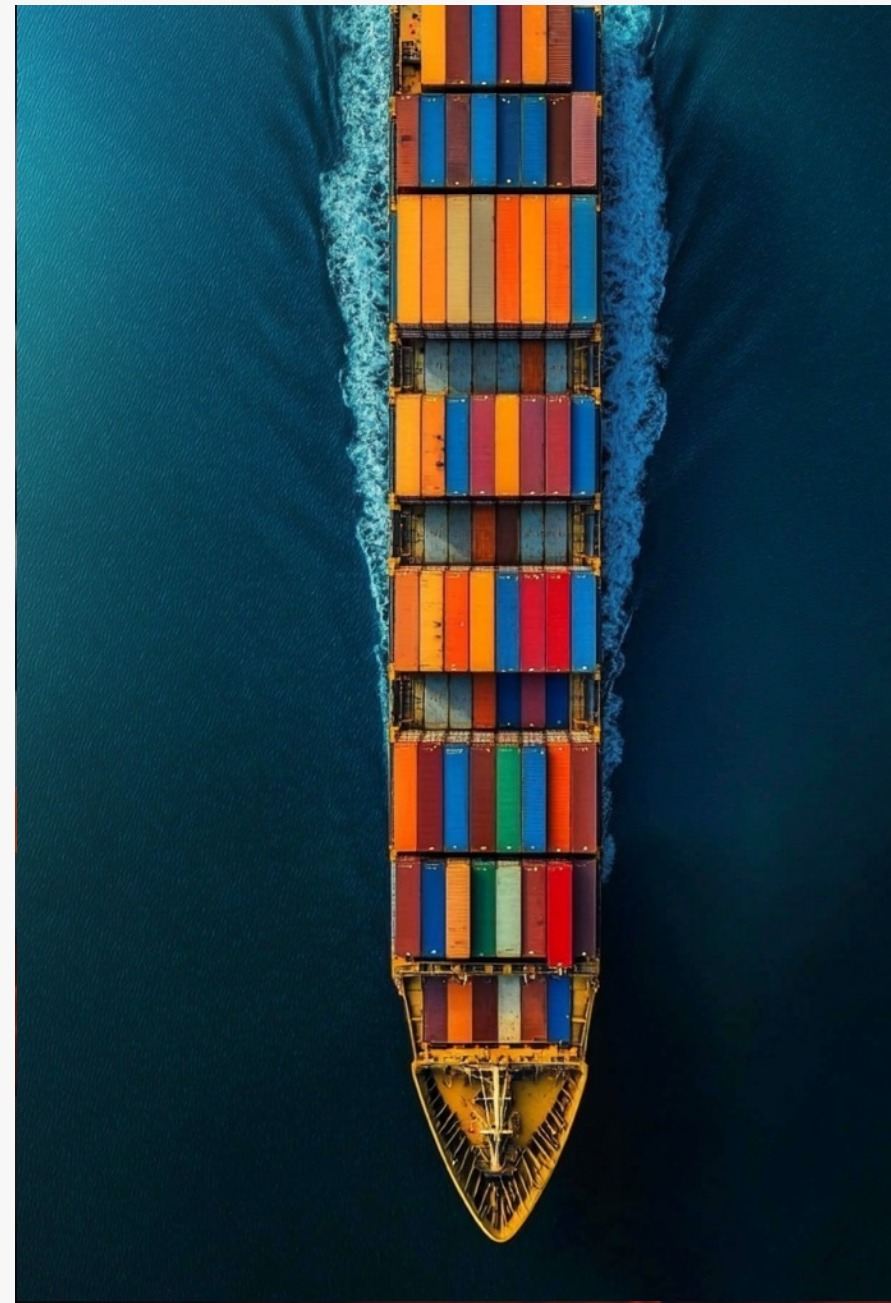
Why VantIQ?

VantIQ orchestrates and processes IoT events at the edge or in the cloud, so crews see issues instantly while satellite traffic stays lean.

Cuts satellite load by processing events on board and [sending only actionable alerts](#)

Predicts failures early with AI on streaming data to [stop breakdowns before they happen](#)

Syncs crew and HQ via automated workflows that assign tasks and [log fixes in real time](#)



Real-time security for armored truck fleets

Armored truck operations face theft, delays and safety risks. Crews juggle separate tools for routing, monitoring and security, leaving visibility gaps and slowing response times.

Solution:

Using the VantIQ platform, an armored transport operator built a real-time system linking IoT sensors, vehicle data, cameras and edge AI to verify identity, monitor drivers, reroute instantly and log events offline.

Why VantIQ?

Only VantIQ runs continuous, event-driven intelligence at the edge and in the cloud, syncing systems automatically and adapting fast without code-heavy changes.

Verifies crew identity and **detects unsafe behavior**

Adjusts routes **in real time** to cut delays

Records events locally during comms loss



Real-time last-mile delivery optimization

Delivery companies struggle with delays, high fuel costs and poor visibility into driver performance, while customers are frustrated by missed or inaccurate ETAs.

Solution:

Using the VantIQ platform, a logistics company built a real-time AI system that integrates GPS, IoT sensors and driver data to reroute vehicles, monitor behavior and update customers instantly—cutting costs.

Why VantIQ?

VantIQ's real-time AI adapts instantly to traffic, weather and fleet conditions, syncing data across systems without complex integrations.

Optimizes routes in real time to reduce delays

Monitors driver behavior to improve safety and fuel efficiency

Sends live updates to customers for higher satisfaction



Supply chain visibility and anomaly detection

Supply chains suffer from blind spots, delayed alerts and costly disruptions. Inventory goes untracked, shipments slip and operators react too slowly to risks.

Solution:

Using the Vantiq platform, a global enterprise built real-time AI for end-to-end supply chain visibility, integrating RFID, IoT and transport data to track shipments, detect anomalies and trigger corrective actions.

Why Vantiq?

Vantiq surfaces supply chain issues instantly and automates responses with continuous real-time AI—no complex integrations required.

Tracks inventory and shipments in real time

Detects anomalies to prevent delays and stockouts

Automates corrective actions to reduce costs



Intelligent shelf pricing for grocery chains

Retailers need to update pricing across stores in real time, but manual changes are slow and labor-intensive.

Solution:

Using the VantIQ platform, a retail technology company built a system that automates digital shelf labels, synchronizes price updates and coordinates marketing promotions in real time.

Why VantIQ?

VantIQ helps businesses move faster with low-code orchestration, real-time processing and seamless integration—meeting aggressive timelines with less effort.

Automates price changes across stores in real time [using AI and sensor data](#)

[Integrates with store infrastructure](#) to coordinate updates and resolve issues instantly

Delivers real-time insights into [shopper behavior and inventory](#) for smarter decisions



Monitoring unmanned sports venues in real time

Unmanned sports venues struggle to detect broken equipment or disruptive behavior quickly, causing lost revenue and customer complaints.

Solution:

Using the VantIQ platform, a recreation technology provider built a system that analyzes live video and sensor data, flags faults or misconduct and alerts staff in seconds.

Why VantIQ?

VantIQ processes events at the edge and deploys fast with low-code tools, keeping venues secure, responsive and cost-efficient.

Uses AI to monitor video and sensor feeds for **equipment faults and misuse**

Surfaces **only actionable events** through event-driven filtering at the edge

Deploys in weeks with low-code architecture that **cuts dev effort by 90 percent**



Privacy-safe shopper analytics for duty-free

Retailers need insights into customer movement, but strict privacy regulations block traditional video analytics and leave blind spots.

Solution:

Using the VantIQ platform, a duty-free retailer built a system that anonymizes video at ingestion, generates real-time heatmaps and delivers movement insights without exposing personal data.

Why VantIQ?

VantIQ anonymizes data in real time, deploys fast and supports flexible analytics—protecting privacy without large cloud infrastructure.

Meets privacy mandates by anonymizing video at ingestion, never storing raw faces

Delivers heatmaps and demographic insights at the edge, cutting cloud bandwidth

Launches up to 90 percent faster with VantIQ's visual low-code platform



Real-time gaming automation platform

Game developers need fast, reliable tools for ad bidding, abuse detection and ops alerts—but current systems are slow, fragmented and hard to scale.

Solution:

Using the Vantiq platform, a gaming company created a real-time event layer that filters live game data, applies AI rules for fraud and monetization and routes only actionable alerts to operations teams.

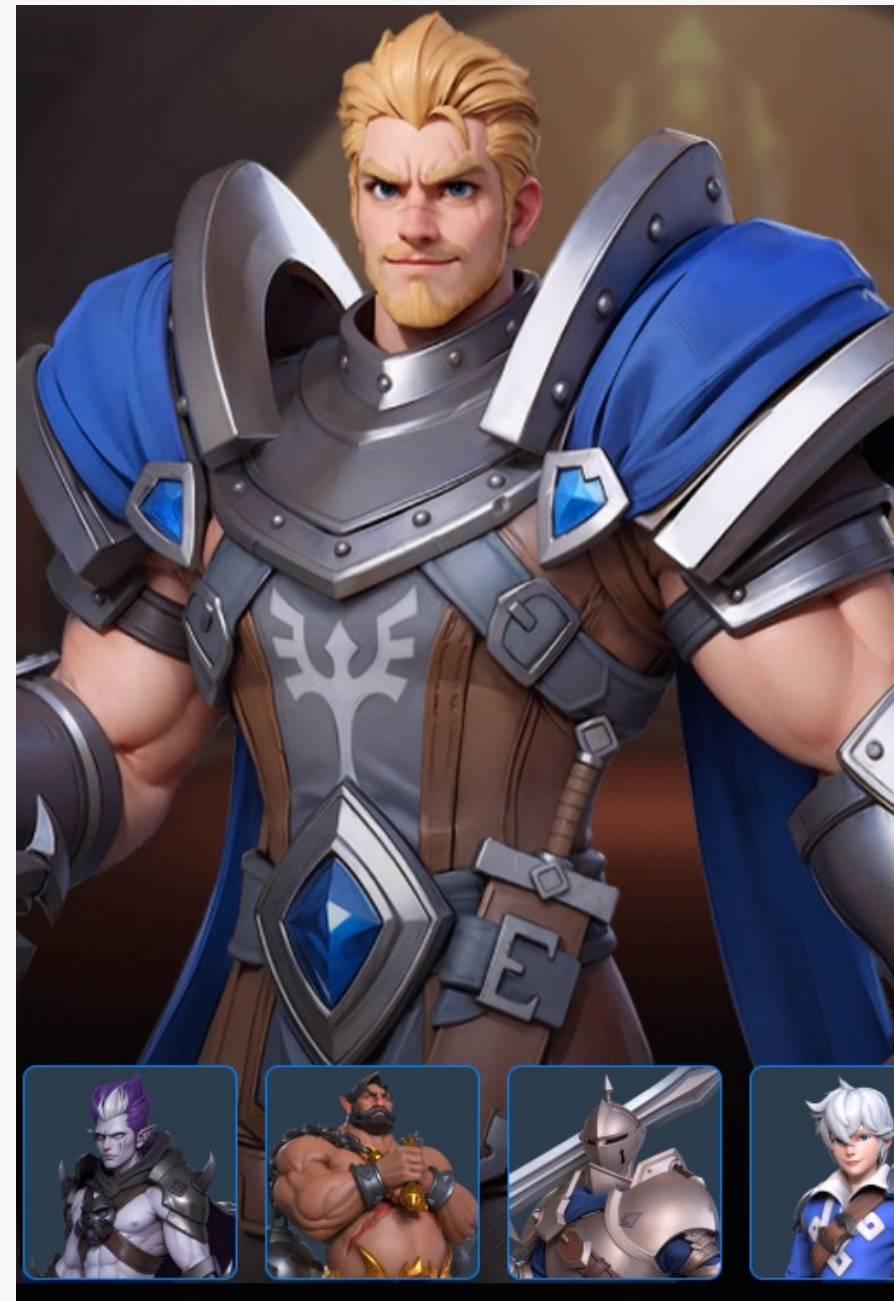
Why Vantiq?

Vantiq processes massive data volumes at the edge or in the cloud, letting studios scale automation without adding infrastructure overhead.

Combines [ad bidding](#), [fraud detection](#) and [ops alerts](#) in one platform

Filters [millions of events per second](#) at the edge to slash latency and cost

Deploys in weeks with low-code tools so [devs stay focused on gameplay](#)



Real-time dynamic pricing for retail stores

In-store pricing is often fixed and disconnected from real-world conditions, so retailers miss chances to respond to local demand, weather or competitor behavior in real time.

Solution:

Using the VantIQ platform, a retailer developed a dynamic pricing system that connects sales data, foot traffic, weather and competitor pricing to update store displays instantly.

Why VantIQ?

VantIQ connects live inputs and AI logic to automate pricing decisions instantly—without disrupting existing POS systems.

Adjusts prices in real time based on weather, sales trends and competitor behavior

Unifies external and internal data to optimize margin and inventory

Powers smarter campaigns like flash discounts or timed offers at specific stores



Real-time in-store operations for retail

Large retailers manage inventory, fulfillment and customer experience across thousands of stores, but disconnected systems lead to empty shelves, missed pickups and frustrated shoppers.

Solution:

With the Vantiq platform, a Fortune 100 retailer can unify inventory, fulfillment and shelf events across stores—routing orders to the best location and closing availability gaps in real time.

Why Vantiq?

Vantiq processes high-volume store events at the edge or in the cloud, scaling to thousands of locations without replacing core retail systems.

Unifies **inventory events** across thousands of stores

Routes orders **from store to fulfillment** automatically

Orchestrates **real-time shelf availability** with store teams



Real-time e-commerce merchandising

Digital merchandising teams adjust pricing, promotions and inventory across channels, but slow batch updates lead to lost margin, stockouts and inconsistent offers.

Solution:

With the VantIQ platform, a Fortune 100 retailer can correlate demand and inventory signals in real time—automatically adjusting prices, merchandising rules and fulfillment across every digital channel.

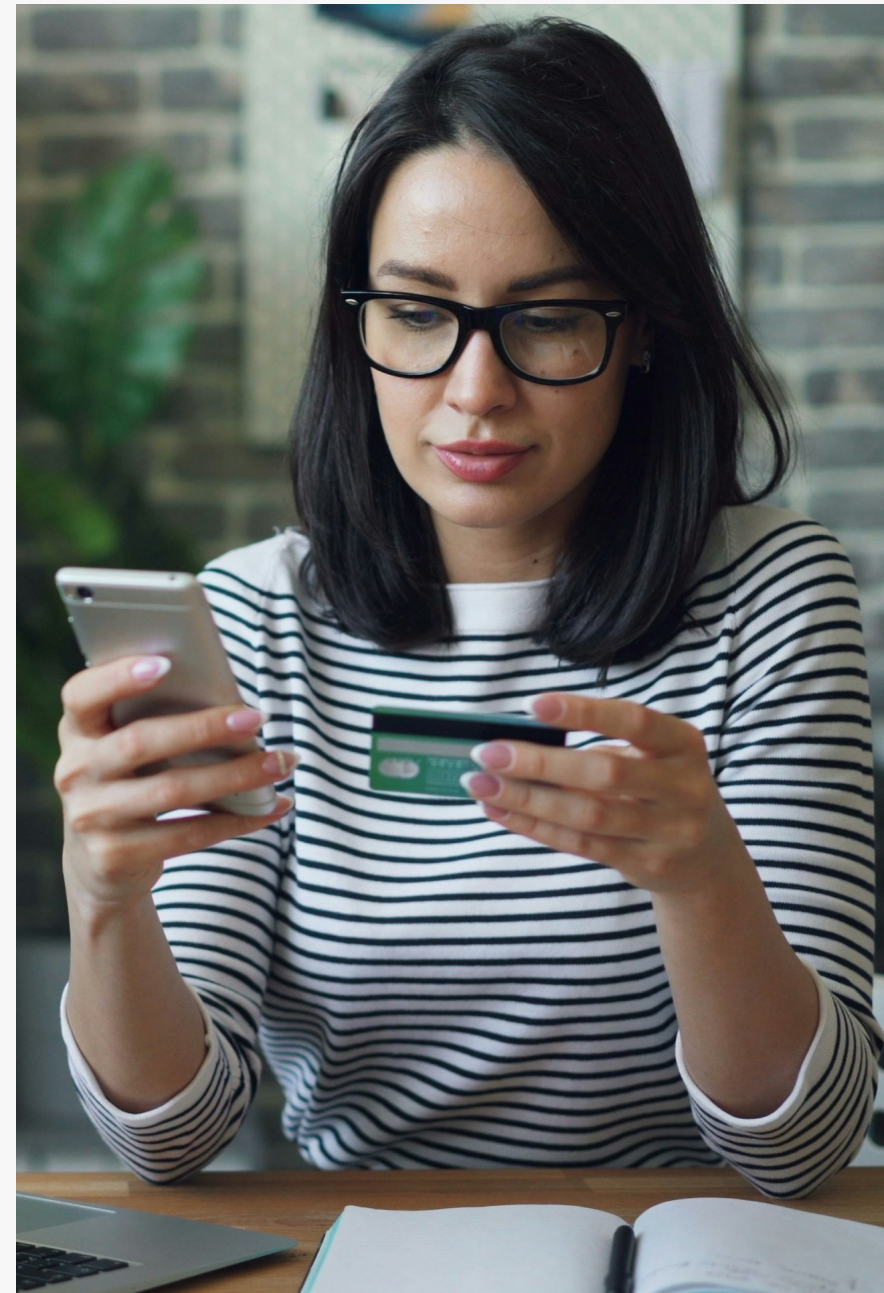
Why VantIQ?

VantIQ turns batch merchandising into continuous, event-driven decisions—with business rules teams can update in minutes using low-code tools.

Correlates **demand and inventory signals** as they happen

Automates **pricing and merchandising rules** across channels

Orchestrates **cross-channel fulfillment** to protect margin



Real-time ambulance support for EMS teams

EMS teams need real-time access to physicians and data during transport to make faster decisions and improve patient outcomes in the field.

Solution:

Using the VantIQ platform, a leading healthcare provider deployed a system that connects medics with remote doctors, streams patient data in real time and boosts situational awareness with AI and GenAI.

Why VantIQ?

VantIQ powers rapid development of scalable systems that run across mobile and satellite networks—ideal for mission-critical response.

Links field teams in real time with [experts for diagnosis and treatment](#)

Streams patient data from connected devices to [support better decisions](#)

Uses [GenAI](#) to assist with [documentation](#), virtual support and medical workflows



AI-powered elderly care and disaster response

Seniors living alone need fast, reliable protection day to day and during disasters. Traditional monitoring tools miss key signals and can't show who is home, at risk or needs urgent rescue.

Solution:

Using the VantIQ platform and working with regional partners, a large nationwide elderly-care service unified IoT data, location signals and AI models into one real-time system that monitors daily well-being and switches to disaster response in emergencies.

Why VantIQ?

VantIQ brings the real-time AI orchestration needed to merge care, safety and multi-agency response into one continuous, reliable operation.

Monitors IoT data live with **real-time pattern detection**

Sends **AI-driven risk alerts** during disasters

Coordinates response **across agencies and caregivers**



Real-time EHR clinical workflow orchestration

Clinicians rely on EHR updates that surface slowly across disconnected systems. Teams waste time tracking down information, and routine coordination becomes manual when it should be automatic.

Solution:

Using the VantIQ platform, a leading clinical workflow software provider connected live EHR events, AI models and team workflows into one real-time system that automates steps, interprets notes and alerts clinicians instantly.

Why VantIQ?

VantIQ delivered production-ready clinical workflows in weeks, providing the orchestration, reliability and speed the provider needed.

Deploys rapidly with [live EHR integration](#)

Automates [care team coordination](#) with AI agents

Turns clinical data into [actionable insights](#) using AI



Proactive health monitoring platform

Preventive healthcare platforms need real-time insights and personalized engagement to help users stay healthy and take action before problems arise.

Solution:

Using the VantIQ platform, a wellness company built a mobile health system that tracks data from wearables, provides AI-driven recommendations and supports proactive care through real-time engagement.

Why VantIQ?

VantIQ speeds development of scalable, intelligent apps that combine live data, AI and orchestration for a more connected health experience.

Delivers [real-time wellness metrics](#) and personalized health guidance

Supports [AI-driven recommendations](#), scheduling and virtual check-ins

Powers custom health apps that adapt to users and [trigger timely interventions](#)



AI-driven wound assessment for clinicians

Clinicians need a faster, more accurate way to assess and manage wounds—without the high cost or rigidity of traditional systems.

Solution:

Using the VantIQ platform, a healthcare provider built a system that automates wound assessments, delivers AI-driven recommendations and streamlines clinical workflows at the point of care.

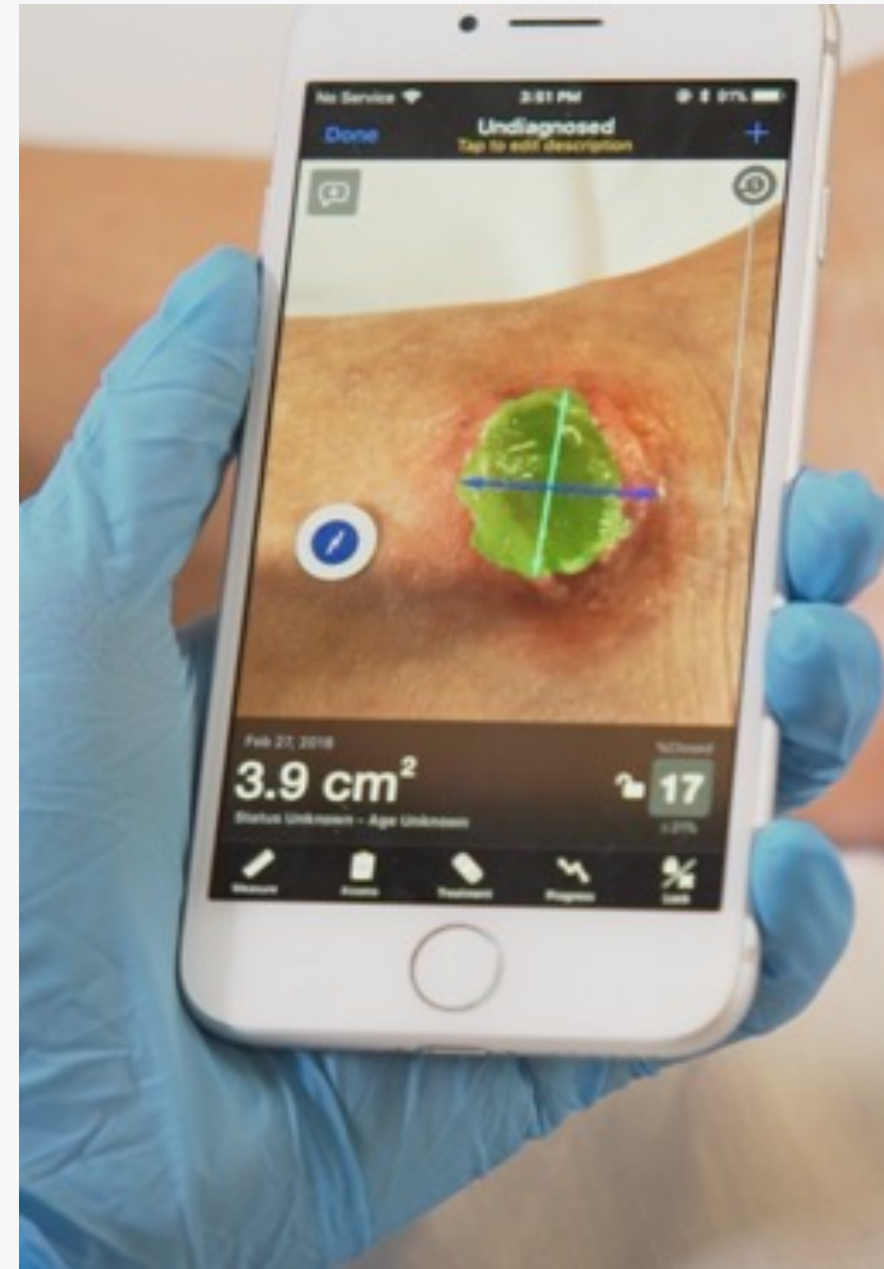
Why VantIQ?

VantIQ speeds development of scalable solutions that adapt quickly to medical environments—reducing risk and improving care delivery.

Delivers [mobile-ready AI support](#) for frontline clinical decisions

Supports secure [federated learning across hospitals](#) and care sites

Enables [rapid prototyping](#) and rollout with minimal development resources



Neonatal ICU monitoring at the edge

Hospitals face a shortage of specialists to monitor newborns around the clock, making it difficult to detect early warning signs and respond in time.

Solution:

Using the VantIQ platform, a pediatric healthcare provider built a system that analyzes EEG and camera data at the edge, generates GenAI-driven treatment recommendations and reduces the burden on neonatal teams.

Why VantIQ?

VantIQ processes data on-site for fast, scalable monitoring—cutting costs and eliminating delays caused by cloud dependency.

Lets one doctor **monitor up to 200 babies**, up from a limit of 20

Automatically alerts doctors to critical health changes via real-time GenAI

Enhances AI-driven analysis with camera-based object recognition



Surgical readiness system for hospitals

Hospitals often face costly last-minute cancellations when critical pre-op steps like labs, imaging or consent forms are missed.

Solution:

Using the VantIQ platform, a U.S. children's hospital created a real-time system that tracks surgical tasks, predicts cancellation risk with GenAI and alerts care teams before delays occur.

Why VantIQ?

VantIQ combines predictive intelligence, flexible integration and fast deployment—automating surgical workflows without replacing core systems.

Tracks **dozens of pre-op tasks** like labs, imaging, vendor approvals and consent forms

Predicts cancellation risk with GenAI based on urgency and timing

Notifies care teams and families early to **reduce last-minute disruptions**



Home health monitoring for aging adults

Most seniors live with limited in-home care or move into facilities as risks rise. Without real-time monitoring, clinicians miss early signs that lead to avoidable emergencies.

Solution:

Using the VantIQ platform, a home health provider developed a system that combines patient data, AI and orchestration to deliver real-time monitoring and personalized care in the home.

Why VantIQ?

VantIQ connects health data, EHRs and AI tools in one flexible, real-time platform—built for home-based care that must scale fast.

Tracks vital trends and [activity, sleep and medication correlations](#)

[Predicts clinical risks early](#) using AI-driven consensus models

Integrates directly with [Epic, PointClickCare and telemedicine workflows](#)



Hospital command center for coordinated care

Hospitals need a unified way to coordinate care, monitor operations and respond in real time, but siloed systems and manual workflows slow everything down.

Solution:

Using the VantIQ platform, a U.S. healthcare provider built a command center that integrates patient data, improves visibility and streamlines hospital flow with real-time orchestration.

Why VantIQ?

VantIQ delivers fast, flexible integration and real-time orchestration—modernizing hospital operations without disrupting existing infrastructure.

Modernizes hospital command centers and redesigns hospital-at-home models

Improves care coordination by integrating real-time data across hospital systems

Predicts patient needs with GenAI to optimize resource allocation



Hospital false-alarm reduction system

Hospitals experience millions of alarms each year, most of them false, which overwhelms staff and delays responses to real emergencies.

Solution:

Using the VantIQ platform, a U.S. healthcare provider built a system that classifies alarms with historical data, simulates responses with digital twins and tunes suppression algorithms to reduce noise while keeping patients safe.

Why VantIQ?

VantIQ supports safe testing, simulation and real-time deployment of suppression logic—so teams go live confidently without disrupting existing systems.

Simulates **patient sensor readings** with realistic playback of true vs. false alarms

Tunes algorithms by **patient type**, age and sensor configuration

Shows which alarms are suppressed and why, ensuring **no real alarms are missed**



Radar-based safety monitoring for seniors

Agencies need to protect vulnerable seniors, but cameras and wearables are costly or intrusive, and many incidents go unnoticed.

Solution:

Using the VantIQ platform, a care technology company deployed a radar-based system that detects falls and inactivity in real time and automatically alerts caregivers or emergency services—without capturing images.

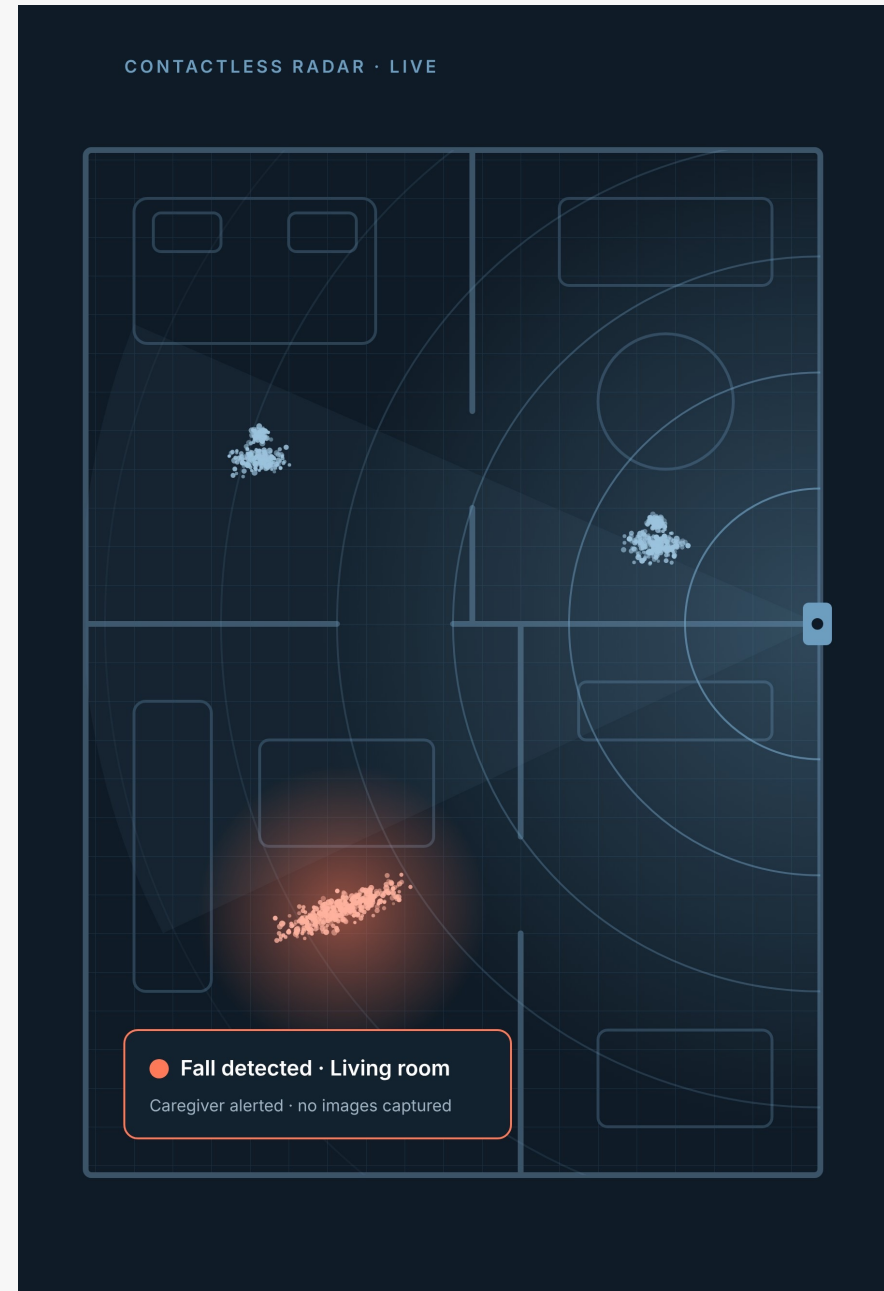
Why VantIQ?

VantIQ orchestrates radar events securely at the edge or in the cloud, enabling rapid deployment without new infrastructure.

Protects privacy with contactless radar that **sees motion but never captures images**

Detects falls and inactivity from **thousands of radar events per second**

Launches in weeks with **low-code design** and no new infrastructure



Virtual care network linking wards and homes

Hospitals must extend care beyond their walls, but legacy on-prem systems slow response times and create dangerous gaps in remote monitoring.

Solution:

Using the VantIQ platform, a university hospital built a system that connects bedside devices, telehealth carts and home monitors to one command center, enabling clinicians to track vitals, start video visits and dispatch teams in real time.

Why VantIQ?

VantIQ orchestrates real-time data at the edge or in the cloud, so hospitals can expand virtual care quickly—without replacing core systems.

Extends specialist reach to **every ward and home**

Detects deterioration early by **analyzing continuous vital-sign streams**

Deploys in weeks with low-code workflows that **cut build time up to 90 percent**



Real-time oversight for mobile oncology clinics

Cancer patients in remote regions wait weeks for diagnostics or chemotherapy, and mobile clinics lack real-time oversight of drugs, equipment and patient vitals.

Solution:

Using the VantIQ platform, a health ministry deployed a mobile clinic system that streams infusion pump data, imaging and vehicle telemetry to oncologists in real time, enabling dose adjustments, resupply alerts and faster interventions.

Why VantIQ?

VantIQ links medical devices, IoT sensors and telecom networks at the edge into one continuous care platform—no new infrastructure required.

Safeguards chemo delivery with **live pump alerts** and **automatic dose checks**

Protects drug integrity by **tracking cold chain** and **clinic environment** in transit

Scales fast with **low-code templates** for deploying more mobile units



AI-powered discharge management for hospitals

Discharges take hours because staff coordinate by phone, tasks slip through the cracks and managers lack real-time visibility—keeping beds full and delaying ED admissions.

Solution:

Using the VantIQ platform, a U.S. hospital built a system that tracks every discharge in one dashboard, alerts staff when delays occur and flips bed status automatically once rooms are cleaned.

Why VantIQ?

VantIQ connects EHR data, IoT inputs and mobile workflows on one low-latency platform, so hospitals launch quickly without replacing existing systems.

Flags stalled tasks instantly, **cutting discharge time**

Opens beds sooner **to improve patient flow** and surgical scheduling

Launches in weeks with low-code workflows tuned to hospital policy



Real-time vandalism detection for small cities

Cities often lack fast, unified systems to monitor public spaces, detect vandalism and respond in real time, leading to costly damage and delayed intervention.

Solution:

Using the VantIQ platform, a U.S. city deployed a system that connects existing cameras, sensors and control systems for real-time detection, smart alerts and automated responses—cutting costs and protecting public assets.

Why VantIQ?

VantIQ connects data, sensors and systems with low-code tools that adapt to any city's environment—enabling rapid deployment and reliable automation.

Delivers real-time alerts and automation
across [connected infrastructure](#)

Integrates existing [sensors, cameras and control systems](#)

[Applies AI and video analytics](#) for smarter decisions and incident response



Citywide real-time camera monitoring

Cities managing large infrastructure need a way to monitor safety and security across thousands of cameras and data sources in real time.

Solution:

Using the VantIQ platform, a regional technology provider deployed a system that integrates video feeds, sensors and AI to manage traffic, track objects and improve public safety across a major city in the Middle East.

Why VantIQ?

VantIQ delivers real-time intelligence and adaptable integration for complex deployments—far beyond what traditional off-the-shelf systems can support.

Ingests and analyzes thousands of camera streams **in real time**

Enables crowd management, object tracking and automated security alerts

Supports smart surveillance with **facial recognition**, pattern detection and AI



Real-time traffic optimization for large cities

Cities and transportation agencies need a smarter way to reduce congestion and improve roadway safety—especially during high-traffic events and poor weather.

Solution:

Using the Vantiq platform, a major U.S. research institute built a system that integrates vehicles, sensors and infrastructure to adjust traffic lights, predict risk and coordinate emergency response in real time.

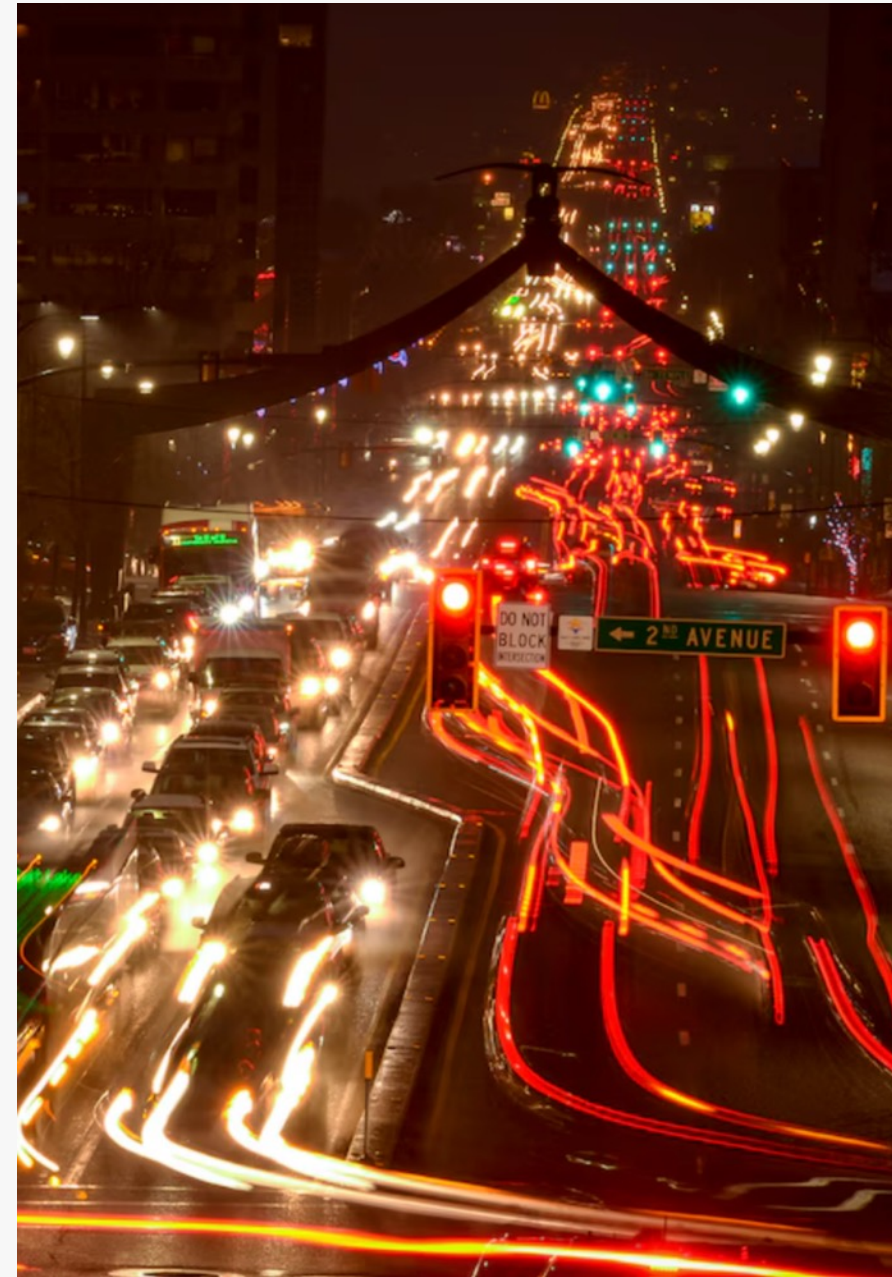
Why Vantiq?

Vantiq orchestrates complex systems fast, delivering mission-critical solutions that adapt in real time to changing road conditions.

Adjusts traffic signals and routes using [GenAI and live sensor inputs](#)

[Anticipates road hazards](#) and congestion for safer, smoother travel

Automates emergency response using [live traffic and weather data](#)



License plate analytics for city public safety

Cities need faster ways to detect and respond to vehicle-related incidents without hiring more staff or relying on manual monitoring.

Solution:

Using the VantIQ platform, an Australian city deployed a system that analyzes license plates in real time, detects anomalies and triggers instant alerts while running on existing infrastructure.

Why VantIQ?

VantIQ brings the speed, flexibility and edge-ready orchestration to activate smart city systems quickly and without disruption.

Under 2 seconds from video to license plate detection

Coordinates edge and cloud to cut false alerts and response time

Generates AI actions that pinpoint locations and trigger alerts instantly



Airport crowd and walkway monitoring

Airports often struggle with crowding and blocked walkways, which create delays for passengers and inefficiencies for staff.

Solution:

Using the VantIQ platform, a major airport in Australia built a system that leverages existing CCTV, computer vision and real-time alerts to keep pathways clear and passengers moving efficiently.

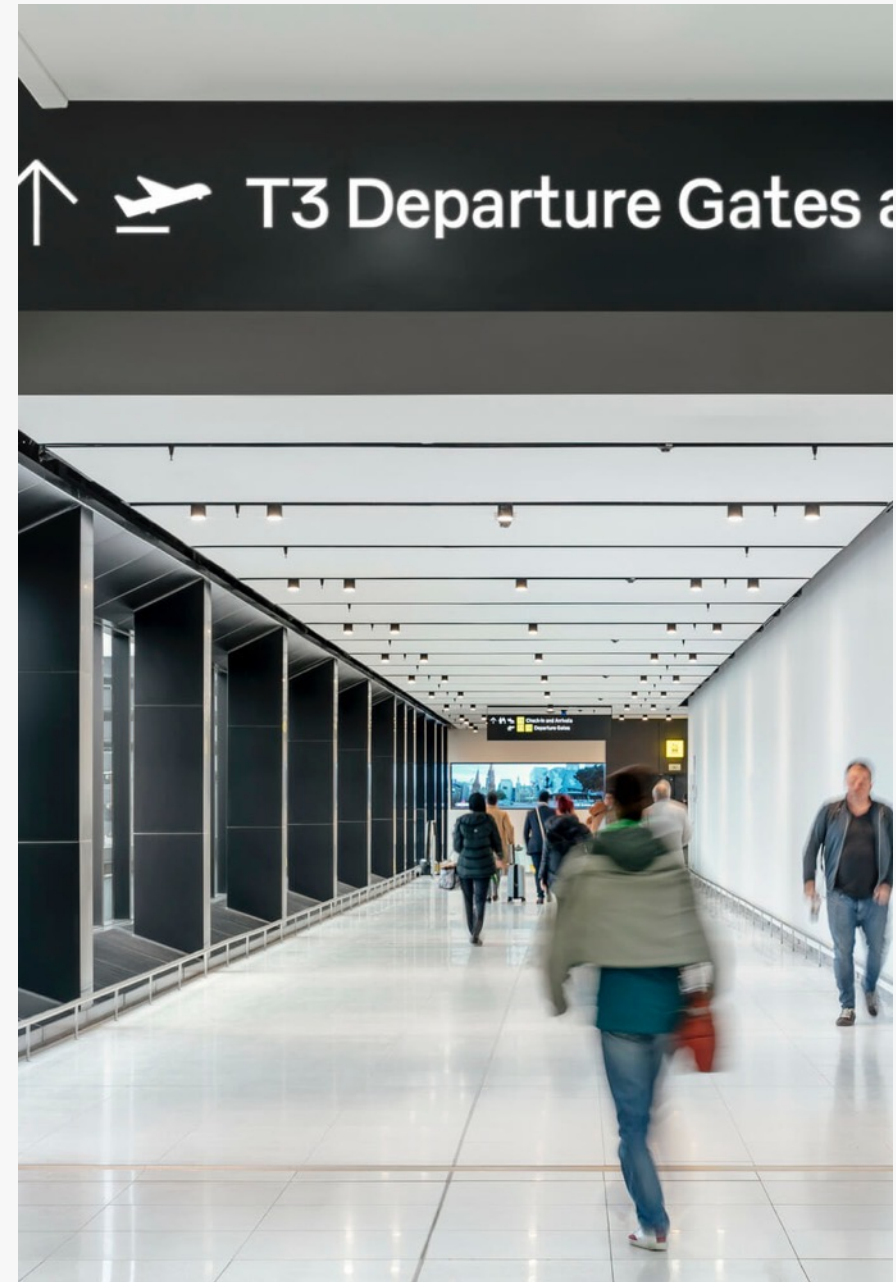
Why VantIQ?

VantIQ works with existing infrastructure to deliver real-time insights in seconds—minimizing disruption while maximizing flow and safety.

Detects **obstructions** like carts or crowding in real time via video analytics

Sends **prioritized alerts** based on location, duration and urgency

Speeds response while **reducing manual sweeps and delays**



Real-time intersection safety and traffic flow

Roadside units (RSUs) generate intersection data every second, but most systems can't act on it fast enough to improve safety or traffic flow—especially in time-critical scenarios.

Solution:

Using the VantIQ platform, a U.S. transportation authority built a system that ingests live roadside unit data, responds instantly to road changes and powers safer, smarter intersections.

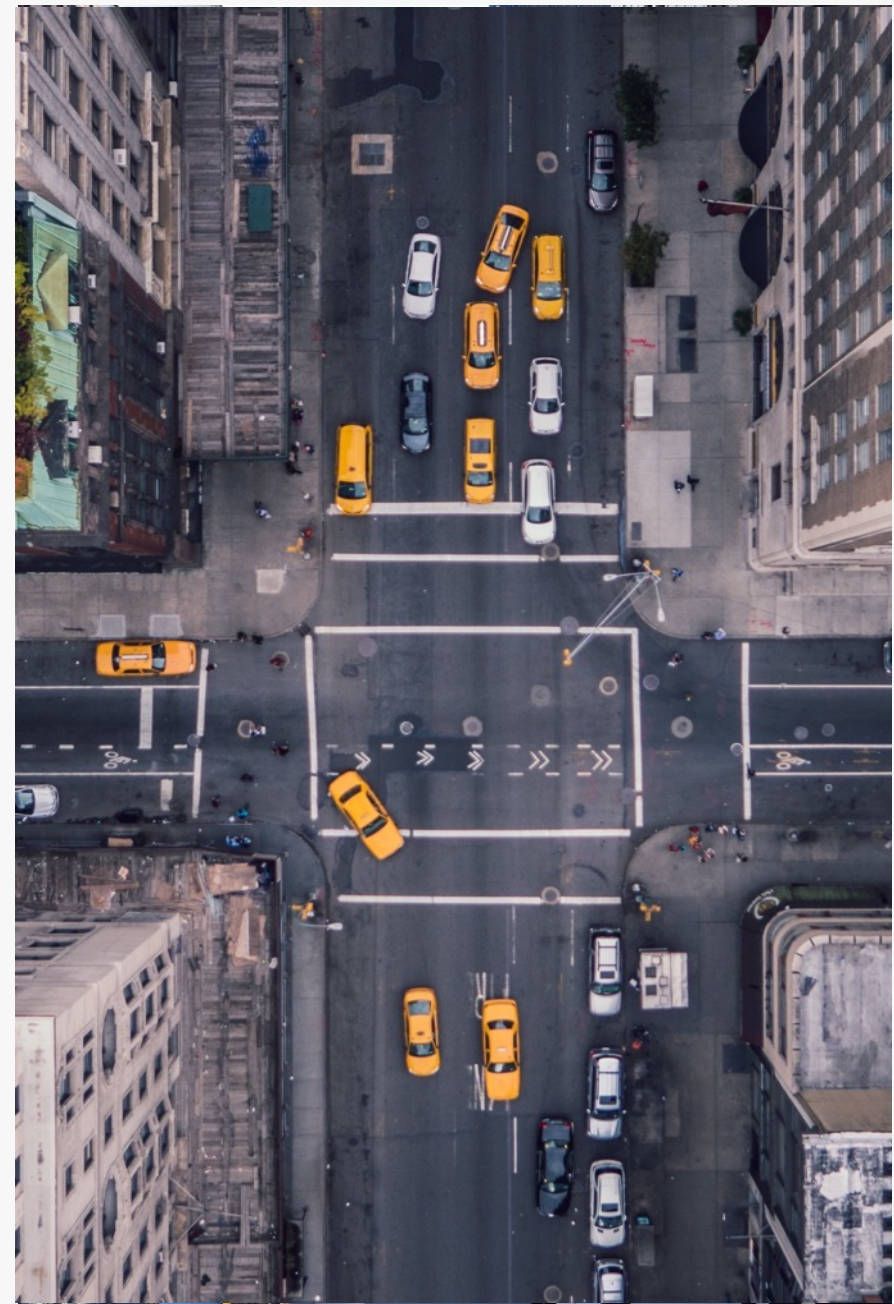
Why VantIQ?

Only VantIQ processes fast-moving, multi-source traffic data and triggers instant actions with edge-based decisioning.

Ingests **10+ messages per second** from RSUs and intersection sensors

Powers **live applications** for driver awareness and pedestrian safety

Responds instantly to **signal, vehicle and emergency event changes**



Real-time city traffic command center

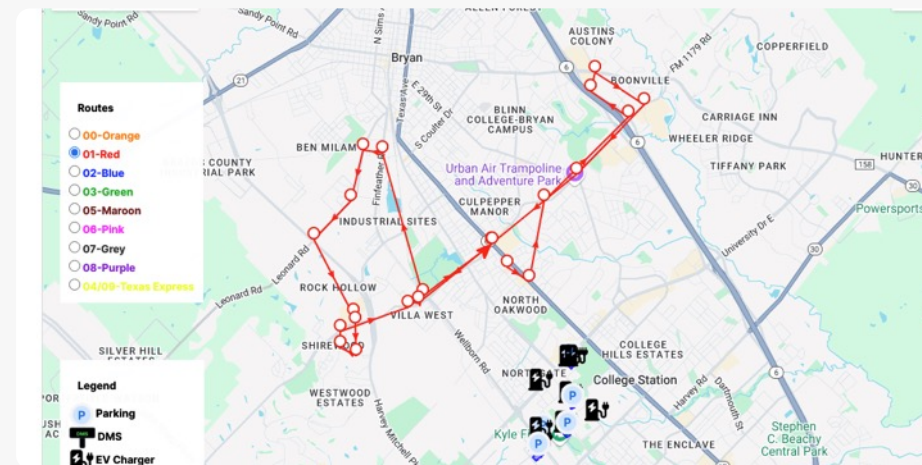
City leaders need one platform to manage traffic during emergencies and large events, but data is scattered across intersections, maps, city systems and third-party sources.

Solution:

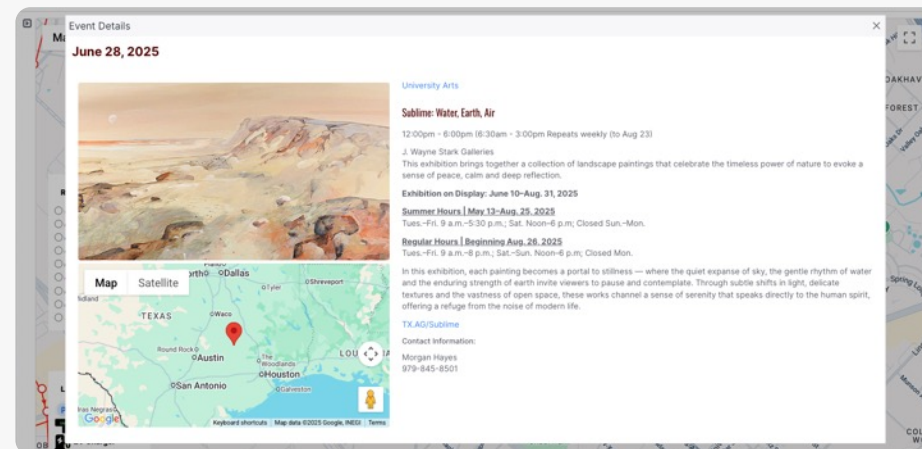
Using the VantIQ platform, a U.S. city built a live command center that unifies 20+ data sources—intersections, GIS, sensors, maps and APIs—to track busy routes, parking, EV chargers, events and message signs.

Why VantIQ?

Only VantIQ unifies diverse data sources into one live, event-driven dashboard that responds in real time.



Command center showing busy routes



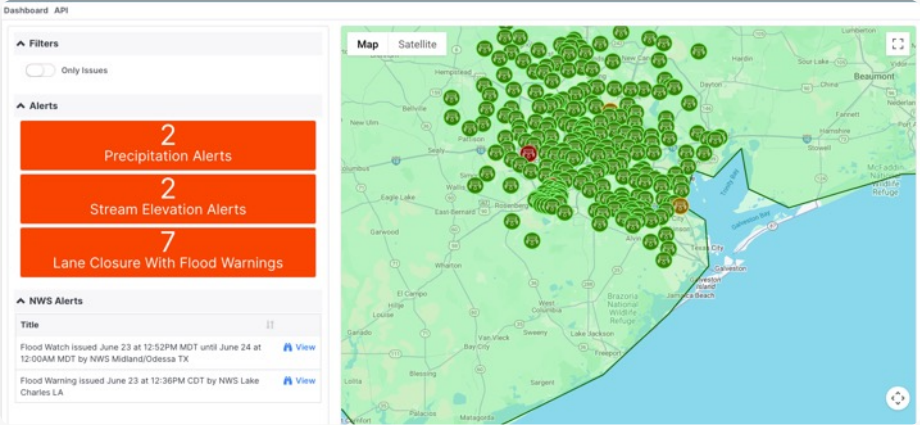
Command center displaying university calendar event details

Location-aware weather alerts for drivers

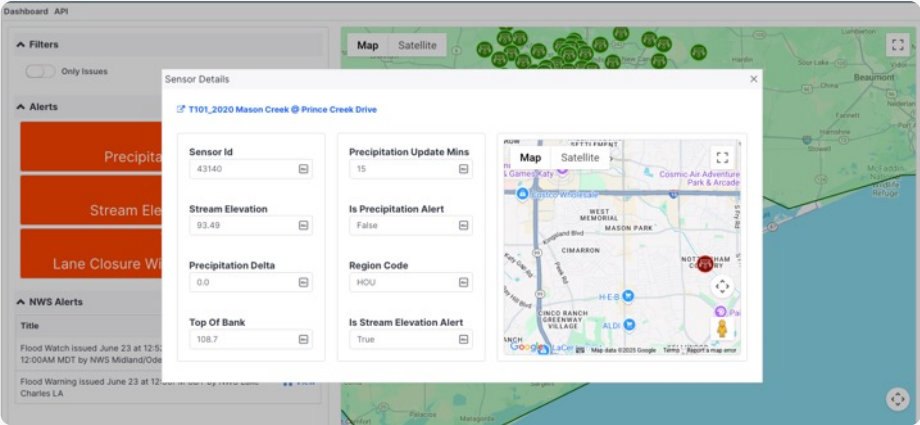
Drivers often receive generic weather alerts that aren’t aligned with their exact location or direction of travel, leaving them unprepared for hyperlocal hazards.

Solution: Using the Vantiq platform, a transportation technology provider built a real-time weather app that fuses live feeds and field sensors to deliver forecasts and alerts tailored to each driver’s exact position and heading.

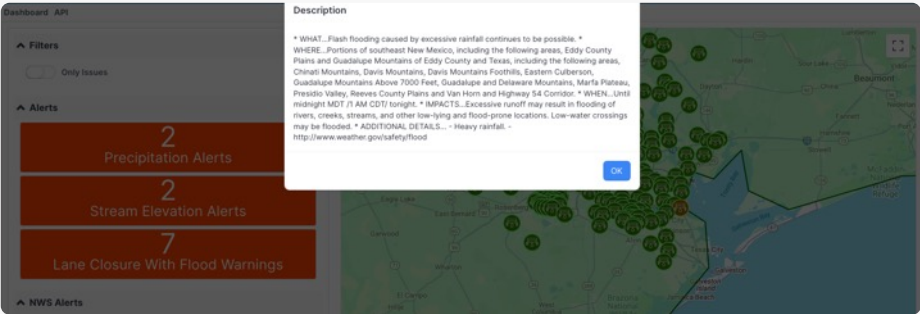
Why Vantiq? Vantiq’s real-time ingestion and processing make it uniquely suited to power in-motion alerts that evolve as drivers move.



Weather alerts dashboard



Individual sensor details



Real-time notifications on weather changes

Real-time disaster response system for Japan

Japan faces frequent earthquakes, floods and other disasters, yet most response systems are slow, fragmented and outdated. Agencies struggle to coordinate, share intelligence and reach citizens in time.

Solution:

Using the Vantiq platform, a global IT services organization in Japan built a real-time system that integrates evacuation protocols, analyzes threats from sensor and satellite data and updates the public instantly.

Why Vantiq?

Only Vantiq can handle the speed, complexity and unpredictability of disasters—connecting data, systems and actions in real time, in any environment.

Integrates municipality-specific evacuation protocols and operations

Analyzes threats using satellite imagery, vision AI and external sensors

Adapts continuously to changing conditions using GenAI and real-time data



Real-time wildfire detection and response platform

Firefighters rely on manual camera monitoring across large regions, so early smoke detection is slow and inconsistent. Disconnected tools and delayed alerts keep crews from acting before small fires grow.

Solution:

Using the VantIQ platform, a large multi-agency wildfire detection network connected hundreds of cameras and AI vision feeds into one real-time system that spots smoke automatically and alerts the right teams instantly.

Why VantIQ?

Only VantIQ could orchestrate AI, camera networks and multi-agency data flows into one real-time operating layer.

Detects smoke automatically using [AI vision models](#)

Sends [instant alerts](#) to fire crews across regions

Coordinates response by [routing data to the right teams](#)



Occupancy and security monitoring for judiciary

Large organizations need a better way to monitor occupancy, detect anomalies and ensure workplace safety—especially across multiple buildings and teams.

Solution:

Using the VantIQ platform, a Middle East government agency built a system that combines video, AI and analytics to track entry and exit, analyze behavior patterns and trigger real-time alerts.

Why VantIQ?

VantIQ combines fast integration, complex event processing and flexible deployment—including on-prem—for high-security environments.

Tracks occupancy and movement across facilities with real-time video and AI

Correlates activity data to flag policy violations, absences or breaches

Delivers real-time alerts and insights to improve oversight and building security



Real-time anti-money laundering investigations

Financial investigations are slowed by siloed systems and manual reviews, making it difficult to detect threats and stop them in time.

Solution:

Using the Vantiq platform, a financial services agency created a system that integrates AI, event-driven workflows and secure data connections to detect suspicious activity and accelerate case resolution.

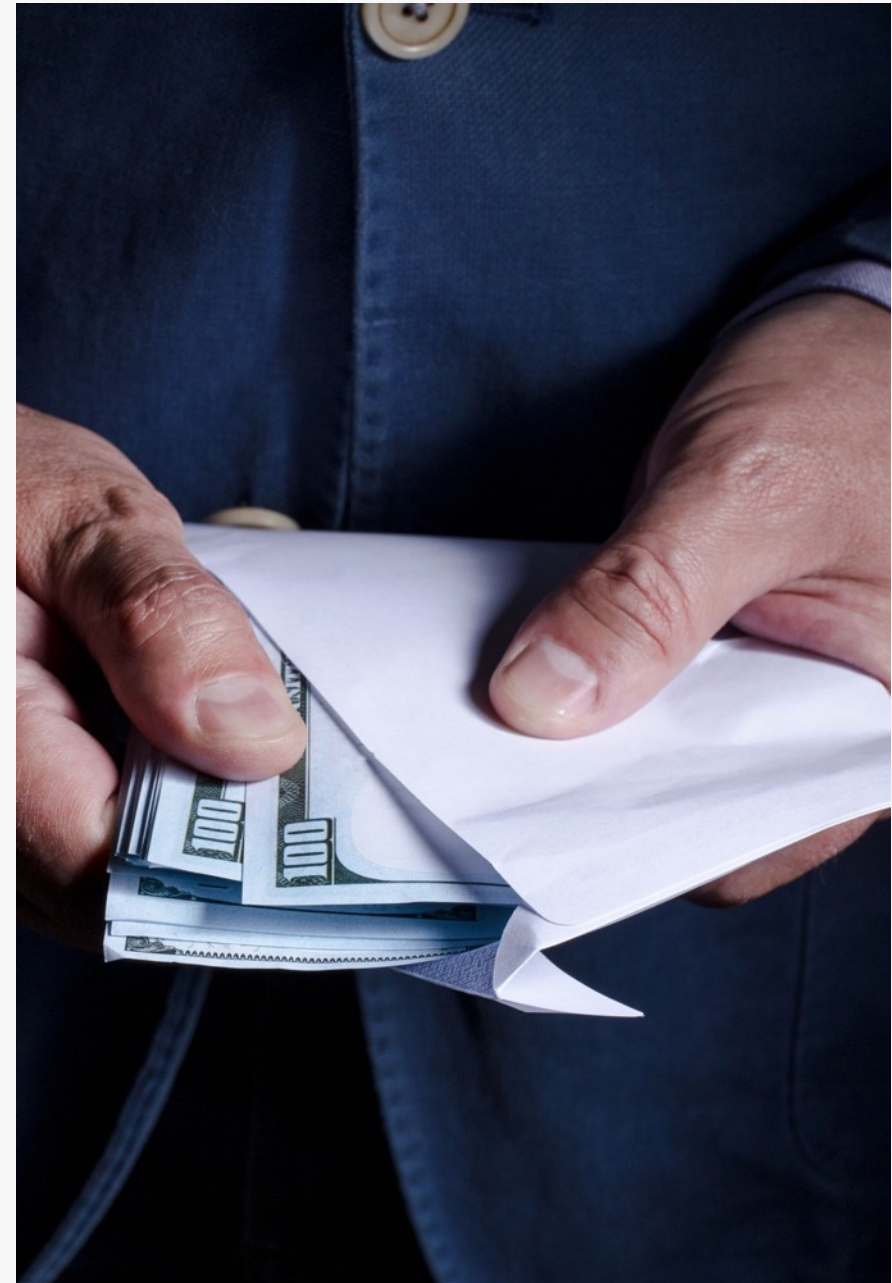
Why Vantiq?

Vantiq connects databases and systems without infrastructure changes—speeding decisions and improving coordination across teams.

Integrates with [customs, AML and intelligence platforms](#) without new infrastructure

Filters out noise with AI to [surface only high-risk entities](#), shipments and behaviors

Manages investigations, documents and requests with [workflows built for frontline teams](#)



Emergency text triage for police operators

Emergency operators are overwhelmed by large volumes of inbound texts, many of which are misclassified or not urgent, slowing response.

Solution:

Using the VantIQ platform, a public safety technology company built a system that classifies incoming texts in real time, routes true emergencies to operators and cuts noise so teams act faster.

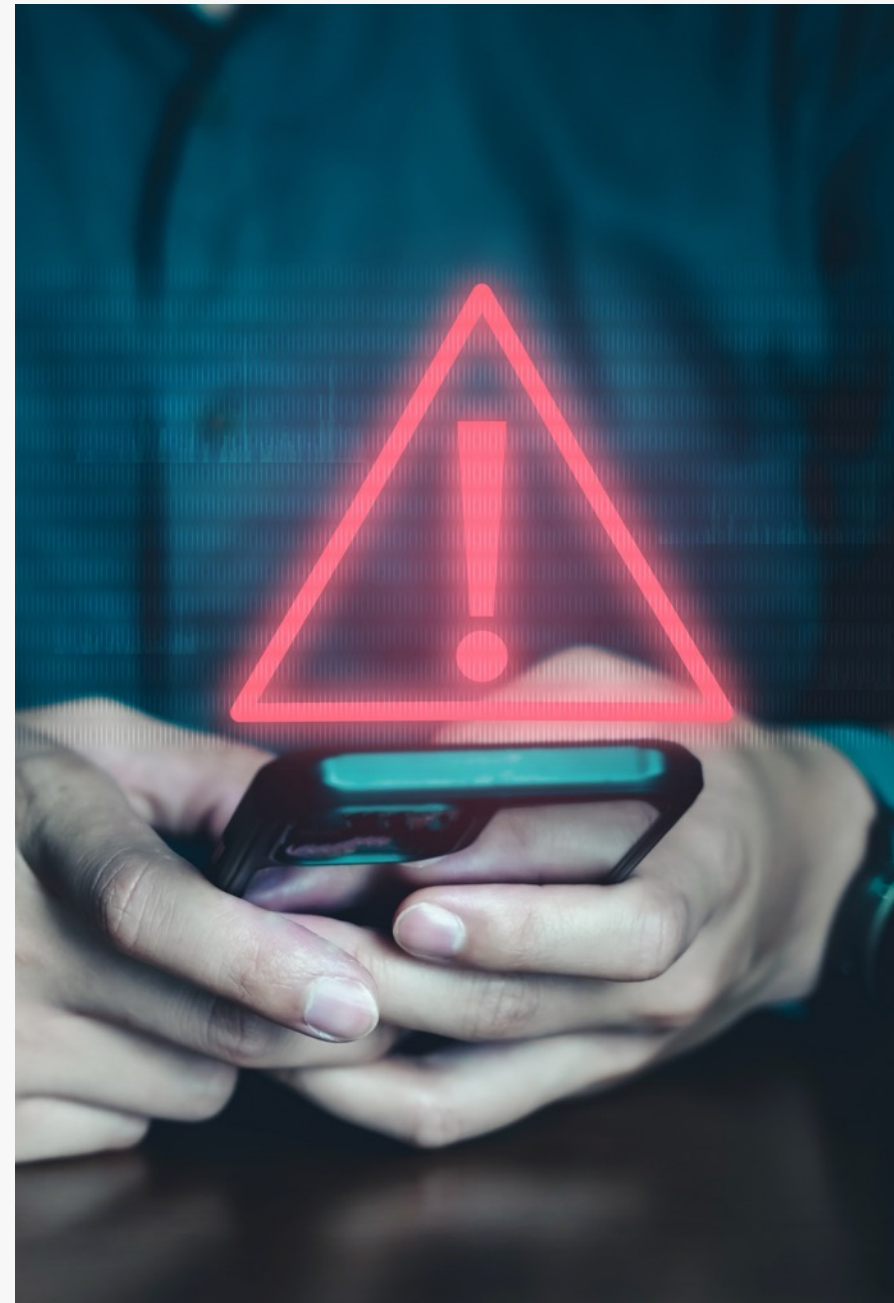
Why VantIQ?

VantIQ supports real-time event classification, LLM integration and model testing for high-stakes, high-accuracy environments.

Reduces operator noise by [automatically routing only true emergencies](#)

[Flags misclassified texts](#) missed by human reviewers in early LLM tests

Includes [testing tools to validate model performance](#) and compare models



Early detection of online influence campaigns

Coordinated online influence campaigns spread quickly, but most monitoring tools detect them too late to stop the damage.

Solution:

Using the VantIQ platform, a public safety organization created a system that monitors live social data, flags spikes in targeted phrases or sentiment and generates real-time alerts so teams can intervene early.

Why VantIQ?

VantIQ applies event-based logic to streaming data and adapts quickly to new themes and keywords, speeding threat detection and response.

Flags targeted language and messaging trends early

Triggers alerts before influence campaigns gain traction

Adapts fast to evolving themes and keywords



Real-time prison security monitoring system

Prison officials need real-time facility monitoring, but switching between disconnected feeds slows incident response and lets threats slip through.

Solution:

Using the Vantiq platform, a corrections agency built a system that fuses CCTV, access control and perimeter sensors into one dashboard, triggering instant alerts and tasks when breaches or abnormal behavior are detected.

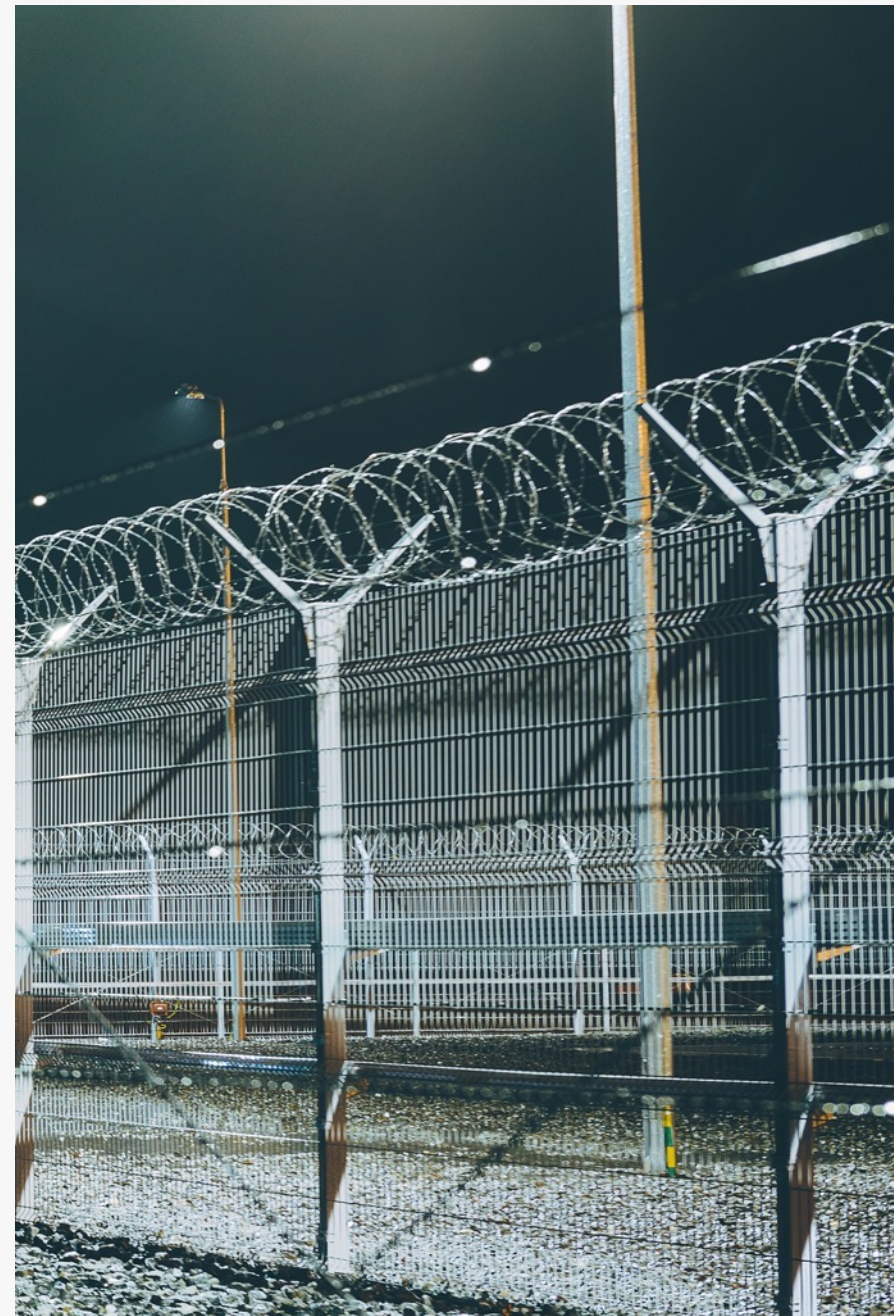
Why Vantiq?

Vantiq processes and correlates live data at the edge, enabling fast, automated coordination without replacing existing systems.

Combines security feeds into one live operational view

Flags potential breaches and routes response within seconds

Keeps alerts active even during network failures via mesh runtime



Real-time online violence prevention system

Violent threats spread quickly online, and most public safety teams can't monitor platforms in real time or act before language turns into action.

Solution:

Using the Vantig platform, a U.S. nonprofit built a system that streams social content, filters it with a custom LLM and alerts intervention teams to detect violent rhetoric and coordinate early response.

Why Vantig?

Vantig connects real-time monitoring, GenAI and automated outreach in one platform built to stop violence before it escalates.

Monitors social media in real time across X, Reddit and 4chan

Uses a custom language model to distinguish violent rhetoric from intent

Coordinates outreach via community ambassadors, ads and future GenAI coaches



Intelligent force readiness system for defense

Defense organizations need to track force readiness in real time using biometric data to detect health issues early, reduce burnout and improve long-term performance.

Solution:

Using the VantIQ platform, a large U.S. defense organization built a system that integrates biometric sensors, AI and GenAI to deliver continuous readiness scores and health alerts, enabling faster decisions and real-time coordination at the edge.

Why VantIQ?

VantIQ speeds development and deployment of complex real-time solutions on strict timelines—built for high-stakes, data-intensive missions.

Normalizes [biometric data from wearables](#) to track individual and unit performance

Generates AI readiness scores at both [individual and team levels](#)

Deploys [GenAI agents that guide performance](#) on Garmin, Oura, Whoop and other devices



Multi-domain C2 for soldiers in the field

Defense and mission-critical operations demand real-time coordination across domains, systems and data sources—yet traditional platforms lack the speed, flexibility and intelligence required.

Solution:

Using the Vantiq platform, a defense organization built a C2 system that integrates sensors, AI and GenAI at the edge to speed decisions and adapt operations in the field.

Why Vantiq?

Vantiq automates and integrates complex workflows at the edge—powering multi-domain systems that operate at mission speed.

Integrates GenAI, LLMs and sensors for [real-time multi-domain operations](#)

Powers autonomous software for [flight reprogramming](#) and [robotic systems](#)

Enables [dual-use applications](#) that adapt to changing missions and user roles



AI perimeter security and threat detection

Enterprises need to detect and respond to threats fast, but traditional security tools are siloed and reactive.

Solution:

Using the VantIQ platform, a defense technology provider deployed a system that integrates video, vibration, audio and sensor data with AI to detect anomalies, assess risks and coordinate real-time responses.

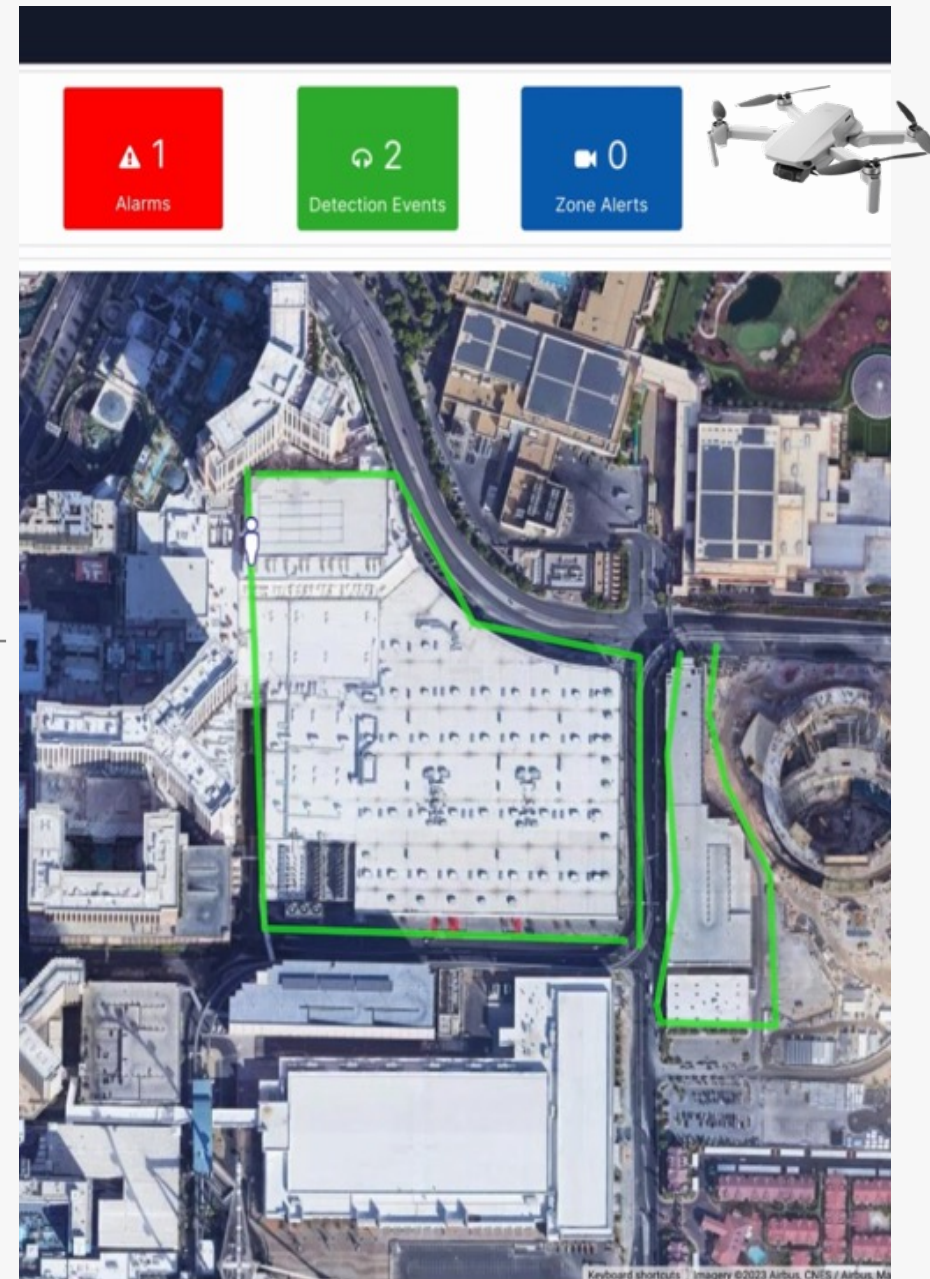
Why VantIQ?

VantIQ integrates and processes complex sensor networks in real time—enabling proactive threat detection at scale.

Unifies cameras, audio and vibration sensors into one threat detection network

Monitors, tags and tracks threats with AI to deliver actionable insights instantly

Adds new IoT sensors and AI easily, future-proofing security operations



Real-time emergency operations for defense

Agencies responding to emergencies or national threats need real-time coordination across people, data and infrastructure, but most systems cannot keep up under pressure.

Solution:

Using the Vantiq platform, a defense agency created an event-driven system that unifies data from sensors, systems and teams to automate response, allocate resources and maintain operational control as events unfold.

Why Vantiq?

Vantiq delivers modular, scalable infrastructure that supports secure orchestration and real-time AI—ideal for fast-moving, mission-critical environments.

Orchestrates cross-agency operations using event-driven intelligence

Uses GenAI and real-time analytics to automate actions under pressure

Integrates across edge, cloud and air-gapped environments for resilience



Low-altitude weather intelligence for drones

Drone operators and industrial systems need access to low-altitude weather data in real time, but most platforms cannot process it quickly at the edge.

Solution:

Using the VantIQ platform, a weather technology company built a system that processes high-density sensor data at the edge to deliver real-time insights for flight safety and operational decisions.

Why VantIQ?

VantIQ provides the agility, integration and processing power to build weather-aware systems that are fast, scalable and future-ready.

Analyzes high-density weather sensor data in real time for better decisions

Integrates rapidly with existing systems for fast deployment and adaptation

Supports advanced IoT frameworks with secure, time-stamped weather intelligence



Real-time intelligence data fusion for defense

Military organizations need to pull and process intelligence from many disconnected systems, but manual workflows create delays and missed opportunities.

Solution:

Using the VantIQ platform, a defense organization built a system that ingests raw data from multiple sources, tags it in real time and uses AI to generate summaries, enabling faster decisions and clearer insights.

Why VantIQ?

VantIQ automates data fusion and preprocessing in any environment, cutting manual overhead and speeding situational awareness.

Connects and cleans data from diverse intelligence sources

Uses GenAI to highlight patterns and generate fast summaries

Speeds up analyst workflows with real-time preprocessing



Real-time biometric and geolocation risk alerts

Security teams need faster ways to identify and track high-risk individuals, but traditional systems rely on manual reviews and slow data matching.

Solution:

Using the VantIQ platform, a national defense agency deployed a system that correlates biometric scans, geolocation data and sensor inputs in real time, automatically detecting patterns and sending alerts the moment risks appear.

Why VantIQ?

VantIQ links live feeds across systems instantly for proactive monitoring and audit-ready coordination—without added infrastructure complexity.

Tracks movement and identity **across locations and data sources**

Detects **high-risk associations** as they happen

Keeps teams in sync with **real-time alerting and coordination**



Edge AI C4I platform for units in the field

C4I teams need AI tools that work at the edge, not just in the cloud. Most systems can't function without connectivity or respond fast enough to local events.

Solution:

Using the VantIQ platform on rugged edge hardware, a military organization built a system that deploys AI agents, LLMs and workflows directly on site, enabling real-time decision support even without network access.

Why VantIQ?

VantIQ runs locally, syncs when networks return and lets teams update mission logic quickly using low-code tools—no recoding needed.

Runs **AI agents and LLMs** directly at the edge—no cloud needed

Keeps **mission logic live during comms outages** via mesh architecture

Lets operators **update workflows in minutes** with low-code tools



AI-driven air mission planning system

Mission planning is slow and manual: teams piece together intel, weather, logistics and targeting from siloed tools, causing delays, misallocations and missed opportunities.

Solution:

Using the VantIQ platform, a defense organization developed a digital twin that unifies mission data, refreshes tasking orders in real time and helps teams adjust plans in seconds while staying aligned.

Why VantIQ?

VantIQ runs at the edge or in the cloud, auto-syncs across systems and adapts fast without code-heavy changes.

Shows **aircraft, targets and weather** in one live digital twin

Refreshes **tasking orders** in under a **minute** with AI

Keeps **planners synced** during **comms loss** via mesh runtime



Unified view for joint battlespace management

Commanders can't decide fast when each domain—air, land, ground-based air defense—runs its own systems. With no unified view, gaps, delays and risk follow.

Solution:

Using the Vantiq platform, a defense agency created a single dashboard that fuses sensor and track data across domains, highlights conflicts in real time and routes actions to the right teams.

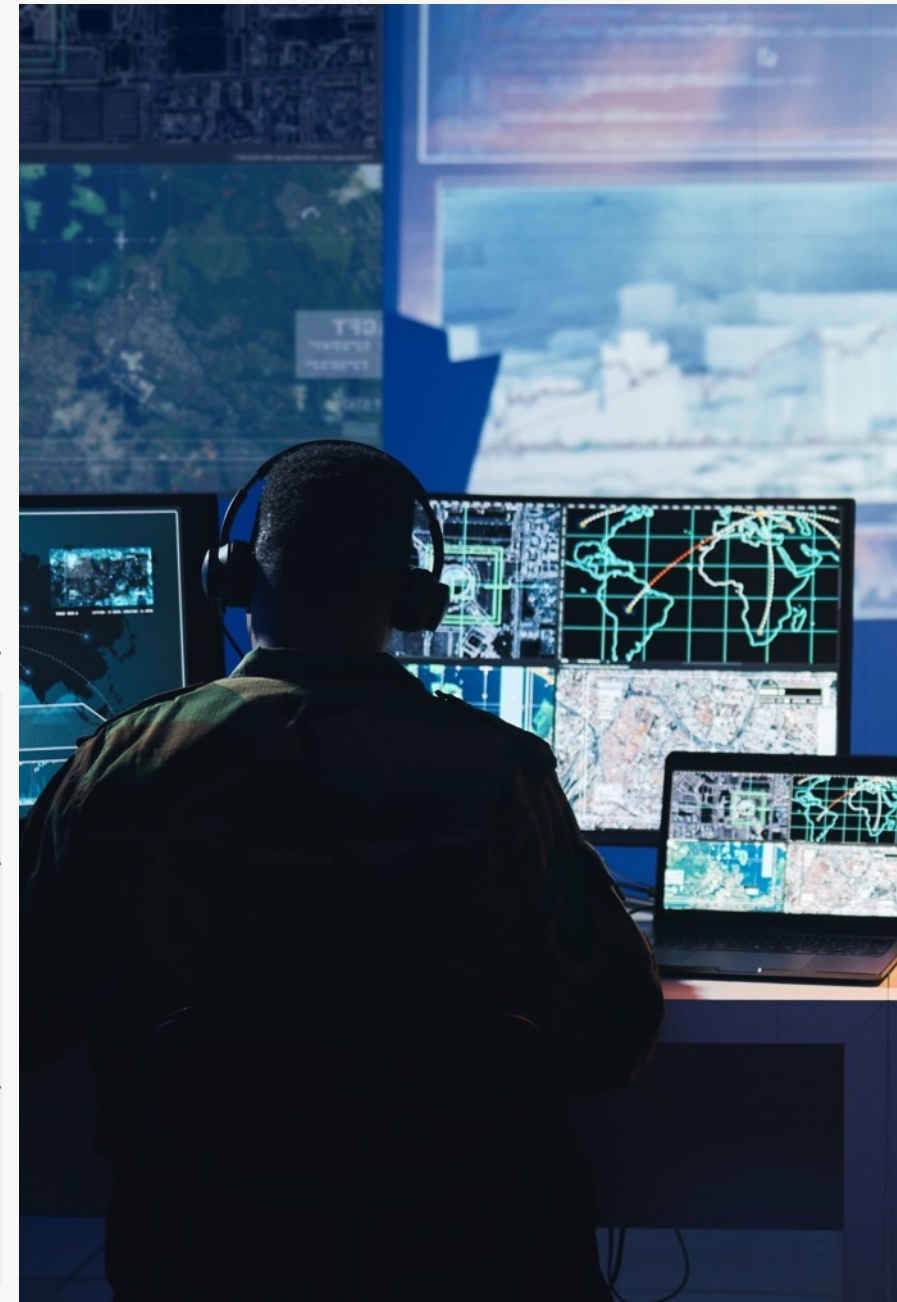
Why Vantiq?

Vantiq speaks 160+ protocols and runs on a distributed mesh built to stay resilient under pressure.

Creates one digital twin across **all assets and domains**

Flags **real-time conflicts** before they escalate

Keeps systems online even under jamming or degraded links



Military cyber operations integration hub

Security teams switch between outdated tools that don't talk to each other. That slows response, hides threats and forces manual intervention when time matters most.

Solution:

Using the VantIQ platform, a military organization built a system that ingests logs in real time, correlates events across systems and uses AI agents to automate responses before attacks escalate.

Why VantIQ?

VantIQ integrates fast with legacy tools, operates across air-gapped systems and scales response with real-time logic and AI.

Connects **160+ data sources** with low-code adapters

Uses **AI agents** to flag and act on coordinated threats instantly

Keeps systems **running during attacks** via mesh runtime



Autonomous drone swarm coordination at the edge

Drone swarms lose coordination when communications fail, as most systems rely on centralized control and proprietary software.

Solution:

Using the VantIQ platform, an aerospace technology provider developed an onboard system that runs directly on each UAV, enabling swarm-wide collaboration and decision-making at the edge without a central controller.

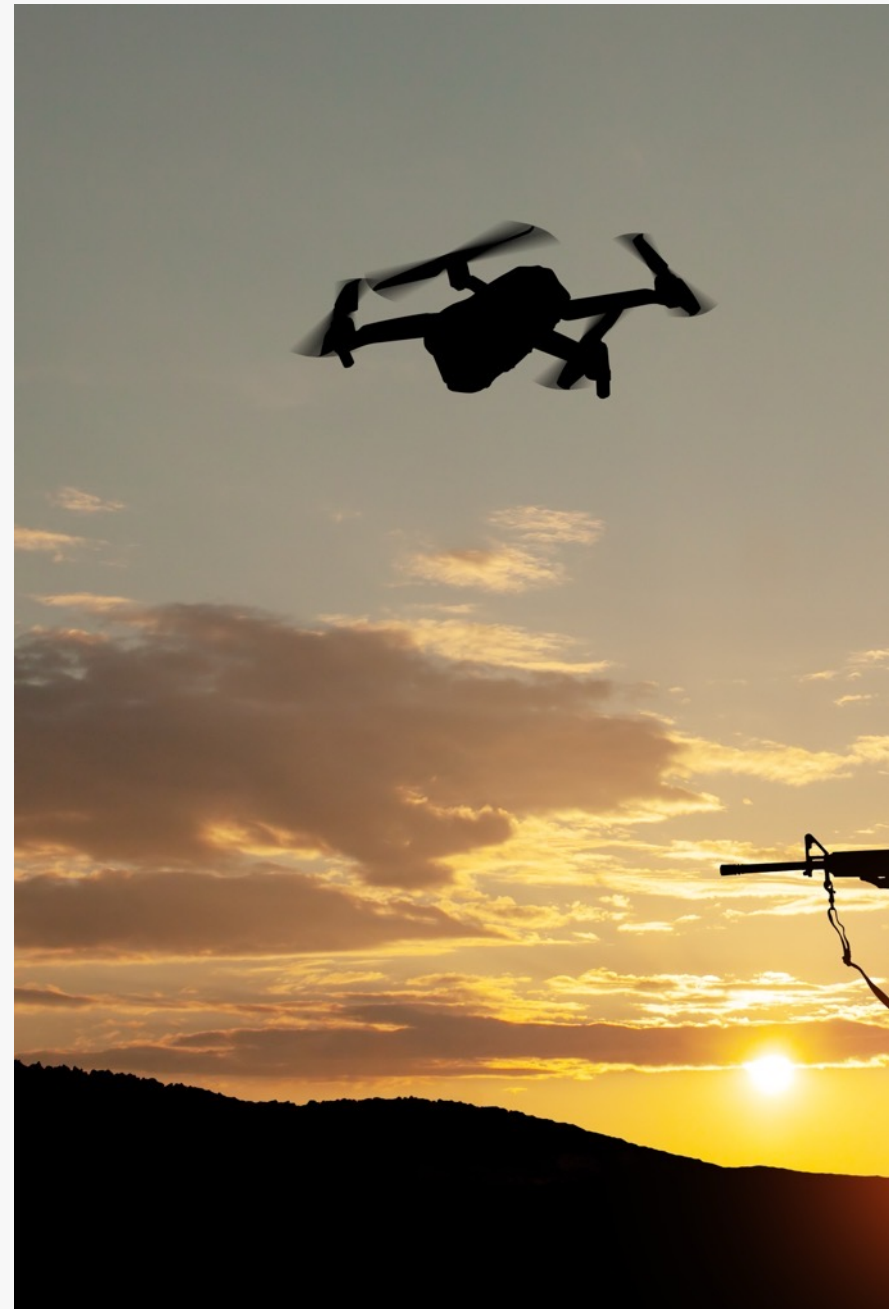
Why VantIQ?

VantIQ's event-driven mesh and onboard AI keep drones operating together, even in denied environments.

Runs **full autonomy and mission logic** onboard each drone

Unites mixed drone types as one team on a **unified event bus**

Maintains **coordination beyond line of sight** via mesh protocol



Real-time common operating picture for defense

Base and battlefield operators rely on siloed dashboards and phone calls to make fast decisions. Without a real-time common view, coordination lags—and critical events are missed.

Solution:

Using the VantIQ platform, a defense organization created an operations center that unifies sensor data, video and personnel status into one real-time dashboard, enabling automated workflows and coordinated responses.

Why VantIQ?

VantIQ unifies live data across domains, scales from base ops to national command and runs disconnected at the edge.

Unifies logistics, alerts and personnel in [one real-time dashboard](#)

Adapts [role-based views instantly](#) to evolving missions

Keeps [ops online when networks fail](#) with an edge-ready platform



Real-time flight safety for drones and aircraft

Drone and advanced air mobility (AAM) operations are expanding, but safety checks still rely on manual review and post-mission analysis—slowing response and risking compliance.

Solution:

Using the VantIQ platform, an aerospace safety provider built a system that monitors flight health in real time, detects anomalies mid-flight and triggers automated risk responses.

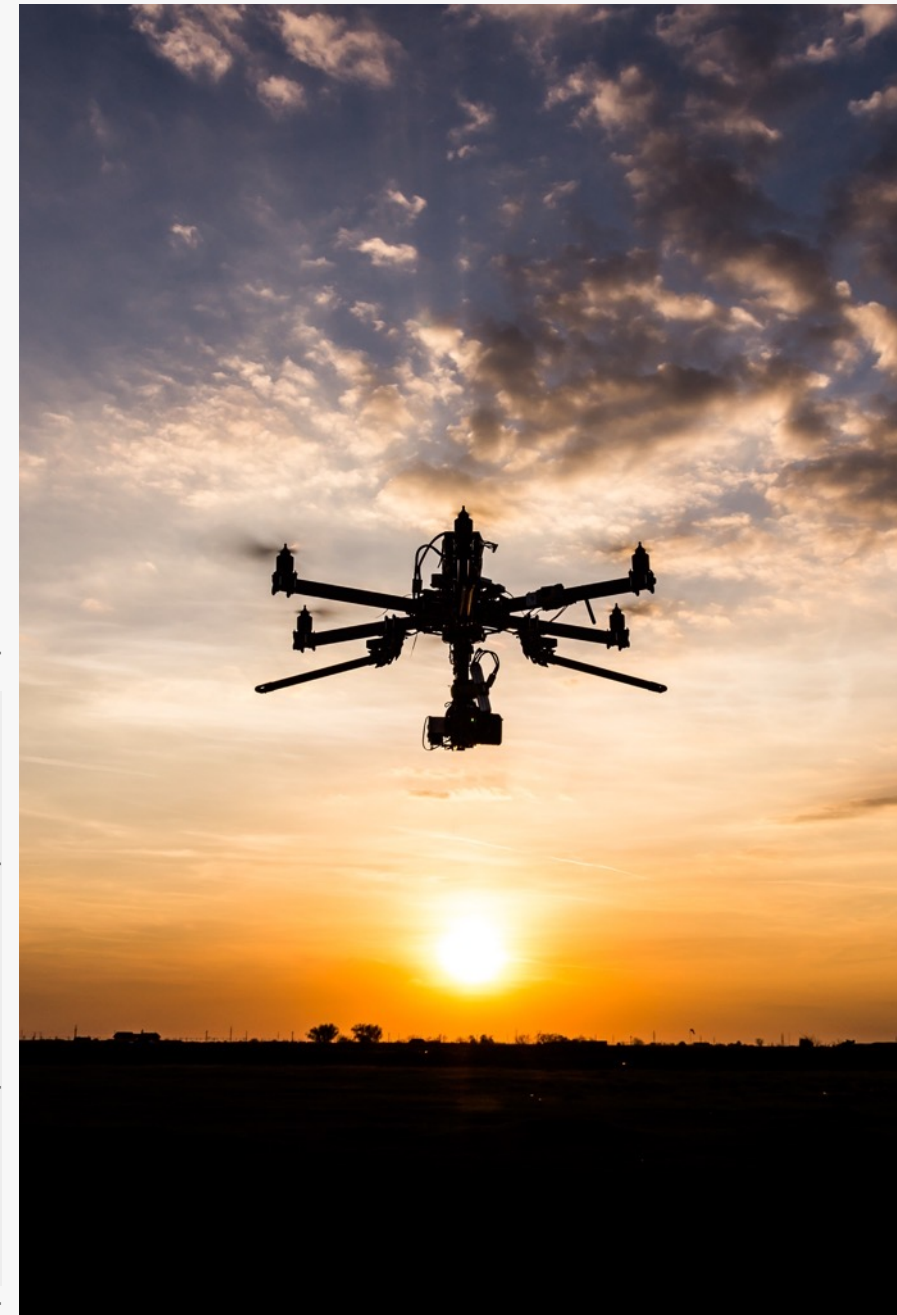
Why VantIQ?

VantIQ provides the speed, scale and integration to bring in-flight safety systems online for next-gen aviation—without waiting for ground review.

Detects off-nominal events and triggers [real-time risk responses](#)

Meets [FAA requirements](#) for BVLOS and AAM operations

Moves IASMS technology [from R&D into real-world operations](#)



Real-time naval logistics and mission platform

Naval teams need one way to manage logistics, maintenance and mission data across ships and support systems, but most platforms are siloed and can't adapt to contested or GPS-denied environments.

Solution:

Using the Vantig platform, a naval technology integrator built a real-time system that connects ship operations, automates logistics coordination and supports alternative navigation when GPS is unavailable.

Why Vantig?

Vantig combines real-time orchestration, AI agent coordination and low-code flexibility in one platform ready for fleet-wide deployment.

Coordinates [maintenance, supply chain and operations](#) in real time

Supports [GPS-denied autonomy](#) with integrated navigation intelligence

[Connects legacy and emerging naval systems](#) in one digital backbone



Edge-native C-JADC2 mission system

Mission systems often depend on centralized infrastructure that fails in contested or degraded environments, limiting coordination across joint forces.

Solution:

Using the VantIQ platform, a military organization built a decentralized command system that ingests telemetry, fuses ISR data at the edge and drives automated decisions while supporting stealth communications.

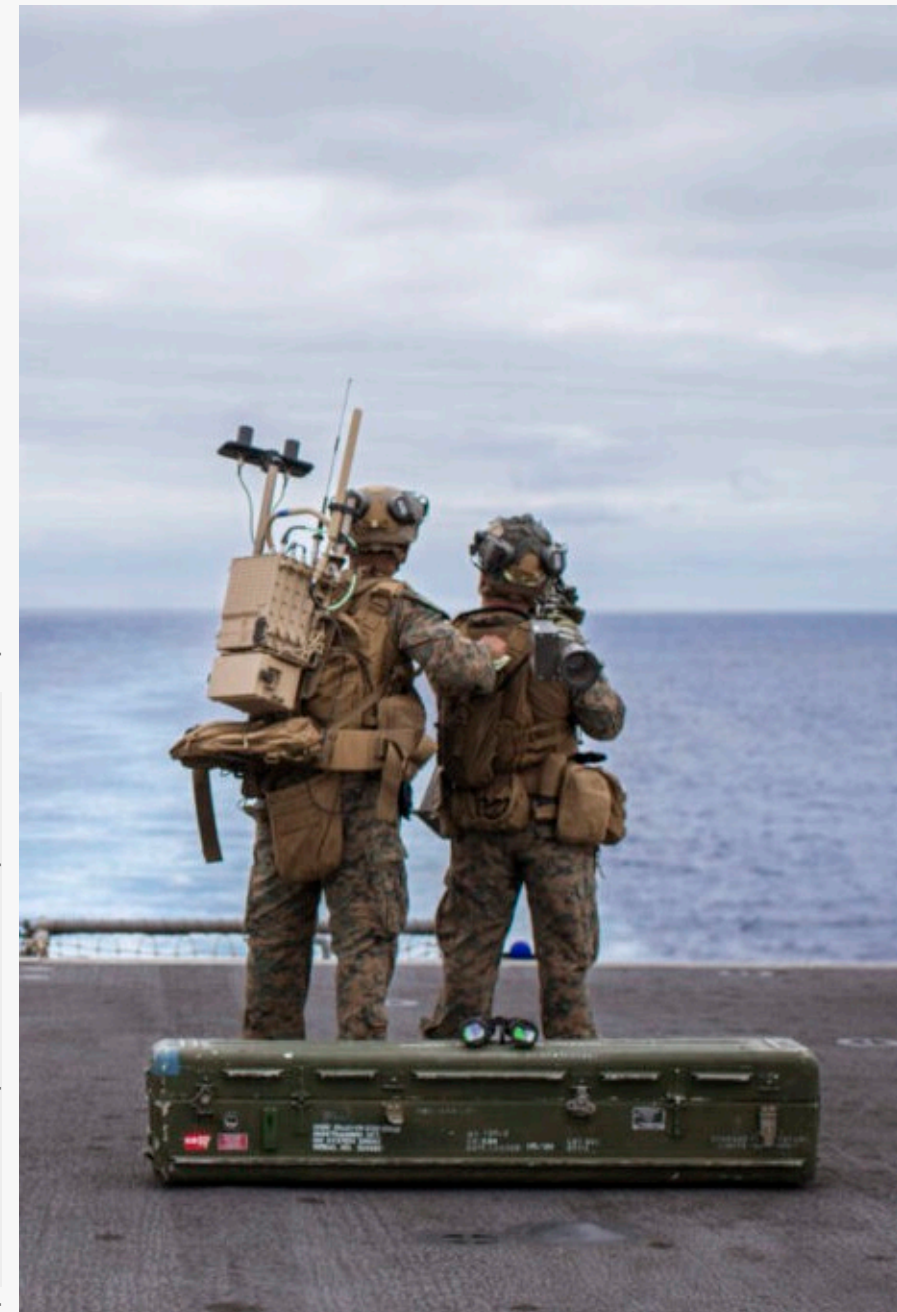
Why VantIQ?

VantIQ delivers low-code adaptability, edge-native performance and AI-powered coordination in one platform built for C-JADC2 modernization.

Operates fully at the edge to [maintain C2 in contested environments](#)

[Integrates stealth comms](#), AI agents and ISR into one decision loop

Aligns with [national defense modernization initiatives](#)



AI orchestration system for space operations

Space operations teams must process live mission data across sensors, ISR and ops platforms, but most systems can't unify that data or respond fast enough in contested environments.

Solution:

Using the Vantiq platform, a space technology group built a system that fuses ISR feeds, automates coordination with agentic AI and connects distributed systems into one real-time command layer.

Why Vantiq?

Vantiq pairs AI-native orchestration with event-driven logic, built for space missions in dynamic, multi-domain conditions.

Processes **live sensor and ISR feeds** across distributed operations

Automates coordination through agentic AI and event workflows

Integrates legacy and future systems into one ops layer



AI-driven tactical land C5ISR platform

Tactical units need real-time decision support across command layers, even in contested or disconnected environments. Most systems fail when bandwidth drops or local intel can't reach central ops.

Solution:

Using the VantIQ platform, a multinational defense program developed an edge-ready C5ISR system that runs locally or in the cloud, connects live ISR inputs and supports layered orchestration for vehicles, squads and command posts.

Why VantIQ?

Only VantIQ orchestrates in real time across all echelons of command, in connected or denied battlespace, with AI-enabled resilience.

Extends edge operations **from HQ to individual soldiers and vehicles**

Runs in cloud or disconnected environments with zero rework

Supports layered C2 across AI, ISR and mission execution



AI-driven air and space battle management

Legacy air C2 systems can't match the scale and speed of modern warfare, struggling to support AI-driven tasking, mobile teams and rapid mission coordination across global forces.

Solution:

Using the VantIQ platform, a European defense contractor created a mission system that supports thousands of daily operations, enables AI-driven tasking and integrates legacy and next-gen systems into one real-time loop.

Why VantIQ?

Only VantIQ's real-time orchestration integrates legacy platforms, adapts rapidly and scales from enterprise command to edge AI.

Supports AI-driven tasking and weaponizing at global scale

Operates across CAOCs and briefcase-sized mobile units

Integrates legacy and next-gen systems in one real-time loop



Intelligent building management platform

Modern buildings rely on thousands of sensors, systems and services, but integrating them in real time is complex and costly.

Solution:

Using the VantIQ platform, a major telecom provider in Tokyo built a system that orchestrates sensors, cameras, AI and GenAI across diverse building technologies, creating spaces that adapt in real time to security, energy and occupancy needs.

Why VantIQ?

VantIQ cuts the time and effort to deploy intelligent infrastructure—handling high-volume data and system coordination without the overhead of traditional development.

Orchestrates all building tech for safer, smarter, more responsive spaces

Manages complex environments with thousands of sensors, cameras and services

Cuts development time and effort by handling integration and logic in real time



AI-powered HR agent for S&P 500 companies

HR teams are overwhelmed by routine questions and system complexity, making it difficult to support hybrid work and deliver timely employee support.

Solution:

Using the VantIQ platform, a large enterprise built an AI-powered HR agent that automates internal inquiries, delivers real-time answers and frees HR staff to focus on strategic work.

Why VantIQ?

VantIQ combines real-time intelligence, secure integrations and adaptive learning—making it easy to deploy scalable, human-like agents across enterprise systems.

Automates routine HR requests like [policy lookups](#) and [benefits questions](#)

[Integrates with existing tools](#) to enhance support without replacing core systems

[Protects sensitive information](#) with role-based access, privacy filters and safe AI



Instant mapping and location platform

Enterprises managing complex location services and high-volume telemetry often lack real-time visibility into system health and risks, slowing response.

Solution:

Using the VantIQ platform, an IT services provider created a system that transforms live server logs and telemetry into real-time intelligence, giving enterprises instant visibility without replacing infrastructure.

Why VantIQ?

VantIQ processes massive data streams in real time and integrates easily with APIs and platforms to power smarter mapping, logistics and monitoring systems.

Streams and analyzes live telemetry from servers, sensors and edge devices

Adds real-time intelligence without disrupting workflows or APIs

Supports faster logistics, smarter city planning and rapid incident response



Real-time security service for telecom sites

Telecom operators manage thousands of sites with separate systems for video, sensors and access logs, leaving threats unnoticed and outages costly.

Solution:

Using the VantIQ platform, a telecom provider in the Middle East created a system that streams and correlates data from cameras, IoT sensors and access controls into one dashboard, detecting intrusions instantly and triggering automated responses.

Why VantIQ?

VantIQ unifies live events at the edge or in the cloud, scaling to thousands of cameras and devices without new on-prem hardware.

Detects intrusions instantly with **AI video analytics** on a real-time engine

Cuts false alarms and response time by **correlating video, door and sensor data**

Deploys in weeks—low-code tools **cut build time by up to 90 percent**

