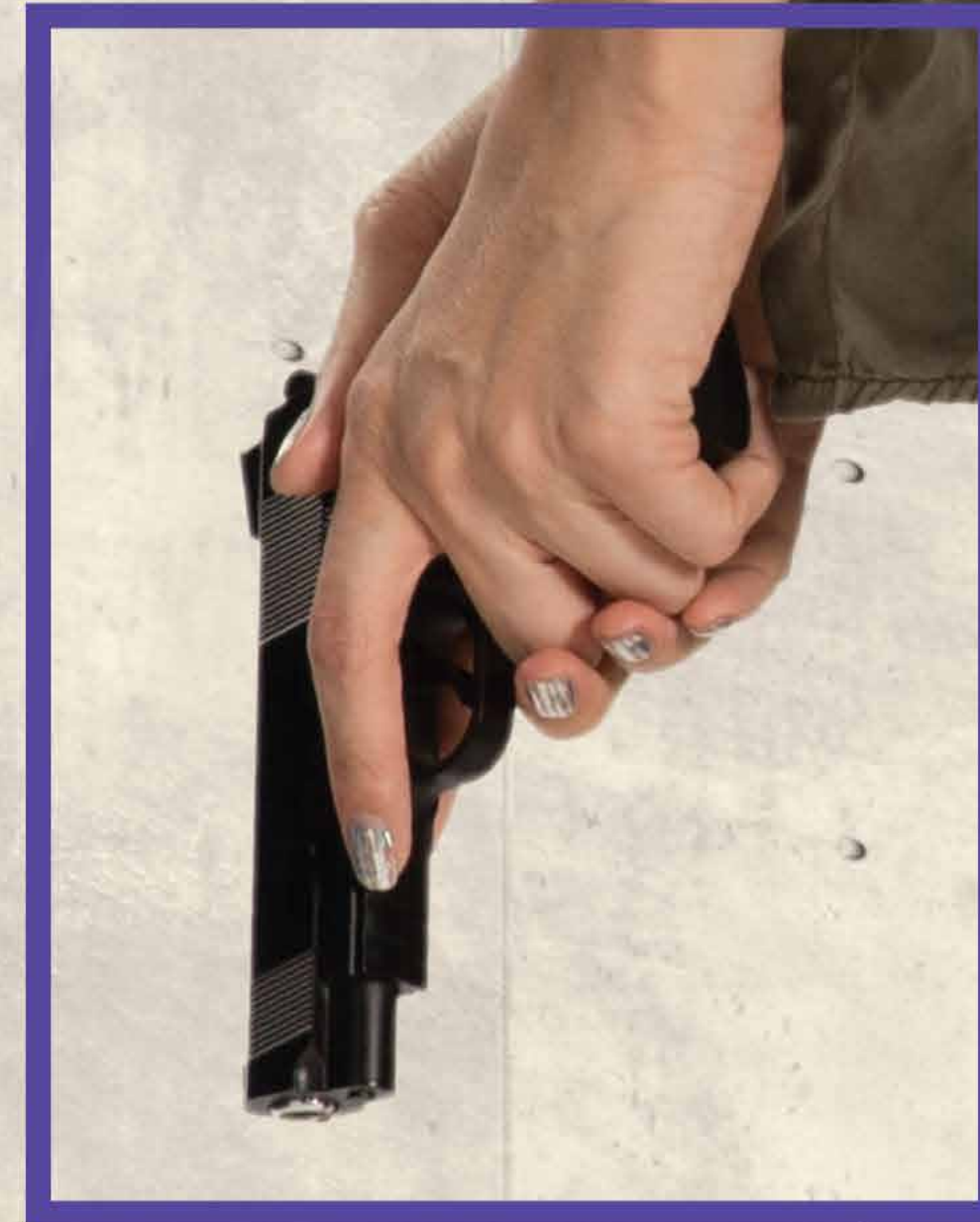




# FIREARM DETECTION

Analytic as Part of RAD's Artificial Intelligence Software Suite.  
Available On Every RAD Security Device.



SmallGun [99.00]

a wholly-owned subsidiary of







an AITX company

## ABOUT RAD AND RAD SOLUTIONS



Rapid deployment, installation included.



All RAD devices are cellular optimized, requiring no IT infrastructure.



Hardware, software & analytics created by RAD.



Over 2 million paid operating hours in the field.



Affordable, subscription basis for all devices.



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



Offices throughout the US. 85+ employees and rapidly growing.



Partnered with the largest guarding providers.



Multiple security innovation awards.



ROSA 3.0

## 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 property.



AVA 3.0

## AVA™

### Autonomous Verified Access

AVA is a compact and 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 takes full advantage of the RAD Software Suite providing an ideal solution for logistics and distribution centers, storage yards, parking structures and lots, corporate campuses; anywhere that increased visibility is needed at a fraction of the cost.



RIO

## RIO™

### ROSA Independent Observatory

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. Stand back and observe as RIO's ROSA lights up, connects and reports that it's "ready for service".



ROAMEO 2.0

## ROAMEO™

### Rugged Observation Assistance Mobile Electronic Officer

ROAMEO is a mobile security robot that is nearly 7 ft. tall and can easily 'see' over most vehicles and people. Designed to autonomously patrol a property or periphery, surveying its surroundings, conducting routine patrols, recording, and reporting back to the security control center. ROAMEO's dual 21.5" web-connected touch screens provide customizable information and concierge services for guests that it may encounter while on patrol.



# Deterrence, Detection and Autonomous Responses that Can Save Minutes and Lives

Every second counts. What if there was more time to react, time to take cover, time to lock down, time to respond, and time to neutralize? Active shooter events unfold at a blistering pace. Taking control of every precious moment between the first detection of a firearm and taking action will mean the difference between life and death.

Firearm detection is now included as part of RAD's advanced artificial intelligence (AI) software suite, running on all RAD autonomous response security robots.

With RAD's firearm detection, your facility or school can respond and react to a potential shooter incident before a shot is fired. Because of RAD's advanced AI-based software and hardware solution, responses and alerts are fully customizable. Alert local security, law enforcement, automatically lock electronic doors, and triggering alarms are all standard responses for RAD devices.

We can give our schools, facilities, students, and citizens those valuable extra seconds or minutes when the RAD security robot autonomously detects, responds and alerts.

## Examples of RAD's Firearm Detection Analytic in Action





## Time to React, Time to Respond

Law enforcement, safety, and security experts agree that reducing response times is critical in executing an effective response to what may be an active shooter incident. With a RAD firearm detection system, you'll shave precious minutes off your response time and safety precautions can go into effect sooner, and law enforcement can respond appropriately with valuable information regarding the firearm suspect, possibly before shots are fired.



Firearm detection autonomous response shown on RAD ROSA 3.0. RAD autonomous responses are fully customizable.

"RAD's firearm detection solution may be that extra advantage the school needs, we all need, if an active shooter event is about to unfold."

- E. Troy McCanna, former FBI Agent, Multi-Jurisdictional Task Force Coordinator/Supervisor, joined RAD in early 2022













**RAD ROSA 3.0 with  
FIREARM DETECTION  
ANALYTIC ACTIVE**



# Firearm Detection that Produces Autonomous Responses

The detection of a firearm still isn't enough to effectively avert an active shooter event. Facilities and schools need the **extra advantage** of an **autonomous response** from the detection device, and RAD has that and more. RAD's entire line of safety and security robots including ROSA™, SCOT™, ROAMEO™, AVA™, Wally™, TOM+™ and soon RIO™ all are enabled with firearm detection AI analytics plus the ability to respond without the need for, and the possible delay in summoning human respondents.

**RAD Devices with FIREARM DETECTION Can Perform the Following Tasks - Autonomously:**

-  **Visual and Audible Alarms at the RAD Device - all custom programmable**
-  **Lock Down Orders to Facility Alarms & Sirens**
-  **Initiate Lock Down Procedures of Electronic Doors and Gates**
-  **Instant FIREARM DETECTED Alerts to Local Law Enforcement and First Responders**
-  **Instant FIREARM DETECTED Alerts to Security Command Center**
-  **Instant SMS Messaging to Authorized Staff**





# Types of Firearms Detected



**'SmallGun'**  
Pistol, Handgun, Revolver



**'LongGun'**  
Rifle, Shotgun

# Detection Range



**up to 250'**  
(in ideal conditions)

**0**  
sec

**CONTINUOUS  
AI OBSERVATION**



**<2**  
sec

**FIREARM  
DETECTION**



**<5**  
sec

**LOCAL AUTONOMOUS  
RESPONSE & ALERTS**



**<5**  
sec

**FIRST RESPONDER  
NOTIFICATIONS**

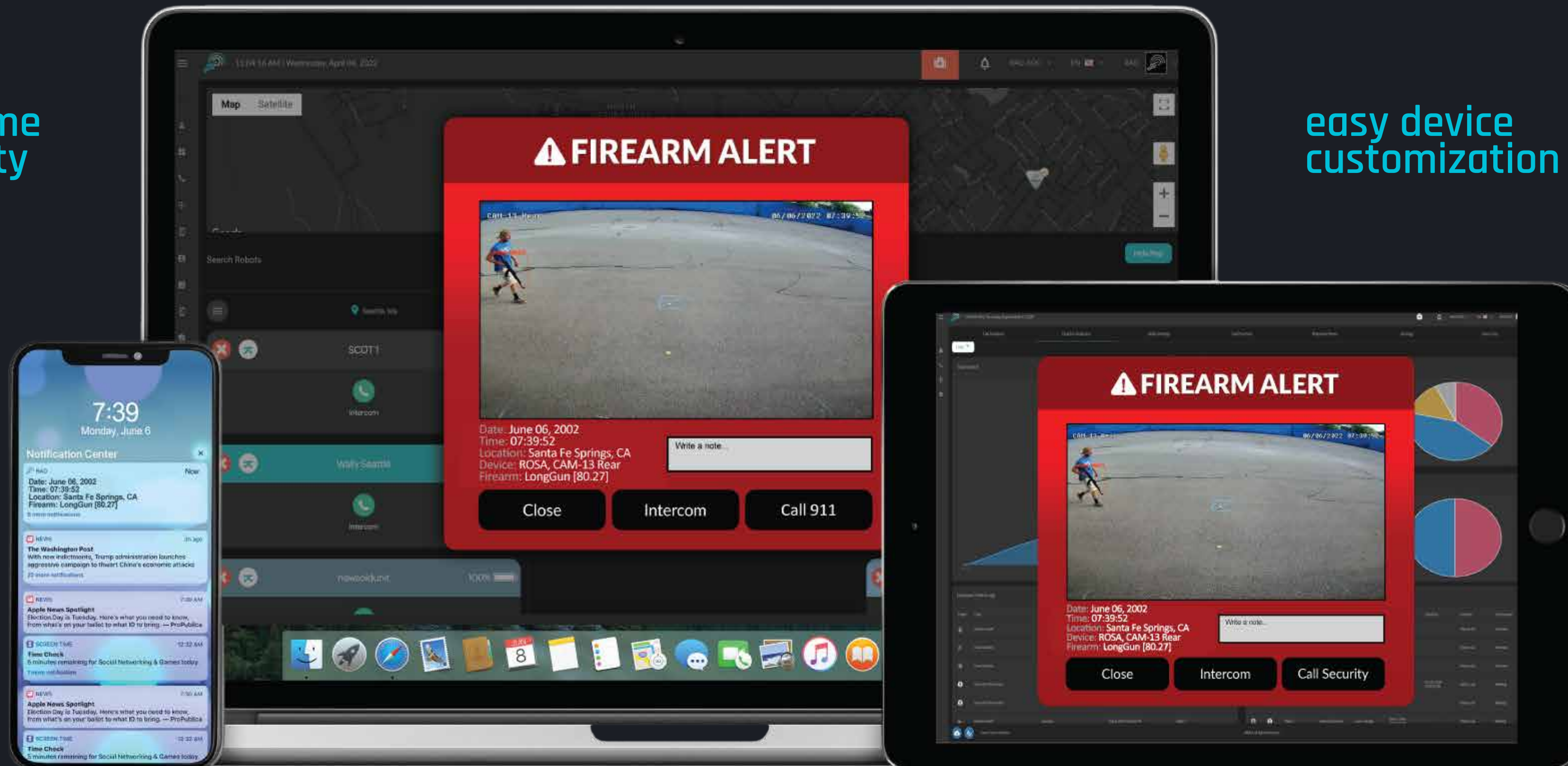




# RADSoC - Firearm Alerts and Other Critical Data at Your Fingertips, on Any Platform

real time  
visibility

easy device  
customization



mobile  
alerts

metrics

incident  
data analysis

easily initiate  
audio 'talk down'  
through RAD device

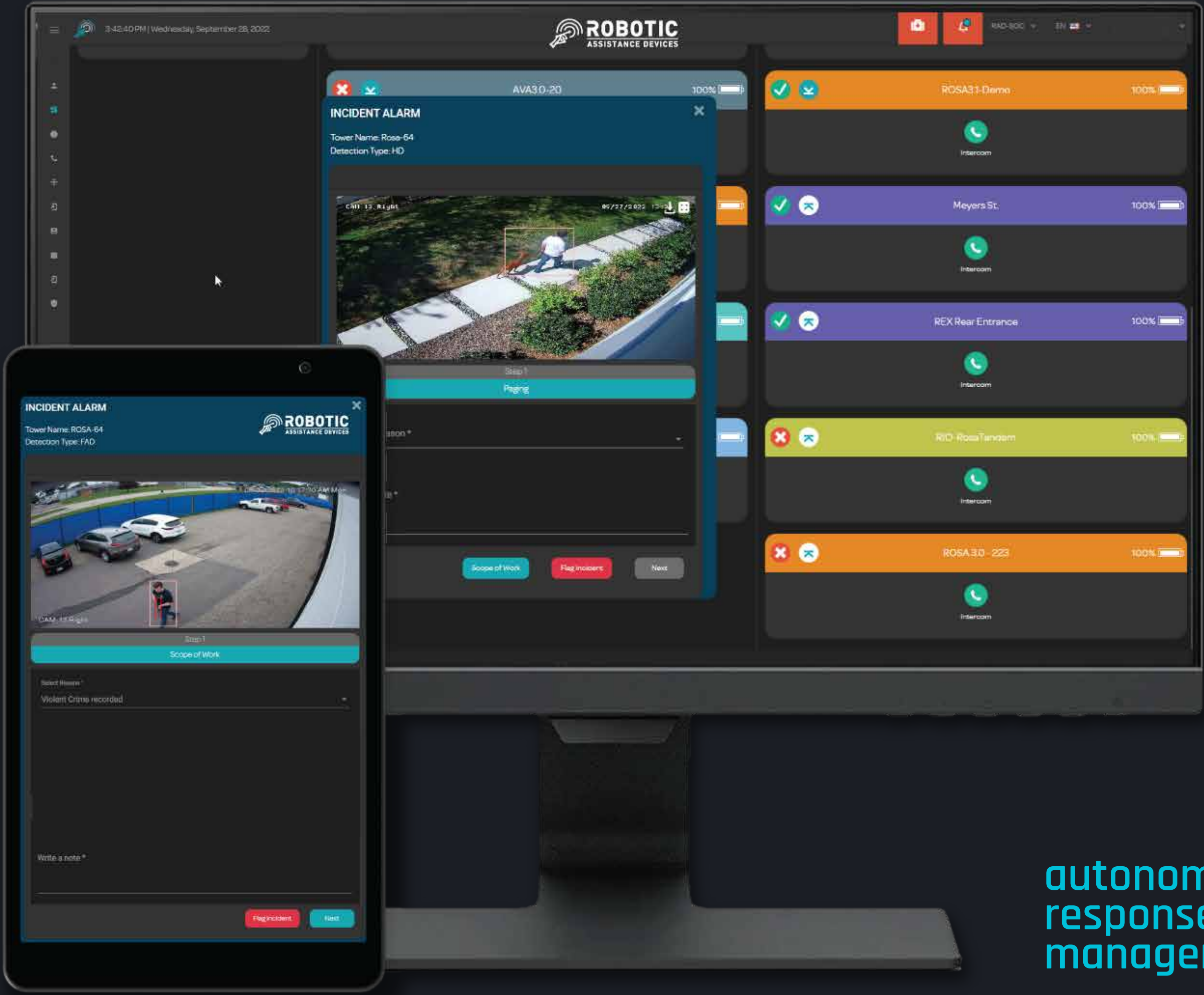
customize  
autonomous  
response escalation

# Incident Management - Now Part of RADSoC

compare to  
SureView™  
and Immix™

full multi-step  
instructions with  
timed reactions

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



integrate with  
existing cameras

central platform to  
engage suspects

full suite of  
metrics

autonomous  
response escalation  
management

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





an AITX company

More security, less expense.  
With RAD it's inevitable.

877-78-ROBOT

[info@radsecurity.com](mailto:info@radsecurity.com) • [www.radsecurity.com](http://www.radsecurity.com)

Details subject to change without notice. Copyright 2023, Robotic Assistance Devices, Inc.



available from



866-703-7666

[www.aus.com](http://www.aus.com)