VANTIQ | TrackableHealth.AI™

CASE STUDY

Real-Time Force Readiness for the U.S. Air Force

The U.S. Air Force needed a way to monitor and assess the field readiness of its personnel in real time. To build this state-of-the-art system, Trackable Health AI turned to Vantiq, a real-time AI orchestration platform built for mission-critical operations.

Building a Unified Readiness Platform

Using the Vantiq platform, Trackable Health AI built a system that ingests live data from multiple wearable manufacturers, normalizes it into a single readiness score, and surfaces it to commanders through dashboards, alerts, and a consent-first mobile app.

Key Results

50% Faster deployment than projected

24/7 Continuous biometric monitoring

1000s of events orchestrated in real time

Why Trackable Health AI Chose Vantiq

Built for real-time orchestration

Vantiq's event-driven architecture was purpose-built to coordinate multiple data streams, AI models, and downstream actions as events unfold, not in batched reports.

Speed from idea to production

Vantiq's low-code orchestration environment compressed a projected 3-year build into 18 months without sacrificing scalability or compliance.

Mission-critical-grade by design

The platform met the Air Force's zero-trust and AWS GovCloud requirements out of the box, with a path to fully compliant on-premise deployment.

"I went from looking for a vendor to finding an inspiration. Vantiq isn't just another technology. It's scalable, cost-effective, cyber-compliant, and performs at the speed of need."

–Greg Hayward, CEO, Trackable Health AI

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About Trackable Health AI

Trackable Health AI builds AI-driven health monitoring systems that turn wearable biometric data into instant readiness insight, helping military and enterprise leaders make faster, sharper decisions about the people they command.

The Challenge

Wearable devices already collected rich biometric data, but it sat in incompatible silos with no way to translate it into a unified picture of force readiness. Building a system that could orchestrate multiple wearable platforms, deliver real-time insights, and meet zero-trust security requirements was projected to take three years.

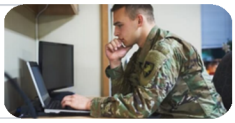
Key Solution Capabilities

Mission-Ready Command View

Commanders see go-or-no-go readiness for every individual and unit at a glance, with trends over time.

Proactive Automated Alerts

Vantiq instantly notifies leadership when biometrics fall outside safe thresholds.

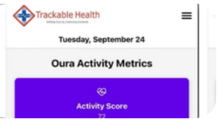


Unified Wearable Data

Vantiq standardizes metrics from Garmin, Whoop, Oura, and Somatix into a single readiness score.

Secure, Flexible Mobile App

Personnel control their own data through a mobile app, while leadership gets real-time mission insight.



Built for What Comes Next

The platform is live across select U.S. Air Force bases, giving commanders the real-time insight that fragmented assessments could never deliver. Trackable Health AI is now extending the same Vantiq-powered platform into healthcare, asset monitoring, and digital health passports.

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

Schedule a live demonstration and discover what's possible.

Visit www.vantiq.com

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