



airez™ Product Catalog

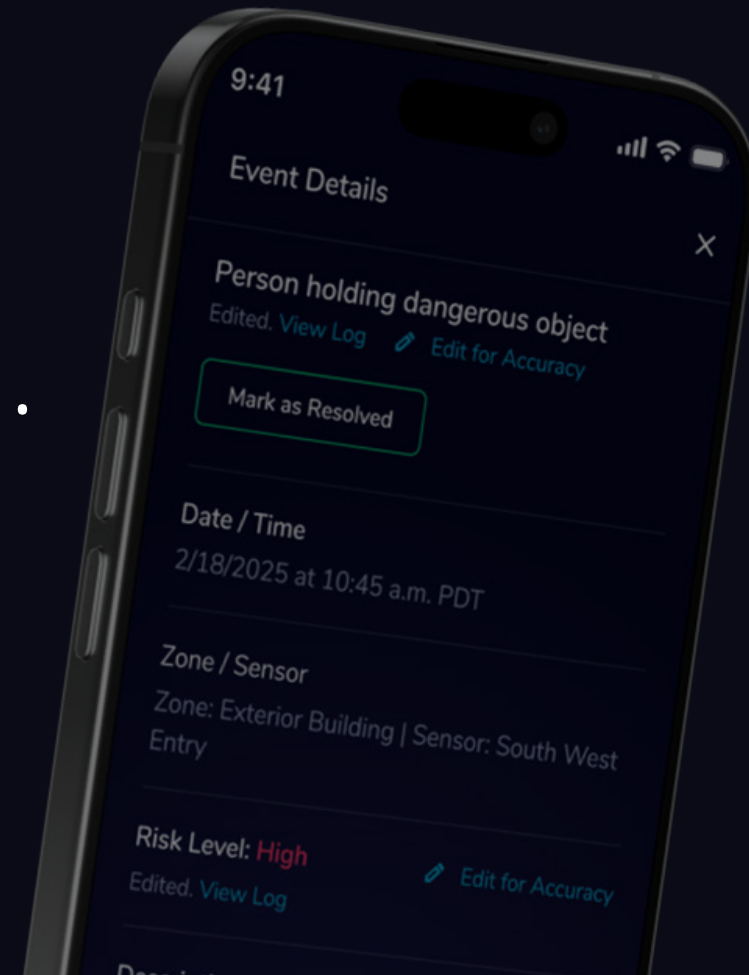
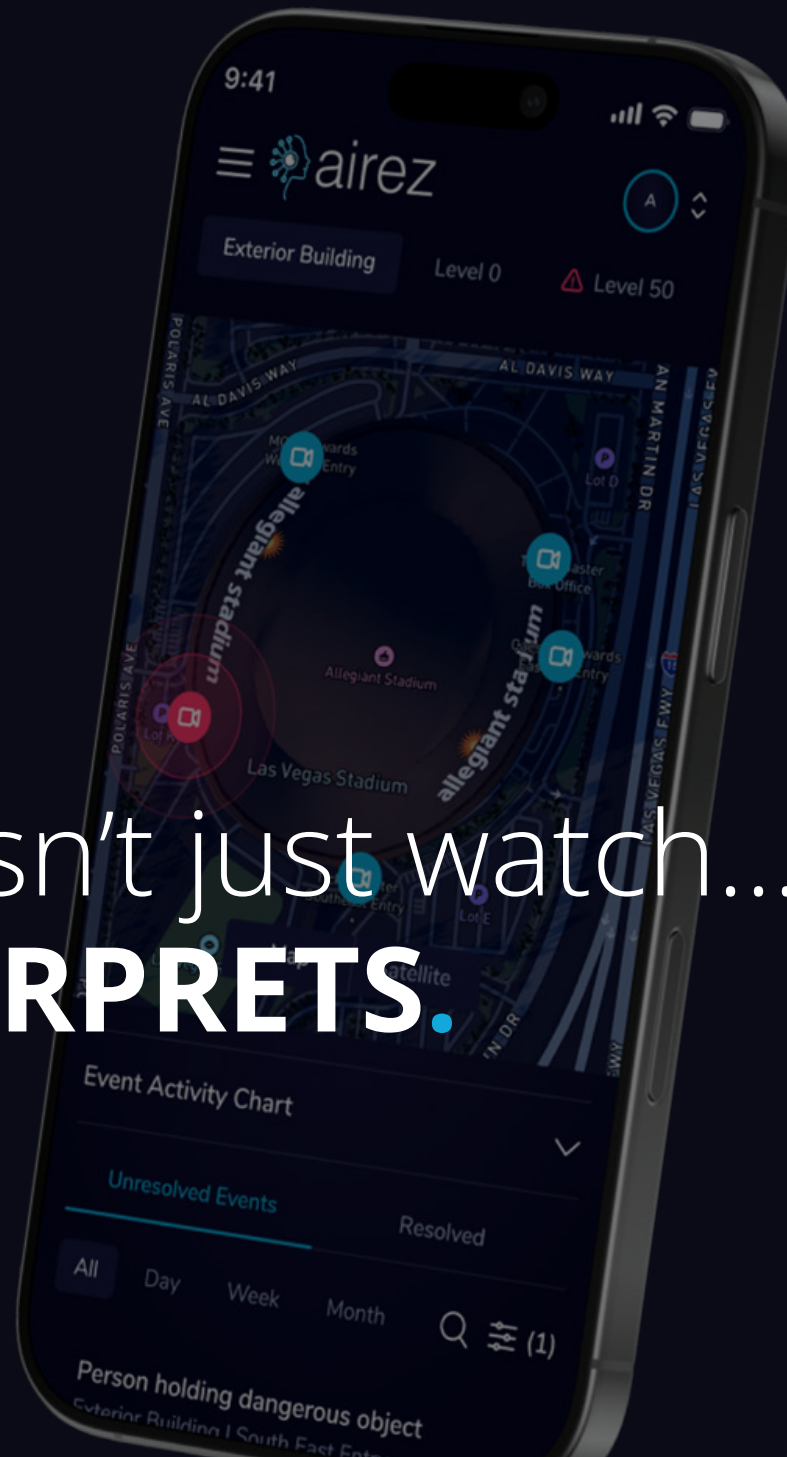
Physical AI for Security, Surveillance, and Operational Intelligence.

Real-time contextual analysis from video and environmental sensors—on-site, at the edge.

Huvr, Inc.
airez.com | (888) 743-0022

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Airez doesn't just watch...
SHE INTERPRETS.



COMPANY PROFILE & PRODUCT LINES

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airez PLATFORM

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Herman DeBoard
CEO & Founder

Herman C. DeBoard III is the Founder and CEO of Huvr, Inc., a decorated U.S. Air Force veteran and three-time exited entrepreneur building physical AI that turns real-world sensors and video into actionable intelligence.

airez

“In a world full of data,
security doesn’t need more
video... it needs
understanding.
airez delivers contextual AI
that turns signals into insight.”

Ai Made Physical

airez™ is a cutting-edge Physical AI platform designed to turn real-time sensor and video data into actionable insights. We help organizations enhance security, optimize operations, and improve efficiency by delivering contextual intelligence on-site... where events happen.

Unlike traditional surveillance systems that simply record, airez IQ interprets what's happening across your facility using cameras and sensors, then surfaces meaningful alerts, trends, and investigative tools that reduce labor and improve response time.

CORE OUTCOMES

- Reduce incidents through early detection and better visibility
- Improve operational efficiency through measurable behavior and environment insights
- Strengthen compliance with auditable, searchable activity and reporting
- Scale across locations with standardized monitoring and centralized oversight

COMPANY HISTORY

From a Video Recon App to airez™

Huvr, Inc. was founded in November 2019 by Herman C. DeBoard III with an early mission: build an intelligent video reconnaissance application that could help teams interpret footage faster and act with better information.

Over time, that mission evolved... because the real need wasn't just video review. The world needed Physical AI that could understand what cameras and sensors are seeing in real time, across complex facilities, without relying on humans to stare at screens.

That evolution became airez™: a commercial-grade platform that delivers contextual analysis from cameras and environmental sensors... helping organizations see risk, anomalies, and operational friction as they occur.

Today, Huvr, Inc. remains the parent company... but our forward-facing platform and product line is airez™.



HOW airez WORKS

A Simple Architecture That Scales

airez is designed to deploy in real-world environments with flexibility for cloud, on-prem, and hybrid operations.

1. CONNECT

- Integrate existing cameras and sensors (RTSP, contact sensors, environmental sensors, etc.)
- Or deploy airez-ready devices and sensor kits

3. VISUALIZE

- airez GSOC provides a “single pane of glass”
- Review alerts, trends, and investigations across sites

2. ANALYZE

- airez Core processes streams in real time
- Detects anomalies and generates contextual event summaries

4. INVESTIGATE & IMPROVE

- Search, replay, and report on events
- Reduce false positives and tune detections over time

The Airez Platform

airez IQ is delivered through a modular ecosystem:



Airez CORE

Real-time decision engine
(AlaaS / edge intelligence)



Airez GSOC

Global command-and-control
dashboard



Airez EDGE

Edge hardware product family for
local processing



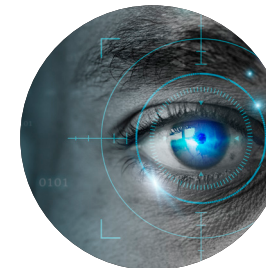
Airez VISION

Cameras + thermal + RF sensor
suite



Airez SENSE

Fiberoptic acoustic intelligence
(OpticSense technology)



Airez PULSE

Biometric + environmental
monitoring sensors



Airez SCOUT

Autonomous mobile monitoring
(drones, quadrupeds, humanoids)



Airez APIs

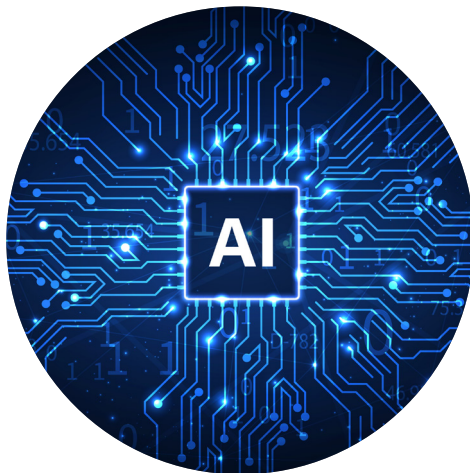
Event streaming and integration
into your existing platforms

airez CORE

The AI Decision Engine



airez CORE is the real-time intelligence layer that processes sensor data and video feeds, detects anomalies, and delivers contextual insights across your facility.



WHAT IT DOES

- Real-time anomaly detection and event recognition
- Contextual alerting (who/what/where/when with confidence scoring)
- Cross-sensor fusion (video + environmental + access + motion + audio)
- Configurable event signatures based on your operational needs

CURRENTLY BEING USED IN

Casinos, healthcare, utilities, critical infrastructure, oil & gas, logistics, corporate security, and any multi-location operations.

COMPLIANCE

Security & Compliance: SOC2 Type II path, access controls, audit logging

airez GSOC

Global Security Operations Command & Control

airez GSOC is our fully integrated command dashboard providing a single pane of glass for operational visibility, alerting, and investigation... across one site or hundreds.

Why Clients Ask for GSOC

Because “data everywhere” isn’t useful unless it’s organized into actionable visibility.



Key Capabilities

- Multi-site monitoring and roll-up reporting
- Alert triage, escalation workflows, and incident timelines
- Investigator tools: search, filter, replay, and export event packets
- Role-based access control for distributed teams
- Designed to integrate with existing SOC/GSOC workflows

airez EDGE Product Family



airez EDGE™ Devices Required for Local Monitoring

airez EDGE is where physical AI becomes real... small enough to deploy anywhere, powerful enough to see everything that matters, and built to keep intelligence on-site, at the speed of the environment.

airez EDGE devices provide localized compute and sensor integration where footage and sensor data are processed near the source. Ideal for on-prem deployments or bandwidth-constrained environments.

airez EDGE Models (MSRP)



I3
8GB
256GB
2TB
360W
LINUX 22.04
5YR PRO NBD ONSITE KYHD

airez EDGE™ 10

up to 10 camera or sensor data streams

\$1,184.50 MSRP



U5
2x8GB
512GB
8TB
1500W
LINUX 22.04
5YR PRO NBD ONSITE KYHD

airez EDGE™ 50

up to 50 camera or sensor streams

\$2,035.50 MSRP



U9
2x16GB
512GB
16TB
1500W
LINUX 22.04
5YR PRO NBD ONSITE KYHD

airez EDGE Pro™ 100

up to 100 streams / tower form factor

\$2,994.00 MSRP

Tower-based units optimized for midsize environments; powerful processing in a compact footprint.

**Pricing is subject to change based on current market prices*



airez EDGE Titan™

server blade / enterprise

\$50,370.00 MSRP

Designed for enterprise-scale deployments with high-performance, redundant architecture.

2x 4410Y
8x 16GB
2x480GB
2x 3.84TB
PERC H755N
2x 10/25GbE SFP28
8x NVIDIA L4
2x 2400W
Linux 24.04
5YR PRO NBD ONSITE KYHD



airez EDGE Micro™

single camera/mobile

\$750.00 MSRP

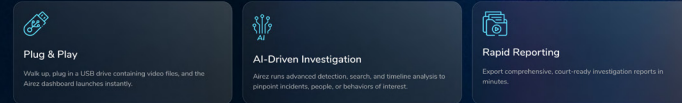
A lightweight, mobile edge unit for vehicles, remote assets, and quick deployments.

On-Prem AI-Powered Video Investigation System

Turn Hours of Video Into Actionable Insights — In Minutes

Airez-Investigator brings the full power of Airez AI directly into your facility in a secure, stand-alone cabinet. Designed for law enforcement, security teams, and private investigators, this plug-and-play system gives you the ability to process and analyze unlimited video without sending sensitive data off-site.

How it Works



Key Benefits



Ideal For



Pricing



Bring the power of an AI-powered investigator inside your own walls.

Contact us to schedule a demo
sales@airez.com | 888-743-0022

Ideal For

GSOCs, SOC, hospitals, corporate security, insurance fraud, critical infrastructure,



STAND ALONE AI VIDEO PROCESSING

On-Prem, Walk-Up Investigation Cabinet

airez INVESTIGATOR is a standalone cabinet + monitor solution designed for post-event investigation. A user plugs in a drive containing video, and airez spins up an investigator dashboard to search, summarize, and extract event evidence.

Why It Matters

- Works on-prem for sensitive environments
- Accelerates investigations without staffing a room of video monitors
- Ideal for regulated industries and security-conscious organizations



Temperature/humidity anomalies



airez PULSE provides facility-wide awareness using environmental and biometric sensor signals such as temperature, humidity, air quality, presence, and more.



Air quality issues and unsafe environments



Door contact + occupancy + environmental correlation

BIOMETRIC + ENVIRONMENTAL AWARENESS



Smoke/gas thresholds and incident escalation



HD Cameras + Thermal + RF

airez VISION provides high-definition camera systems with thermal and RF capability options for comprehensive visual monitoring and improved threat detection in challenging environments.



Camera Systems



Thermal Detection



RF Sensor Arrays



Integrate airez Events Into Your Existing Systems

airez APIs allow customers and partners to stream events into their existing tools, dashboards, and workflows.

APIs & Web Hooks

airez APIs allow customers and partners to stream events into their existing tools, dashboards, and workflows.



Our Proprietary Fiberoptic Ring Interferometer Sensor

The airez fiberoptic ring interferometer (FoRi) sensor is a cutting-edge technology that utilizes advanced fiberoptic sensing to detect minute changes in environmental conditions, enabling high-precision audio and vibration monitoring.

This sensor provides organizations with unparalleled insights into their surroundings, enhancing security, operational efficiency, and overall situational awareness.

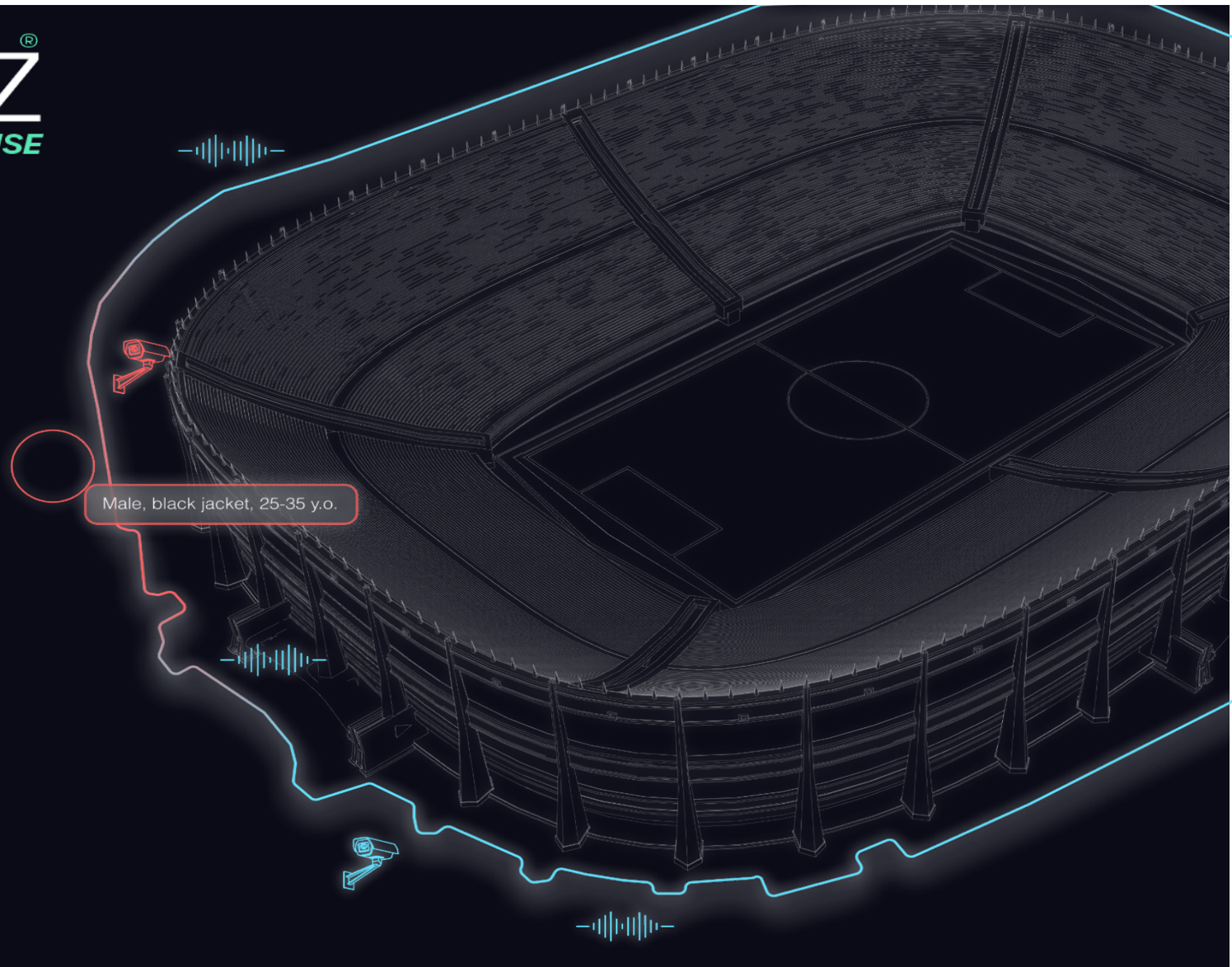
3 Utility Patents

Patent No.: US 11,913,785 B2

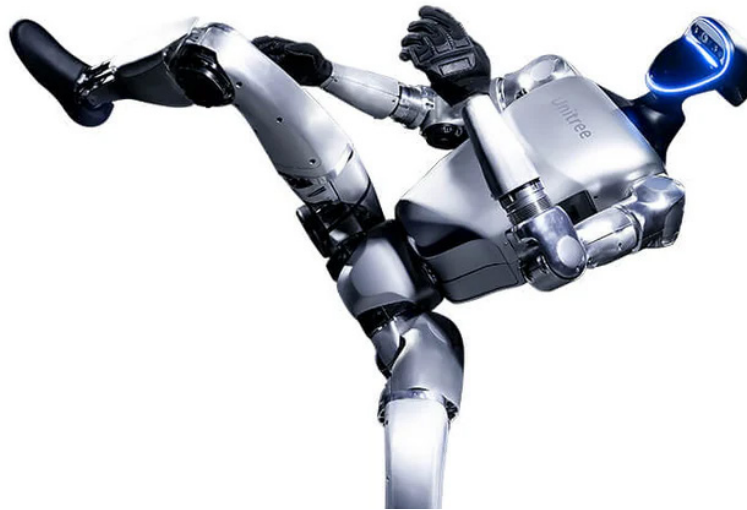
Patent No.: US 12,038,276 B2

Patent No.: US 12,018,941 B2





This is a graphical representation of airez SENSE installed around an existing sports stadium



3rd Qtr 2026 Launch

Autonomous Mobile Monitoring

airez SCOUT is the mobility line of the platform... autonomous systems that extend monitoring beyond fixed cameras.

AirezScout extends Airez beyond fixed cameras and sensors by adding mobile, autonomous “eyes and ears” to environments that change by the minute. When something unusual happens... an after-hours presence in a restricted corridor, suspicious behavior at the perimeter, a safety concern in a remote section of a facility... static coverage can only see what it can see. Scout closes that gap by enabling robotic cameras, drones, and quadrupeds to roam, reposition, and capture better angles, giving security and operations teams richer context without putting staff in harm’s way. This is the next step in “physical AI”: not just detecting anomalies, but expanding awareness in real time so humans can make faster, higher-confidence decisions.





Equally important, AirezScout is built for flexibility... because no two facilities, campuses, or infrastructure zones behave the same. Some organizations need rapid-deploy indoor robotics for warehouses and hospitals; others need outdoor patrol options for utility yards, energy sites, and critical infrastructure; still others need tethered, scheduled, or event-triggered drone routes to cover long perimeters or temporary blind spots. Scout can be deployed as a lightweight add-on to an existing Airez installation or as part of a larger multi-site strategy, adapting to your operational reality while maintaining the same core promise: more coverage, better context, and faster intelligence... without adding more headcount.



Specialty Modules and New Products

*airez takes pride in being an innovative platform launching modules and sensors inside
Airez CORE that respond to our client's reported needs.*

Launching 2nd quarter 2026



A compact, mobile surveillance kit designed for discreet deployment... captures video and sensor signals for rapid, on-site investigations, temporary monitoring, and high-sensitivity environments.



A dedicated aerial awareness system that detects and tracks drones and other airborne anomalies... built for facilities that need early warning, classification, and incident capture above the perimeter.



Multi-sensor people counting and flow analytics using LiDAR, radar, infrared, and WiFi sensing... delivers accurate occupancy, movement patterns, and congestion alerts without relying on a single modality.



Autonomous quadruped patrol integrated with airez... adds mobile visual coverage for large sites, remote zones, and high-risk areas, providing responsive reconnaissance without additional personnel.



A purpose-built monitoring package for utilities and substations... combines perimeter awareness, anomaly detection, and sensor intelligence to protect critical assets and reduce outage risk.



Mobile airez for trucks and logistics... improves driver safety and training, reduces shrink and theft, and provides incident context through video + sensor intelligence on the move.



Vibration-based monitoring for early warning of damaging activity... detects abnormal vibration signatures that can indicate equipment failure, tampering, structural issues, or unsafe conditions.



Water flow and leak anomaly detection... identifies unusual flow patterns, burst events, slow leaks, and after-hours usage to prevent damage, reduce waste, and lower insurance risk.



Real-time gas leak detection and alerting... monitors for abnormal readings, concentration spikes, and safety thresholds to reduce risk, downtime, and regulatory exposure.



Multi-sensor people counting and flow analytics using LiDAR, radar, infrared, and WiFi sensing... delivers accurate occupancy, movement patterns, and congestion alerts without relying on a single modality.



AI monitoring for animal welfare and farm security... detects abnormal behavior, stress patterns, perimeter breaches, and operational anomalies across barns, pens, and pasture zones.



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AIREZ is building the ***neural network*** for the physical world... turning cameras and sensors into real-time intelligence you can trust.

The Future of Physical Intelligence Starts Here

AIREZ was built for environments where failure is not an option—where decisions must be made in seconds, threats evolve quietly, and awareness across air, land, sea, and subterranean domains determines outcomes.

Across borders, ports, airfields, industrial plants, logistics corridors, military installations, and disaster zones, the challenge is the same: fragmented sensors, delayed information, and disconnected response systems.

AIREZ changes that.

By fusing edge AI, multi-sensor networks, patented fiber-optic detection, mobile platforms, predictive analytics, and GSOC-driven coordination, AIREZ transforms physical space into an intelligent, responsive operating environment.

This is not surveillance for the sake of visibility.

- This is decision advantage.
- This is operational confidence.
- This is infrastructure that thinks.

Let's Build Your Intelligence Fabric

Whether you are protecting a single facility or securing thousands of miles of terrain, AIREZ is designed to deploy quickly, scale intelligently, and integrate seamlessly with existing systems.

Our team works directly with government agencies, utilities, transportation authorities, industrial operators, and prime contractors to design deployments tailored to mission requirements... today and into the future.

Now is the moment to modernize how physical environments are monitored, protected, and managed.

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