

blueforce

APPLICATION USE CASE

BLUEFORCE TACTICAL FOR BASE DEFENSE

Interoperable Inter-Agency Situational Awareness



Overview

Integrated base defense (IBD) is a complex mashup of people, processes, and technology, yet is often discussed purely in the context of sensor systems such as intrusion detection, CBRNE, ground radars, and surveillance. The real value is in the integration and resultant real-time shared situational awareness of the security posture of a high-value installation and its people. A holistic and highly mobile solution can deliver timely detection and a more rapid response to mitigate verified threats.

Blueforce Tactical (BTAC) software provides a highly secure and mobile communications, collaboration, and machine-to-machine solution. Our plug-in architecture provides maximum adaptation, flexibility, and an unprecedented level of shared situational awareness for base defense and force protection.

Use Cases

- K9 Units and Robotics
- Mounted and Dismounted Units
- Surveillance and Reconnaissance
- Decentralized Command and Control
- Critical Incident Response
- Machine-to-Machine

Solution Details

- Runs on commercial off the shelf Windows smartphones, netbooks, and laptops using terrestrial 3G/4G/LTE, WIFI, or satcom connectivity.
- Provides secure information sharing amongst tactical teams. Share track data, pictures, maps, and more using an NSA certified cryptographic provider (FIPS-140 and Common Criteria EAL Level 2 certified).
- Location based services: shared awareness of latitude, longitude, and wireless network proximity for each user and system.
- Plug-in architecture which allows for person-attached or person-carried sensors to be normalized and made sharable amongst those with a "need to know"
- Machine to Machine (M2M) Support: Normalize and make sharable unattended and/or facilities attached sensors to include (but not limited to) radars, CBRNE, imagery, and environmental.
- Can be leveraged on human, animal, and robotic tactical endpoints.
- Life Safety: Capability for awareness of the health of each endpoint using plug-ins that can interface with biotelemetry (e.g., heart rate, respiration, pulse/ox, etc.) and trajectory sensors.

For more information, please contact:

Blueforce Development Corp.
217 Essex Street, Suite 21
Salem, Massachusetts
01970 USA

Telephone: 866.960.0204
Fax: 866.801.9650

Email: info@blueforcedev.com
Web: www.blueforcedev.com