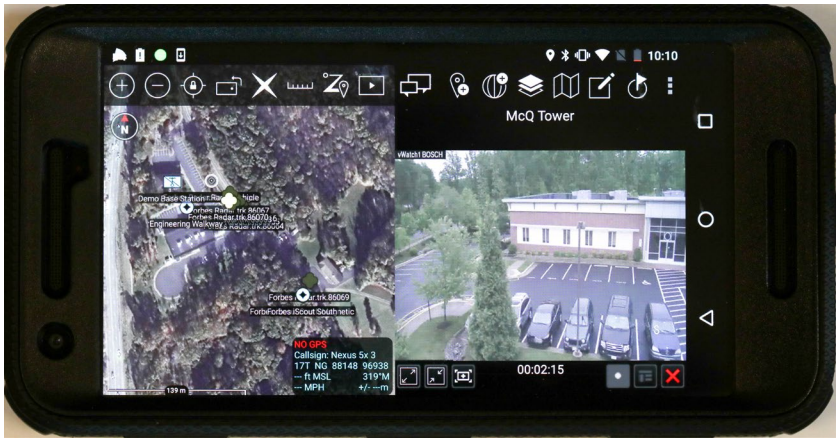
Tough sensors for an insensitive planet

TacSAD Android Mobile (TAM)

Full Function User Interface for McQ Sensor Products

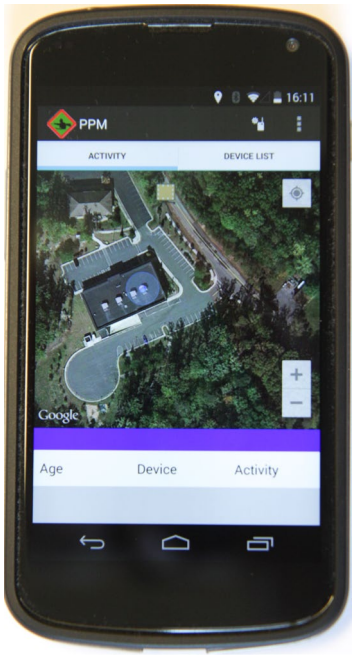
TacSAD ANDROID MOBILE DESIGN

The mobile user interface is designed to provide full sensor system display and control of McQ products. This includes an integrated Google map display with sensor unit icons located on the map, a time rolling log of sensor detections starting with the most recent, a Device Listing with full capability to configure any sensor system component, a Status Display showing battery life and health for every system unit, a real time activity alert feature that tells the user of target detections when the user is displaying an unrelated App, instant display of the sensor location on the map when it detects activity, and a user interface that requires minimal time for users to turn on the unit and become familiar with the



TAM App, ATAK Government App, and McQ Live Video Displays all integrate on Android Devices

- Real Time Map Display of Sensor Activity and rScene® Radar Target Tracks
- Displays McQ OWL Pictures
- Integrated Spread Spectrum Wireless Modem Relay Connection to all System Units
- Provides Full Configuration Control for all McQ Sensor Products
- Implemented on Standard Android Cell Phone and Tablet Platforms. Compatible with Additional User Applications
- Integrated Rechargeable Lithium Polymer Battery Provides Extended Operating Life
- Small, Rugged Handheld Unit Easily Carried and Fits into User Pockets



TacSAD Android Mobile (TAM)

Specifications

Characteristic	Capability
Sensor Activity Display	Target Detection, Audio or Vibration Alarm, Location, rScene® Target Track
Sensor Activity Listing	Time Descending List of all Recent Detection Messages with Target Classification
System Configuration	Configures the Functions of all McQ Sensor Units Including Base Station, Repeater Communications, Algorithms, Status Reporting Intervals
Status Reporting	Battery Voltage, Comms Signal Strength, Health Monitors, Current Mode of Operation
Wireless Radio Modem (WMR)	900 MHz Spread Spectrum, Connection to Sensor System Units
Number of Communications Channels	10
Android Platform	Android V 4.4.4 Operating System or Newer
Power Supply (Lithium Polymer)	AC Charger
Detection Audio Alerts	Ring Tones, Vibration, Ear Phone

TacSAD ANDROID MOBILE (TAM) OPERATIONS

A McQ Android App is installed on an Android cellphone or Tablet platform using the latest Android operating system. This platform has the functionality to provide a small, very high technology, user interface for McQ sensor products. The McQ Android App links to the cell phone functions for display, audio sounds, GPS, Google maps, keyboard functions, external I/O, touch screen actions, CPU processing, and the whole host of user settings for displays and overall user functionality. McQ designed additional capabilities to work with our sensor system units and integrated these into the Android platform. These include a 900 MHz radio modem that connects McQ sensor units to the Android operating system and the user interface App McQ designed that links to the Android functions.

Wireless Mobile Relay (WMR)

- A Wireless Mobile Relay (WMR) Unit connects the Android Platform to the McQ Sensor Network (TNet).
- The WMR has a 900 MHz Modem for communicating with McQ Sensor System Components.
- The WMR has a BlueTooth Modem to communicate with the Android Display Platform Device.
- The WMR can be provided with a USB Cable for connection to the Android Device to replace the BlueTooth Wireless Link
- The WMR operates for two days on three Lithium AA Batteries.

Specifications may change due to product enhancements.
For more information on any of our products or services please visit us on the Web at: www.mcqinc.com

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