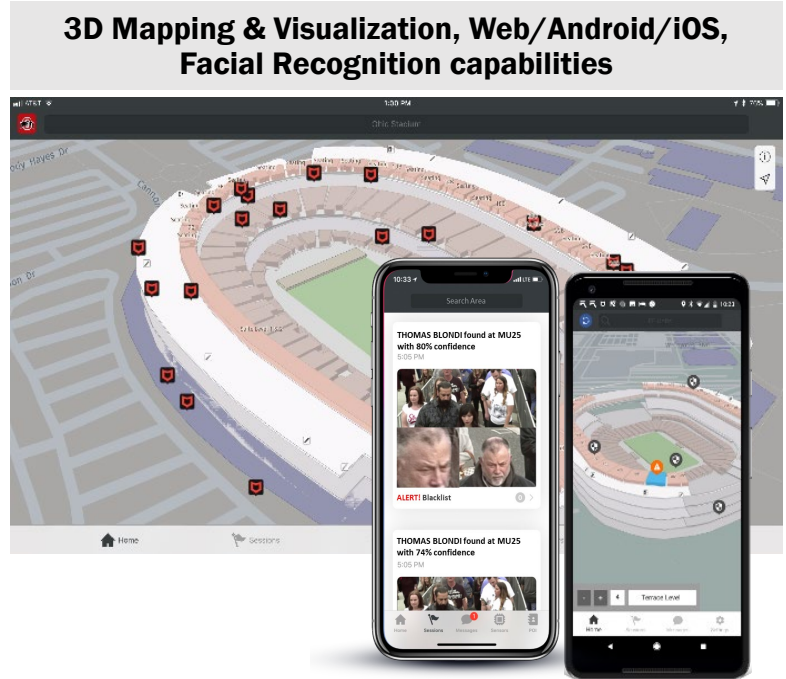# Coolfire Solutions | Ronin Platform

Delivers the Right Data, to the Right Hands, Right Now.

RONIN PLATFORM: CAPABILITY DESCRIPTION

The Ronin Platform delivers real-time situational information, enabling field agents/command to meaningfully assess, share and act upon relevant information, instantly.

- Integrates existing/future security and communications infrastructure.

- True real-time communication & collaboration, GIS mapping, and configurable workflows.

- Support sensor input data to be configured or modified makes it an ideal solution for a variety of daily operations and battlefield-type emergency scenarios.
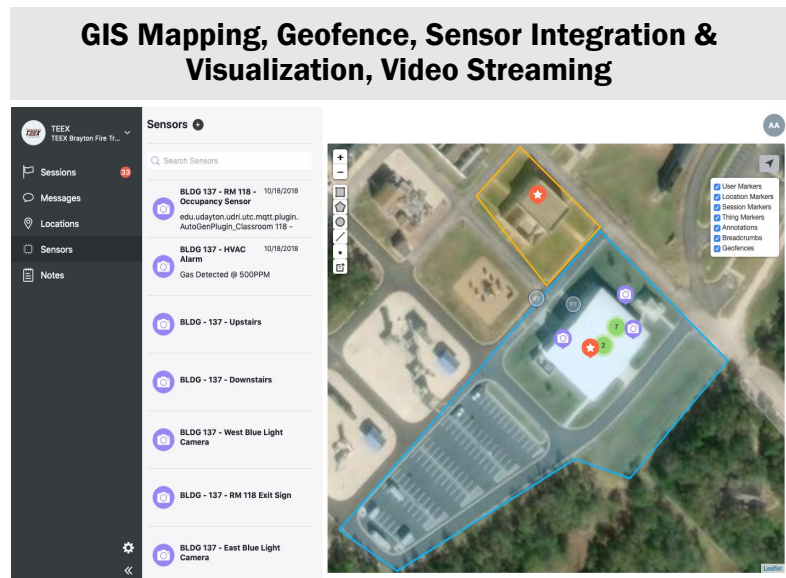

3D Mapping & Visualization, Web/Android/iOS, Facial Recognition capabilities

MISSION-RELATED USE CASES

Ronin connects existing systems, sensors, and people to create a single common operating picture–enabling agents to communicate, coordinate, and react to threats/incidents in real time. A Ronin-connected environment allows responding teams to evaluate environmental conditions and activities as they approach the response area–providing critical "advance eyes" on an emergency. A shared common operational picture allows central command to monitor and/or exert Command, Control & Intelligence (C2I) over an active incident–allowing responding teams to communicate and coordinate a response via mobile devices before, during, and after the threat.

[2012] Military Operations: Introduced to battlefield operations to improve solider situational awareness.

[2016] Enterprise Rent-A-Car: First commercial customer – 25,000 daily active users.

[2017] Border Protection: Afghanistan/Tajikistan border – remote mountain operations, McQ sensor integration – terrorist and drug trafficking interdiction.

GIS Mapping, Geofence, Sensor Integration & Visualization, Video Streaming

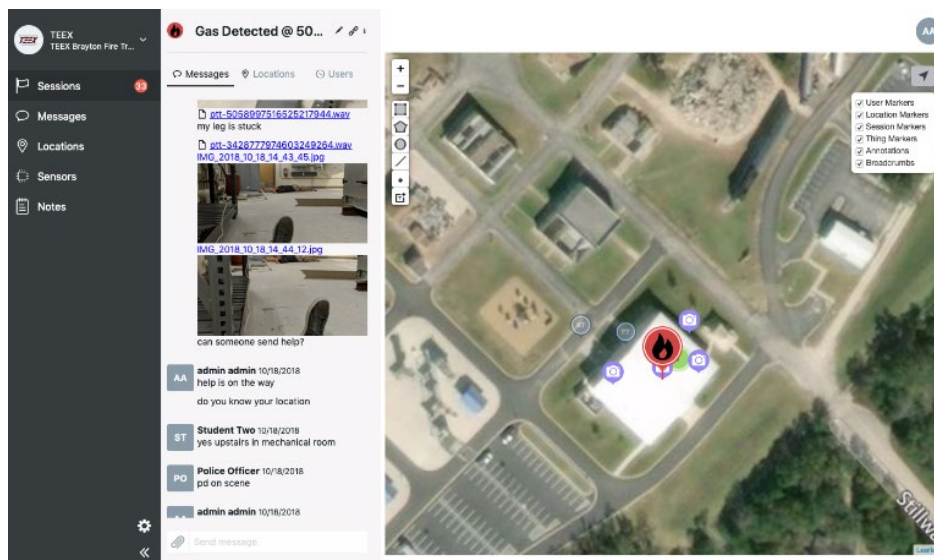SCITI LABS

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[2018] Concert Tour: Ronin deployed to USA tour dates – leveraged POI/facial recognition to identify and locate threats; track and coordinate security personnel for real-time incident response - avg 50,000 fans per venue.

[2018] Central West End private police: Connect officer patrols to city operations, businesses and citizens.

PRODUCT SPECIFICATIONS

Supports Web, Android 6.0+, iOS 10.0+ systems; Cloud or on-premises deployments; Unlimited sensor and data integrations; Sensor and system agnostic; Infinitely scalable to support users; Multi-factor authentication; Encrypted data transmissions; Optional Facial Recognition capabilities; GIS and 3D mapping, turn-by-turn route mapping and traffic; Rest API with custom real-time layer powered by Socket.IO and GraphQL.

SCITI LABS

The SCITI Labs program is a collaboration between the U.S. Department of Homeland Security (DHS) Science and Technology Directorate (S&T) and its industry partners to develop smart technologies for public safety and related missions. The program focuses on adapting commercially viable products to meet mission needs in three areas:

- **Smart Buildings**, including sensors and communications;
- **Unmanned Aerial Systems** for indoor and outdoor search and rescue; and
- **Mobile SmartHubs**, combining communications & sensors to increase situational awareness

Coolfire is one of the SmartHub technology performers for SCITI labs.

DHS S&T Contact: SPTechnologyCenter@hq.dhs.gov

For more information on Coolfire, visit: www.coolfiresolutions.com

SCITI LABS