

Situational Awareness

Coordinate complex missions with a unified operational view

From special operations to coordinated multi-agency responses, Samsung's innovative devices feature highly accurate GPS chipsets to support ATAK's real-time mapping of operational areas and the personnel and assets involved in the mission.

The open and secure Samsung platform and Android OS allow for seamless and secure file sharing and communication of mission data through ATAK using LMRs, satellites, wearables, drones, and more.

Key Features



Open Android platform with a lengthy heritage in the ATAK development community



Highly accurate GPS chipsets outperform competing solutions



Rugged device options provide greater accuracy and performance



Replaceable batteries and expandable memory extend operations



Plugins for wearables to monitor location and sensor data when smartphones are in a pocket or pack

Use cases



Wildland firefighting

Support remote firefighting teams across unforgiving terrain to coordinate a rapid and effective response using Samsung rugged smartphones and tablets with ATAK. Use real-time mapping and sensor data to locate and track personnel, monitor wind and weather conditions, and concentrate firefighting resources where they are needed most. Seamlessly integrate critical information systems, LMRs, and satellites for reliable communications in operating areas where traditional networks are unavailable.



Border protection

Achieve the situational awareness required for modern border protection missions with Samsung Tactical Edition smartphones, tablets, and ATAK. Samsung smartphones feature highly accurate GPS chipsets for real-time location tracking of personnel and vehicles, maintaining constant visibility of agents across distributed operating environments. Securely integrate and share files, sensor and location data, thermal imaging, and drone feeds for a complete operational picture.



Multi-agency large-scale events

Provide flexible and reliable communications to coordinate complex, multi-agency teams for large-scale personal security missions, law enforcement activities, and quick reaction teams responding to security events or natural disasters. Combine ATAK with GPS tracking and sensor data to know the location, status, and role of personnel within the operating environment. Depend on Samsung Knox for seamless, real-time, and secure information sharing based on agency, rank, and mission responsibility.



Special response teams

Leverage the power of the Samsung Tactical Edition portfolio and ATAK for blue force and red force tracking in high-risk, hazardous, and rapidly changing mission environments. Support elite teams with secure and reliable communication using LMRs to coordinate operations in contested environments with multiple unknown threats. Integrate real-time intelligence from multiple mission systems, external sensors, and drone feeds to create a common operational picture for more effective mission execution.

Partners:



Dark Wolf Ventures



goTenna



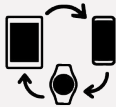
Juggernaut.Case™
PROTECT - MOUNT - CONNECT




A Samsung connected ecosystem enables Situational Awareness under any conditions

Samsung mobile devices provide operators with a precise understanding of their surroundings and allows them to execute mission objectives. Samsung’s open and secure platform and Android OS ensures seamless communication through ATAK. Reach out to a Samsung solution expert to determine the best fit for your agency’s needs.


Build a custom kit to support ATAK and Situational Awareness for your agency




Samsung mobile device




Mesh network antenna or connection



ATAK server





Applications to provide additional information and capabilities



Applicable accessories (cases, mounts, radio systems)

Compatible Samsung devices

Solution	Device Name	SKU
Smartphone	Galaxy S24	SM-S921U
Smartphone	Galaxy S23FE	SM-S711U
Smartphone	Galaxy XCover 6 Pro	SM-G736U1
Smartphone	Galaxy Z Fold5	SM-F946UZKEXAA
Tablet	Galaxy Tab S9FE	SM-X510
Tablet	Galaxy Tab Active 5	SM-X518U
Tablet	Galaxy Tab Active 5	SM-X518U
Wearable	Galaxy Watch 6 Classic	SM-R965U

For complete product information and accessories, visit samsung.com/government_insights.samsung.com
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