visioAir

Product Catalog

2026

AI-Powered Security Ecosystem for Critical Facilities



- vA Insight
- vA Sentinel
- vA Track

One Platfrom.

Multiple Security Layers.

- VisioAir transforms existing cameras, sensors, RF/Wi-Fi signals, and autonomous drone systems into one AI-powered security ecosystem for critical facilities. By combining real-time video analytics, multi-source data fusion, and centralized command capabilities, VisioAir enables security teams to detect risks earlier, verify incidents faster, and respond with greater operational control.

01 SEE



Gain complete situational awareness through cameras, sensors, RF/Wi-Fi signals, and drone-based field visibility.

02 ANALYZE



Turn real-time security data into actionable intelligence with AI-powered detection, risk scoring, and event correlation.

03 SECURE



Coordinate alerts, drone verification, and operator response through one centralized command environment.

Cameras · Sensors · RF/Wi-Fi · Drones · AI Analytics · Command Platform



THE SECURITY GAP IN CRITICAL FACILITIES

01 Passive Monitoring



Most security systems simply record incidents instead of actively detecting and analyzing risk in real time.

02 Disconnected Infrastructure

Cameras, sensors, security personnel, and drone systems often operate as separate layers without a unified operational picture.

03 Delayed Response

Threat detection, verification, and response processes frequently depend on manual workflows, causing critical delays.



Integrated Security Ecosystem

VisioAir combines cameras, sensors, RF/Wi-Fi signals, and drones in one AI powered platform, delivering real-time visibility, faster verification, and centralized security control.

01 Detect Earlier

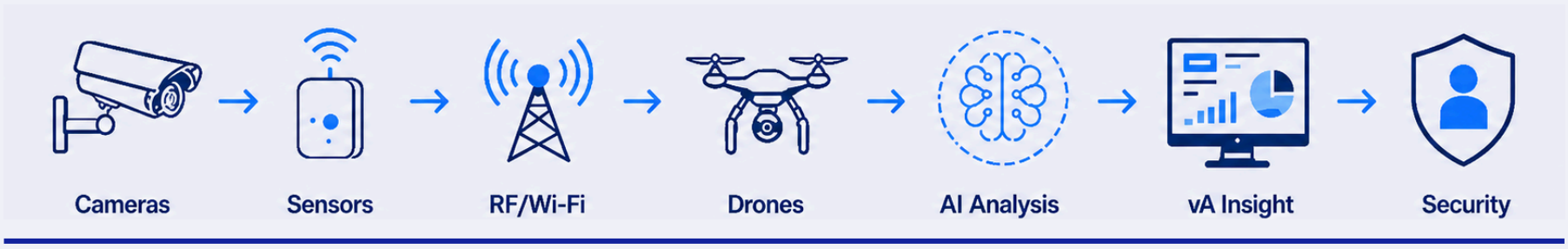
Identify suspicious movements, perimeter breaches, anomalies, and potential threats before they escalate.

02 Verify Faster

Confirm alarm situations quickly by correlating camera, sensor, RF/Wi-Fi, and drone-based field data.

03 Respond Smarter

Coordinate security teams, drone missions, alerts, and operational decisions through one centralized command environment.



vA Insight

AI-Powered Command & Security Intelligence Platform

- vA Insight is the central command and analytics platform of the VisioAir ecosystem. It unifies camera feeds, sensor data, RF/Wi-Fi signals, drone streams, and event records into one operational interface, enabling real-time situational awareness for security teams.

vA Insight Modules

vA Vision

AI Video Analytics Module

Processes live camera and drone video streams to detect objects, suspicious movements, perimeter breaches, and abnormal behaviors in real time.



vA Spatial

Map-Based Facility Intelligence Module

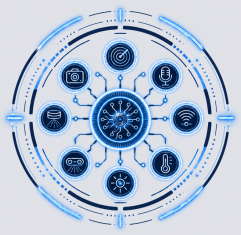
Creates a visual operational layer for buildings, zones, assets, camera locations, risk areas, and incident points within the facility.



vA Sense

Sensor Fusion Module

Integrates data from perimeter sensors, access systems, environmental sensors, and field devices to support more accurate threat verification.



vA Drone

Autonomous Drone Verification Module

Connects drone operations to the command platform for alarm-triggered inspection, patrol missions, live aerial monitoring, and incident verification.



vA Wave

RF/Wi-Fi Signal Intelligence Module

Analyzes RF and Wi-Fi signals around the facility to detect unusual wireless activity, unauthorized devices, and signal-based anomalies.





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vA Sentinel

Autonomous Surveillance

vA Sentinel is the autonomous surveillance layer of the VisioAir ecosystem, enabling wide-area monitoring, threat verification, and drone-assisted awareness for critical facilities. It helps security teams respond faster by reducing blind spots and extending coverage.



Autonomous Surveillance Missions

Execute predefined surveillance routines across critical zones, perimeters, and large facility areas.

Critical Zone Monitoring

Continuously observe high-risk areas such as restricted zones, perimeter lines, entry points, and sensitive assets.

Blind Spot Reduction

Extend visibility beyond fixed camera coverage by using mobile and drone-assisted observation.

Live Command Center Connection

Stream mission status, video feeds, alerts, and operational data directly into the vA Insight platform.

Alarm-Triggered Verification

Support rapid field verification when an alarm is triggered by cameras, sensors, RF/Wi-Fi signals, or operator input.

Customer Benefit

vA Sentinel reduces manual patrol dependency, shortens incident verification time, and improves decision accuracy by giving security teams real-time aerial and field-level awareness.

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vA Track

- vA Track analyzes people, vehicles, and objects across camera and drone feeds, transforming raw video into behavior-focused tracking intelligence for faster security decisions.

Tracking Mode



Compact Mode

- A foldable drone configuration designed for fast transport, easy storage, and quick operational deployment in the field.



01 **Person, Vehicle & Object Tracking**
Track people, vehicles, and objects across live camera and drone video streams in real time.

02 **Zone Violation Detection**
Detect unauthorized entry into restricted areas, protected zones, and monitored perimeters.

03 **Suspicious Movement Analysis**
Identify unusual motion patterns, loitering, abnormal activity, and risk-related behavior.

04 **Cross-Camera Tracking Continuity**
Maintain event continuity as subjects move across multiple camera views and operational zones.

05 **Risk Behavior Pattern Detection**
Highlight behavior patterns that may indicate escalation, operational anomalies, or threat activity.

06 **Privacy-First Tracking Approach**
Support anonymous, behavior-focused analysis without relying on personal identity recognition.

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Secure Critical Facilities with Intelligent Autonomy

- VisioAir brings together cameras, sensors, RF signals, and drone data in a single AI-powered command platform to make critical facility security operations smarter, faster, and easier to manage.

Contact us to build the next generation of critical facility security.

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