



Deploying Autonomous Remote Security Services

ABOUT RAD

Robotic Assistance Devices' mission is to deliver industry leading AI-based security and safety solutions that empower organizations to reduce their reliance on human personnel and legacy #proptech and solve their complex security challenges. RAD has forever changed security by creating a fully integrated solution of human guarding, artificial-intelligence driven guarding, with a full complement of electronic security features. This all provided under an affordable monthly subscription contract or capital purchase.

Clients subscribe to the RAD software suite solutions and devices (ROSA™, RIO™, AVA™, ROAMEO™ and RAD Light My Way™), which include all updates and upgrades, and layer on options for integration to onsite, offsite and remote human monitoring and response.

WHY RAD?

RAD's software and hardware solutions solve end user challenges of providing the best suite of facility control and security services at the best value while maximizing the utility of existing and limited human resources.

RAD technology improves the simplicity and economics of patrolling and guard services, and allows experienced personnel to focus more on strategic tasks. Clients can now augment the capabilities of their existing staff, plus gain higher levels of situational awareness, all at drastically reduced costs.



ROBOTIC ASSISTANCE DEVICES



Offices in Michigan, California and Canada. Employees in Texas, Arizona, Georgia, Florida, California. With 85+ employees and rapidly growing to 100+.



All solutions are 100% RAD created and owned.



Over 2.5 million paid operating hours in the field.



Partnered with the largest guarding providers



Multiple security innovation awards.



Virtual security operations center included. Unlimited user licenses. Unique single platform across multiple devices.

RAD Light My Way™ **Placing Safety and Peace of Mind in the Hands of Clients, Tenants and Students**



RAD Light My Way layers the capabilities of an easy to use mobile app on top of a “fleet” of RAD robotic security devices stationed on walkways, in stairwells, and throughout parking lots or structures. Via the app, subscribed users (i.e., employees, students, and tenants) can request live supervision and a virtual escort as they walk to their car. A button on their phone summons the attention of a live, remote security officer who has access to all cameras, two-way communication systems, and other integrated RAD technologies. Lights brighten, customized LED messages scroll across all RAD units, and the user can clearly hear and speak to the officer from anywhere in the protected area. The remotely monitoring officer “stays” with the individual until the pedestrian safely reaches their car or destination.

ROSA™ **Responsive Observation Security Agent**

ROSA is the ultimate autonomous response device and the first and only completely self-contained security and communication device in the market. Providing a 180° field of view from the device so you can see more of your site. Using ROSA’s one-way long-range paging you can communicate with people on your site. ROSA delivers the ultimate security experience via RAD’s in-house developed software suite, including RADSOC and RADSight.



ROAMEO™ **Rugged Observation Assistance Mobile Electronic Officer**

ROAMEO is a mobile security robot that is nearly 7 ft. tall and weighs over 700 lbs. ROAMEO is built to autonomously patrol a property or periphery and survey its surroundings, conducting routine patrols, recording, and reporting back to the central command center. The security robot’s dual 18.5” web-connected touch screens provide customizable information and concierge services for guests that it may encounter while on patrol.

RIO™ **ROSA Independent Observatory**

RIO makes portable security easy, fast, and affordable. Sitting atop RIO is ROSA, the recipient of multiple industry awards and wide acclaim and for its ability to autonomously detect and deter instances of trespassing and other property intrusions without the need for manned guarding assistance. ROSA, now with the RIO Solar Tower will certainly continue its successes in the construction, property management, retail, critical infrastructure industries and more.



AVA™ **Autonomous Verified Access**

AVA is a compact, stanchion mountable unit that provides an edge-to-edge 180° field of vision with advanced access control over gates and other controlled points of entry. AVA provides a comprehensive access control package that is ideal for storage yards, parking structures and lots, corporate campuses; anywhere that increased visibility is needed at a fraction of the cost.

Smart, Autonomous Response, Deployable Just About Anywhere.

At the core of the RAD ecosystem is what's known as an 'autonomous response', the series of programmed and machine-learned responses to events and actions within the device's field of view. Other 'security devices' record video for later retrieval and review, but only after the occurrence of suspicious or unlawful activities. RAD devices can detect and deter unwanted activities like trespassing, loitering and vagrancy which often lead to more serious or costly crimes.

All RAD devices harness the immense power of RAD's AI analytic library to be able to detect when an unusual situation occurs and if it continues. These fully customizable autonomous responses could be an escalation of both audible and visual alerts, including highly visible lighting and blaring alarms. If the detected situation continues, your device may open lines of communication with local or remote monitoring personnel or law enforcement to dispatch additional resources to the scene.



RAD devices autonomously react with customizable responses upon the detection of people, firearms, vehicles, license plates and more.

Does Your Security Camera Do This?

RAD's powerful AI analytics with autonomous responses drive the applications that address today's security, safety and budget challenges.

We call this... "Security-in-a-Box"



Trespassing Detection

Firearm Detection

Loitering Detection

Mobile Periphery Patrols




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RADSoC™, Data at Your Fingertips on Any Platform



real time visibility

easy device customization

metrics

incident data analysis and management

mobile alerts

easily initiate audio 'talk down' through RAD device

customize autonomous response escalation

note: RAD device subscriptions include an unlimited number of user licenses to all software applications

Incident Management - Now Part of RADSoC™



compare to SureView™ and Immix™

integrate with existing cameras

central platform to engage suspects

full multi-step instructions with timed reactions

full suite of metrics

central platform to activate accessories (i.e. lockdown procedures)

autonomous response escalation management

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