

blueforce

QUALIFICATION

HOSTAGE RESCUE/QUICK REACTION FORCE

HRT/QRF Actions, Tactical Operations Center, and Situational Awareness



Overview

Blueforce Tactical (BTAC), secure information sharing and sensor normalization software for Smartphones and mobile devices, was tested and evaluated by a federal law enforcement agency. The software was tested for use by critical incident response personnel using a hostage rescue scenario.

A five-man breaching team was deployed to a controlled location on a simulated hostage rescue mission. During this simulation, a group of commanders was situated in a rapidly deployable Tactical Operations Center (TOC) a half mile away. Each breacher was deployed with a chemical/explosive sensor, network breadcrumb, and GPS-enabled smart device running BTAC. One of the members was outfitted with a biotelemetry vest for remote monitoring of heartrate, respiration, and body temperature.

Demonstrated Competencies

- Hastily formed networks
- Exterior location tracking
- In-building location tracking
- Secure information sharing
- CBRNE sensor sharing
- Bio-telemetry/Life Safety monitoring

Qualification Details

- **Rapidly Formed Tactical Network:** Breachers deployed a small breadcrumb to each floor of target building allowing network communications inside of building, but also for bridged satcom exfil to TOC.
- **Tracking and In-Building Location:** BTAC geospatially referenced "Tactical Presence" was shared amongst team members, but also with TOC personnel. Breadcrumbs provided reference point for "in-building" location and tracking.
- **Secure Information Exchange:** TOC Commander used Blueforce Fusion to push floor plans and other mission information. Breachers moved information and images of the "shooter" between each other prior to entering structure.
- **CBRNE/WMD Sensor Sharing:** Each breacher deployed with a person-attached 5-gas explosive and chemical sensor. A BTAC plugin was developed and deployed that allowed all team members and TOC personnel to monitor data from each person-attached sensor.
- **Bio-Telemetry Sensor Sharing:** A bio-telemetry chest belt was deployed and normalized via a BTAC plugin allowing Life Safety personnel to remotely monitor health of each member of breaching team.

For more information, please contact:

Blueforce Development Corp.
217 Essex Street, Suite 22
Salem, Massachusetts
01970 USA

Telephone: 866.960.0204
Fax: 866.801.9650

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