# RONIN SA

## DELIVERING A COMMON OPERATIONAL PICTURE TO THE TACTICAL EDGE

coolfire

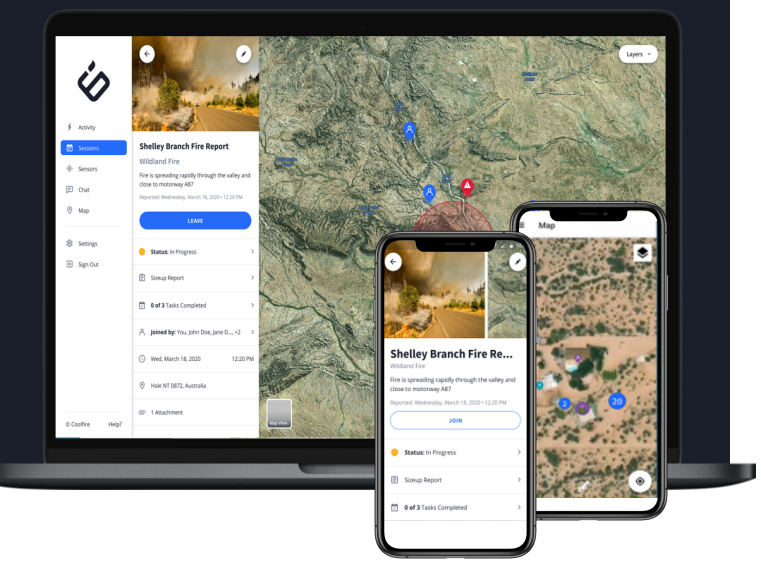
RONIN SA is a software-based Command, Control, and Communications (C3) application that delivers real-time situational (SA) information, enabling commanders and deployed teams to create a Common Operational Picture (COP) to meaningfully assess, share and act upon relevant information–instantly.

The RONIN SA Platform is also an SA software framework, from which a variety of SA applications can be produced. While the server and messaging components remain consistent across solutions, the Android, iOS, and web applications can be very different depending on the solution set and requirements.

The RONIN SA Platform comprises **Coolfire RONIN** designed for tactical level users and **Coolfire Core** for strategic users and operations. Both SA applications support dismounted/mobile Android-based users and Server/Web UI operations. Any given RONIN SA solution is able to aggregate data, workflows, and communications into a 'single pane of glass'.

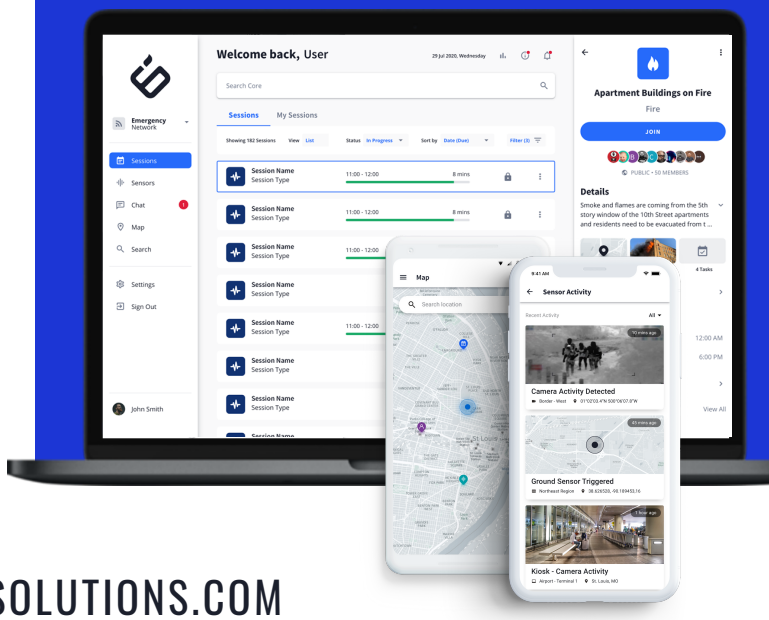
## Coolfire RONIN

A Server-based ("On-Prem") application that connects warfighters to sensors, information systems, and each other while operating at the tactical edge. RONIN places data, location, and status at a user's fingertips to enhance decision-making and allow tactical users to share their situational awareness data with each other to create a common operational picture. It can also interoperate with other SA platforms e.g., Nett Warrior/ATAK, where PLI/CoT information can be shared seamlessly across applications.




## Coolfire Core

A Cloud-based application for use across public and private-secure, strategic networks to create real-time SA and a common operational picture between command levels and headquarters. Coolfire Core supports customization for the end-users' mission and CONOPs using user-defined 'Sessions' for strategic and logistics-type operations.

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# RONIN SA Platform

The RONIN SA Platform connects systems, sensors, and soldiers to create a single common operating picture to enable:

• Ground users and units to communicate, coordinate, and react to threats/incidents in real-time

• Responding units to evaluate environmental conditions and activities as they approach the response area–providing critical “advance eyes” on a mission

• A shared common operational picture that allows central command to monitor and/or exert effective command and control over an active incident

• Responding units to communicate and coordinate a response via mobile devices–before, during, and after the threat

• Interoperability to ATAK and seamless operation through a wide variety of radio systems

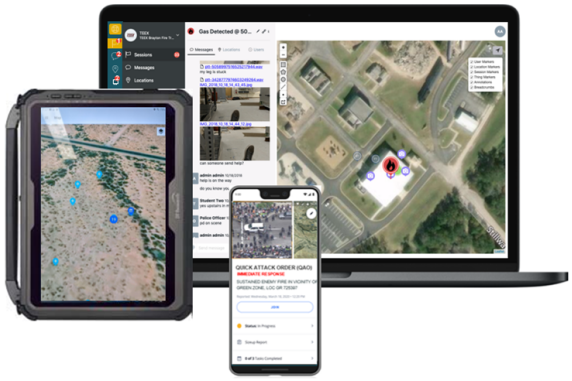
• Full native language support including Spanish, Russian, English, and other languages according to mission need

## COLLABORATION

- Visualize, overlay, and fuse data from several sources to create new insights.
- Shares critical data, location, and telestration through a real-time Common Operating Picture (COP) between commanders and deployed tactical teams.
- Provides a secure and robust communications architecture that can use chat, voice, and other tools.

## VISUALIZATION

- Provides a single, shared common operational picture synthesizing all situational awareness between commanders and deployed tactical teams.
- Puts all data into a geospatial context.
- Streams video and other sensor data



## COMMUNICATION

- Normalizes disparate devices and networks, enabling radio, cellular, and network users to communicate seamlessly.
- Provides a secure and robust communications architecture that can use chat, voice, and other tools.
- Equipped with modules that visualize mapping, integration of external services, communication, and collaboration.

## INTEGRATION

- Integration to legacy systems and technologies to enhance their value by extending them to tactical users and units.
- Extends existing infrastructure and data sources from strategic to tactical levels according to mission needs.
- Integration to Getac MX50 and Samsung S9 Tactical devices supports non-rooting technology to fulfill information Assurance (IA) (NIAP CsfC certified) and data-at-rest requirements.
- Connects third-party assets and technologies seamlessly (e.g., sensors, devices, radios, legacy software, etc.).

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