iScout®

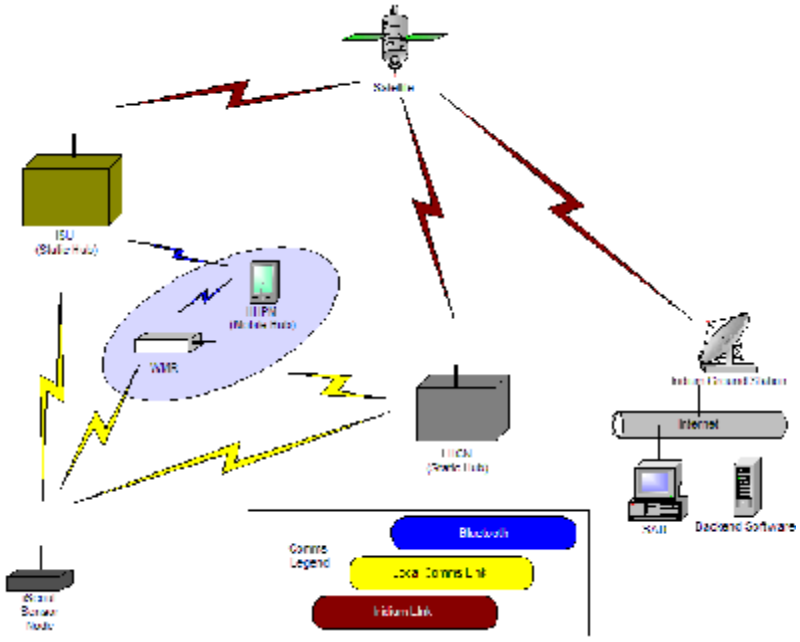
Introducing the Next Scouting Legend


The sensing capabilities of the Indian scout were legendary.

A security sensor that simplifies detection of personnel and vehicles. iScout® is a significant advance for threat detection in buildings, along roads, in parks, around a home or facility, and in remote wilderness areas.

iScout® is connected to a local user handheld display to alert the operator every time a target is detected. Because the iScout® uses network based communications the detection information can also go simultaneously to a central monitoring site. The operator can reconfigure the sensor remotely over this same network link.

iScout® is small and battery operated so it can be easily carried to a monitoring site and set up quickly. The sensors can classify targets as people or vehicles. The iScout® units can trigger Imaging Sensor Units (ISUs) to take day or night time images of detected activity.



Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules.

iScout® Low Cost Remote Sensor

Developed by the Army Research Lab under a Small Business Innovative Research (SBIR) contract with McQ. The iScout® sensor has very advanced capabilities to remotely monitor areas of interest and immediately alert the user when any activity is occurring. The sensor uses state of the art wireless networking to connect the sensor to the user. Sensor information can be sent through satellite communications and via terrestrial networks to servers and distributed Situation Awareness user displays for fusion with other information. The user has real time knowledge to make tactical decisions. iScout® is an important technology to support the following applications.

- Force Protection for Soldiers Deployed in the Field
- IED Site Monitoring and Alerting When Activity Occurs
- Border Monitoring
- Perimeter Security Around Bases and Facilities
- Protection of Infrastructure Assets
- Law Enforcement Surveillance Sites

iScout® units have been delivered to the U.S. Army for deployment into warfighting areas. iScout® is a flexible sensor that can be monitored in the field by the user or over a network to match changing operational needs.

-Built In GPS Receiver
-Spread Spectrum 900 MHz Radio
-Uses McQ's CDIF Data Structure
-10 Day Nominal Operating Life
-Built In Tamper
-Weight: 8 Ounces (With Batteries)

-Built In Geophone, Microphone, Magnetic and PIR Sensors
-Rugged, Waterproof Case
-Advanced Target Detection and Classification Algorithms
-Two AA Batteries (Lithium Preferred)
-Fully Compatible With McQ's OmniSense® Sensors
-Size: 3 ½ x 3 ½ x 1 ¾ Inches

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