Raytheon
BBN Technologies

Warrior-X P Sniper Detection Solution
Comprehensive Protection for Events and Personnel

The Boomerang Warrior-X P Sniper Detection Solution provides the user with advanced shooter detection and localization in a low-profile perimeter defense application. Warrior-X P provides a military-grade solution at municipal prices.

Benefits

- Proven, most accurate gunshot detection capability available
- Fully tested, military-grade system
- Currently protecting critical assets and personnel in the US and Overseas
- Ready for immediate use, no recurring or sustainment costs
- Simple set up <10 minutes
- No additional training required

Performance

- False Alerts: <1%
- Bullet Miss Detection Range: <1m to 25m+
- Response Time: 1 second
- Operational Duration: Indefinite, Power over Ethernet

Features

- Hostile sniper localization in azimuth, range, elevation and 10 digit grid coordinates
- Simple operation and user interface
- Visual display of sensors and shot detection locations

Boomerang Warrior-X P Sniper Detection Solution combines the best performing, most cost-effective low-profile perimeter shooter detection system available worldwide and the most accurate, intuitive Situation Awareness Display System. At less than 20 ounces, the Warrior-X P solution automatically detects hostile small arms fire and accurately localizes the sniper(s) position, allowing for a rapid, informed, and coordinated response. The system operates effectively in all known environments with no false alerts and when installed, combines the ability to quickly and reliably locate the enemy's firing position with the intelligence necessary to minimize threats and avoid human casualties.

Features (cont.)

- Event history/AAR reports
- Lat/Lon or MGRS shooter locations
- Audible and graphical shooter alerts within 1 second of sensor report
- Intuitive graphical user interface for
  –System setup
  –System and sensor status
  –Shot detection and reporting
  –Dynamic load and display of map data
- Multiple mapping tools for report generation, location identification, detection zones, exclusion zones, etc.
- Timeline and shot event history at fingertips
- 90+ days of history

Software

- Operates on Windows 7
- Application developed on Boomerang Situation Awareness System
- Easily configured to send data to third party SA

Size and Weight

- Sensor System Size: 4.3"H x 3.2"W x 1.7"D
- Power/Network Box; 1.6"H x 3.6"W x 4.6"D
- Total System Size: <50in^3
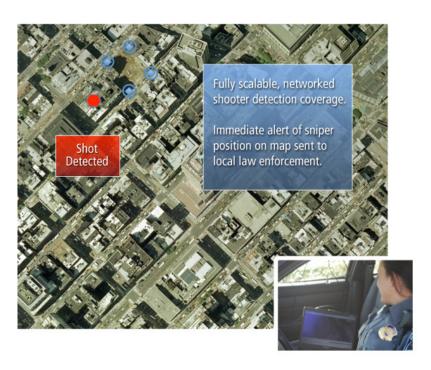- Total System Weight: <20oz
- Laptop

Data Interface

- Data Interface: Ethernet

User Feedback

"The Boomerang Warrior-X System proved to be invaluable during my deployment in Afghanistan."

- N. Francona, USMC

The Boomerang Situation Awareness System instantaneously displays sniper position(s) on a laptop over a digitized map. Sniper locations are stored and replayed upon demand for intelligence or after action reviews. Maps or overhead imagery may be pre-loaded or imported for specific formats. Alternatively, the Warrior-X[P] System can be configured for simple integration into third party applications by sending standard data messages, which provide the necessary information for mapping.

Shot Detected

Fully scalable, networked shooter detection coverage.

Immediate alert of sniper position on map sent to local law enforcement.

As an added benefit, Warrior X[P] has been uniquely designed to be a dual use system, whether configured as a stand-alone dismounted system or for low-profile perimeter defense.

To learn more about Boomerang Warrior-X[P], please call or write:

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