LOGISTICS

AND AUTONOMOUS FACILITY CONTROL & SECURITY

RAD

an AITX company

Logistics Security Blueprint

Replacing costly guard posts with RAD's autonomous ecosystem delivers significant cost savings while improving response.
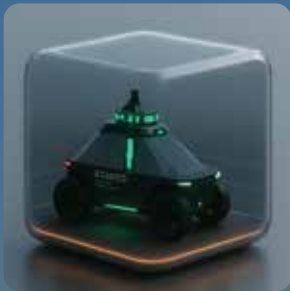
Autonomous

Guards

Gate Access
Autonomous Verified Access
ERC $55K per year
Savings: ~80%

Gate Access
Traditional Guarding
ERC $275K per post/year

Parking Lots
RIO Security Trailer
ERC $60K per year
Savings: ~75–80%

Parking Lots
Guard Patrols on Foot
ERC $275K per post/year

Perimeter Patrol
ROAMEO Patrol Robot
ERC $120K per year
Savings: 72%

Perimeter Patrol
Guards Patrols in Carts
ERC $425K per post/year

Critical Entry Areas
ROSA & SARA Agentic AI
ERC $12K per device/year
Savings: 96%

Critical Entry Areas
Traditional Video Monitoring
ERC $275K per post/year

Visitor Check In
TOM Visitor Kiosk
ERC $1.2K per year
Savings: >99%

Visitor Check In
Security Reception
ERC $275K per post/year

Guarding costs assume one 24/7 post. Most logistics sites require multiple posts, vehicles, or operators, making RAD's savings even greater. ERC = Estimated Retail Cost. Figures shown are per device or post, per year.

Gate Access

AVA - Autonomous Verified Access

- Verify drivers instantly with AI-driven access control.

- Stop tailgating and unauthorized entry before it happens.

- Replace gate guard labor with AVA

- Seamlessly integrates with dispatch and yard systems.

Vehicles **License Plates** **Tailgating** **AI Escalation**

Fast, Seamless Gate Access

When trucks line up at your gate, every second matters. AVA cuts interaction time with user-guided check-ins, logging every plate with edge-based LPR.

Drivers move quickly with PINs or QR codes, while flagged vehicles trigger SARA, our Agentic AI Operator, to escalate in real time.

No delays. No missed alerts. Just fast entry and complete visibility at your facility's most critical choke point.

24/7 Autonomous Coverage

Your gate sets the tone for your entire security operation. With AVA, every entry is verified, logged, and monitored without pulling human guards from critical tasks.

By replacing gate guard labor, AVA slashes operating costs while raising security standards. Integrated with RAD's larger ecosystem, it forms the first step in a layered incident response, detecting risks at the perimeter before they disrupt operations inside.

Parking Lot Security

RIO – ROSA Independent Observatory

- Detects and deters intruders with autonomous audio and visual push back

- Provides continuous 24/7 remote video monitoring through Agentic AI

- Flexible field of view options (180° or 360°) to cover large lots and blind spots

- Deploys anywhere, solar-powered, cellular connected

Vehicles **Firearm Detection** **Trespassing** **AI Escalation**

Beyond a Security Trailer

Parking lots, staging areas, and yards are magnets for trespassing, theft, and vandalism.

RIO goes beyond a standard security trailer by detecting intruders in real time and taking action with powerful lights, alarms, and live audio warnings designed to scare off threats.

Autonomous Coverage at Scale

RIO extends protection across wide, exposed areas like parking lots, staging zones, and yards.

Incidents are verified in real time and escalated through SARA, our Agentic AI Operator, which can notify your team directly by phone.

This ensures security leaders can respond and manage events from anywhere, without relying on costly guard patrols or remote monitoring centers

Mobile Patrol

ROAMEO

- Conducts continuous patrols with 360° situational awareness

- Acts as a visible deterrent with emergency lighting and voice-down capability

- Engages directly with staff or intruders through live two-way communication

- Operates with RAD's Agentic AI Operator, escalating incidents instantly

Vehicles **Loitering** **Human Detection** **AI Escalation**

Always On Duty

Large logistics facilities demand constant patrols, but roving guards are costly and inconsistent.

ROAMEO delivers a superior visible presence without fatigue, inconsistency, or missed rounds..

It autonomously scans for trespassers, vehicles, and safety risks while projecting authority with lights, audio, and two-way communication.

Instant Escalation

ROAMEO operates as part of RAD's layered ecosystem, escalating incidents through SARA our Agentic AI Operator the moment they occur.

From monitoring lots and perimeters to engaging intruders directly, ROAMEO strengthens your incident response by covering the gaps between fixed security points.

Securing Critical Access Points

ROSA – Responsive Observation Security Agent

- Detects human and vehicle activity at sensitive access points

- Responds automatically with lights, alerts, and live audio warnings

- Compact, cellular-connected design installs almost anywhere

- Provides 24/7 ingress/egress protection without dedicated guard posts

Trespassing   **Loitering**   **Firearm Detection**   **AI Escalation**

Stop Threats Fast

Key access points like roll-up doors and loading bays are among the most vulnerable spots in any facility.

ROSA keeps them secure with continuous monitoring, real-time detection, and active deterrence.

Whether it's an intruder, an unauthorized vehicle, loitering near a bay, or even a visible firearm, ROSA responds instantly to stop the threat before it escalates.

Guard-Free 24/7 Security

ROSA extends your security perimeter without requiring manned guard shacks or dedicated patrols.

Its compact, cellular connected design installs almost anywhere and delivers around-the-clock coverage.

Integrated with SARA, our Agentic AI Operator, ROSA escalates incidents instantly, ensuring no intrusion or suspicious activity goes unnoticed.

Unified Surveillance

ROSS – RAD Operations System Software

- Connects any ONVIF Profile S compatible camera to RAD's ecosystem

- Streams video directly into RAD's AI analytics and escalation platform

- Eliminates blind spots by integrating existing and new cameras seamlessly

- Provides a single secure path for monitoring, alerts, and incident escalation

Vehicles **Firearm Detection** **Trespassing** **AI Escalation**

Connect Everything

Your facility may already have cameras installed across docks, lots, or warehouses.

ROSS connects any ONVIF Profile S or IP camera into RAD's ecosystem, instantly upgrading legacy surveillance with AI-driven detection and escalation.

No rip-and-replace required, your existing investment becomes part of a smarter, more proactive security network.

Unified Intelligence and Control

With ROSS, every connected camera is more than just a recorder.

It becomes part of RAD's layered incident response, feeding into SARA and RADSOC for continuous monitoring, instant alerts, and faster resolutions.

From blind spots to high-risk zones, ROSS ensures nothing is missed and every risk is escalated in real time.

Real-Time Response

SARA – Speaking Autonomous Responsive Agent

- Acts as RAD's Agentic AI operator across all devices

- Handles incidents in parallel: verifies, engages, escalates, reports instantly

- Issues live voice-downs and automated deterrence on threat confirmation

- Documents every step in RADSOC for complete visibility

Alarm Verification   **Voice Downs**   **Parallel Calling**   **Incident Reporting**

24/7 Oversight

SARA is RAD's Agentic AI Operator, monitoring for incidents across every deployed device.

Each triggered alert is verified in real time, initiating deterrence and escalation without delay.

By executing security protocols consistently and without hesitation, SARA delivers a level of vigilance and reliability no human operator can match, ensuring every risk is tracked and acted on, day or night.

Faster Intervention

SARA handles incidents in parallel, engaging threats while simultaneously notifying key stakeholders and documenting every step in RADSOC.

She also generates packaged reports delivered automatically by email, giving leaders clear summaries that demonstrate compliance, performance, and ROI.

This ensures faster intervention, complete reporting, and measurable reductions in operating costs compared to legacy monitoring centers.

Active Shooter Defense

FAD – Firearm Detection

- Detects visible firearms in real time with advanced AI models

- Provides instant alerts with image verification to eliminate false positives

- Escalates threats automatically through SARA and RADSOC

- Integrates seamlessly with existing RAD devices and third-party cameras

Firearm Detection   **Alarm Verification**   **AI Escalation**   **Incident Reporting**

Real-Time Threat Alerts

FAD identifies visible firearms the moment they appear on camera.

Every detection is instantly verified with supporting images, ensuring rapid escalation without false alarms.

These verified alerts give security teams immediate, actionable intelligence and deliver the critical seconds that make all the difference in active shooter scenarios.

Automated Response

When a weapon is detected, alerts route instantly through SARA and RADSOC, triggering deterrence, notifying security teams, and initiating emergency protocols.

FAD can also send text notifications to secondary alert lists, broadening awareness across your response team.

Integrated across RAD's ecosystem and compatible with existing cameras, FAD delivers a layered defense that traditional monitoring cannot match.

Virtual Security Escort

RLMW – RAD Light My Way

▪ Virtual security escort via the RAD Light My Way app

▪ Connects users instantly to remote monitoring officers

▪ Activates nearby RAD devices with lights, sirens, and messaging for deterrence

▪ Enhances workplace safety, morale, and recruiting value while lowering costs

Activate   **Park My Car**   **Request Photos**   **Call Security**

Peace of Mind

Through the RAD Light My Way app, employees can request live supervision as they walk to their vehicles.

A single tap connects them to a monitoring officer with full access to RAD devices across the property.

Lights brighten, alerts activate, and two-way audio ensures the user is never alone until they safely reach their destination.

Safer Workplaces

RAD Light My Way provides organizations with an affordable, scalable way to ensure employees feel safe on their commute.

By replacing costly escorts and reducing petty crime in parking areas, RLMW creates safer workplaces while helping companies meet OSHA requirements.

For facilities needing a physical presence, RLMW can pair with ROAMEO for autonomous mobile escort patrols.

Centralized Control

RADSOC - SECURITY OPERATIONS

- Centralizes oversight of all RAD devices in one platform

- Provides live video, two-way audio, and LED messaging control

- Automates responses and escalation through SARA integration

- Delivers incident reporting, audit trails, and complete accountability

RADSOC
(Security Operation Center)

RAD SOC gives authorized users control over their RAD administered devices. With RAD SOC you can perform general SOC functions and control specific devices if you have the proper permissions. Note that most user activities are recorded in a permanent log. If you do not agree with your activities being monitored and recorded do not log in. If you can not login please contact your administrator. Thank you.

Sign in into RADPmC

Trespassing　　**Loitering**　　**Firearm Detection**　　**AI Escalation**

Complete Visibility

RADSOC centralizes every RAD device, and even connected IP cameras via ROSS into a single web-based command center.

Operators can view live video, initiate two-way conversations, and control LED messaging from anywhere.

With RADSOC, you eliminate silos and manage your entire security ecosystem through one unified platform, cutting response times and raising accountability.

Smarter Response

Every incident is tracked and escalated automatically through RADSOC.

Audit trails, incident logs, and reporting ensure compliance while delivering measurable results to stakeholders.

Integrated with SARA, RADSOC transforms data into action, unifying detection, deterrence, and response into a layered workflow that outpaces traditional monitoring centers.

Autonomous Incident Response.

Detection
Immediate threat detection, through AI-driven analytics.

Deterrence
Autonomous audio and visual pushback to deter intruders.

Escalation
SARA Agentic AI automates operator incident response.

Response
Your call list is notified and directed in real-time.

Resolution
A post incident report is automatically generated.

Full Incident Management

Traditional security reacts one step at a time. RAD closes the gap with an autonomous workflow that moves from detection to resolution instantly.

Every incident is verified, escalated, and responded to in real time. RADSOC records every action, delivering accountability and measurable results.

With SARA driving autonomous responses across every device, threats are contained faster, operations stay uninterrupted, and security leaders gain a new level of control.

Proven in Logistics

Discover how leading logistics companies cut costs and strengthen security with RAD.

RAD ROBOTIC ASSISTANCE DEVICES
an AITX company

Robotic Assistance Devices
10800 Galaxie Avenue
Ferndale, MI 48220
877.787.6268
sales@radsecurity.com
radsecurity.com