



# PRODUCT DATA SHEET

# BLUEFORCE PATROL

Military grade Blueforce tracking, information sharing, and basic geospatial information capture, synchronized with the team in real-time.

Knowledge of the real-time location of essential personnel and assets can help responders and their command elements develop a Common Operating Picture (COP) and make better informed decisions during an incident or large-scale event. BlueforcePATROL (PATROL) provides shared and secure location information on inter-agency personnel, vehicles, and other assets. PATROL also provides accountability, shared GIS points of interest, secure text, mass broadcast, and information sharing using mobile devices carried by nearly all of us. It's a cost effective solution where only the basics are needed for tracking and information sharing amongst a deployed team.

## Capabilities

- Location services and tracking, securely shared amongst those with a need to know.
- 1:1 text chat, mass broadcast, simple file sharing between devices and with Command.
- PANIC/Duress: Provides PANIC button capability.
- Accountability features to include PAR Check, EVAC, and Rapid Deceleration
- View low latency video streaming assets made sharable by BlueforceEDGE.
- GIS POI: Capture and share points of interest with the team.

## Use Cases

- Generalized Blueforce Tracking
- Special Events
- Mass Casualty Incidents
- Search and Rescue
- Disaster Response/COOP
- Corp Security/Close Protection
- Logistics/Supply Chain



## BlueforcePATROL: Military Grade Tracking and Collaboration

<b>OS</b>	Android 6.0 or higher
<b>CPU</b>	1Ghz or better
<b>MEMORY</b>	60MB for core application and base plugins
<b>STORAGE</b>	Use case dependent; 100MB recommended
<b>DISPLAY</b>	800 x 480 minimum
<b>COMMS</b>	256Kbps or faster TCP/IP connection for basic operation; 1Mbps or faster if leveraging ISR/video feeds.
<b>ACCOUNT</b>	XMPP/Jabber account for WAN and LAN communications. Blueforce is optimized for OpenFire XMPP switch.

### Tactical Presence

Location, network location, device health, and enduser status fused and self-synchronized to provide complete awareness of every endpoint.

### Horizontal Fusion

Move information fast! Text and chat securely while also sharing pictures, map and GIS data, processed sensor, and other mission data.

### Interoperable

BlueforcePATROL is built on the same standards allowing full interoperability with the entire Blueforce product family.

### Location Services

BlueforcePATROL provides a location services API and supports Android device GPS location sharing for self-synchronized tracking.

### FIPS 140-2 Security

Information security at rest and in transit using military grade FIPS 140-2 certified cryptography for authentication and encryption.

### Sustainable and Future Proof

Blueforce builds software for sustainability. Contemporary development practices, one code base, and a support organization to back it up.



To learn more and request a demo visit:  
[www.blueforcedev.com](http://www.blueforcedev.com)

## Product Comparison

FEATURE	BlueforcePATROL	BlueforceTACTICAL
100% Interoperability and Fidelity across Blueforce Clients	●	●
Bi-directional Subscription; QR Code Rapid Subscribe	●	●
Subscribe to BlueforceEDGE Endpoints	●	●
Roster and Moving Map w/Contacts	●	●
Collaborative Map POI	●	●
View Contact Sensor Data	●	●
Secure Chat/Receive Broadcast	●	●
Send/Receive File Transfer	●	●
PANIC/Duress Signaling	●	●
Position/Motion/Heading/Rapid Deceleration	●	●
Receive Hyper Local Notifications	●	●
PAR Check/Roll Call/EVAC	●	●
Streaming Video/Body Worn/Drones/Smart Lamps/UGS	Receive Only	Send/Receive
Share my location	Device GPS Only	Device/External GPS
3rd Party Plugins/API/SDK	✘	●
Multi-Platform: Android, iOS, Linux	✘	●
ESRI Enterprise Support (Webmaps, ESRI Offline Maps)	✘	●
Discovery Services: Find people, sensors & services quickly	✘	●
Send Hyper Local Services and Resources	✘	●
Download/Load/Run Plugins	✘	●
Wearable Support: Physio, AI to the wrist (Garmin, Samsung)	✘	●
Offline Queue	✘	●
BLE Proximity Listener	✘	●
Audio Service: Listen Live/Full Chain	✘	●
Environmental Sensors (i.e., Gas, chem, rad, weather)	✘	●
Battlefield of Internet Things: Range, PPE, Logistics	✘	●
PTT/LMR API and Integration	✘	●
Collaborative GeoJSON Layers	✘	●
Location Services Interface (Subterranean, Dead Reckoning)	✘	●