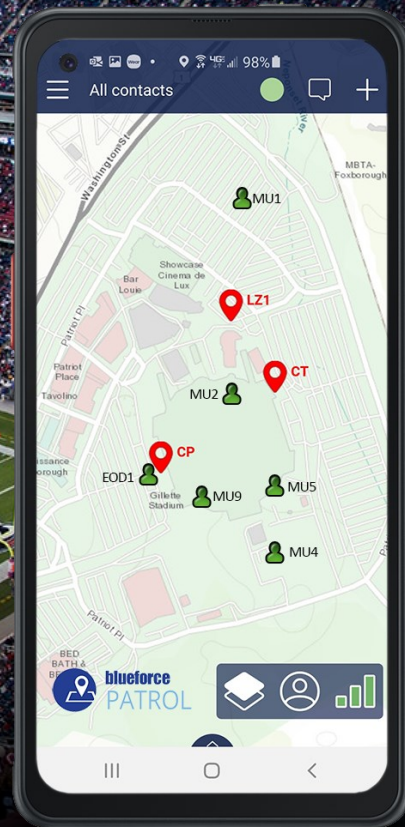# blueforce DEVELOPMENT

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.
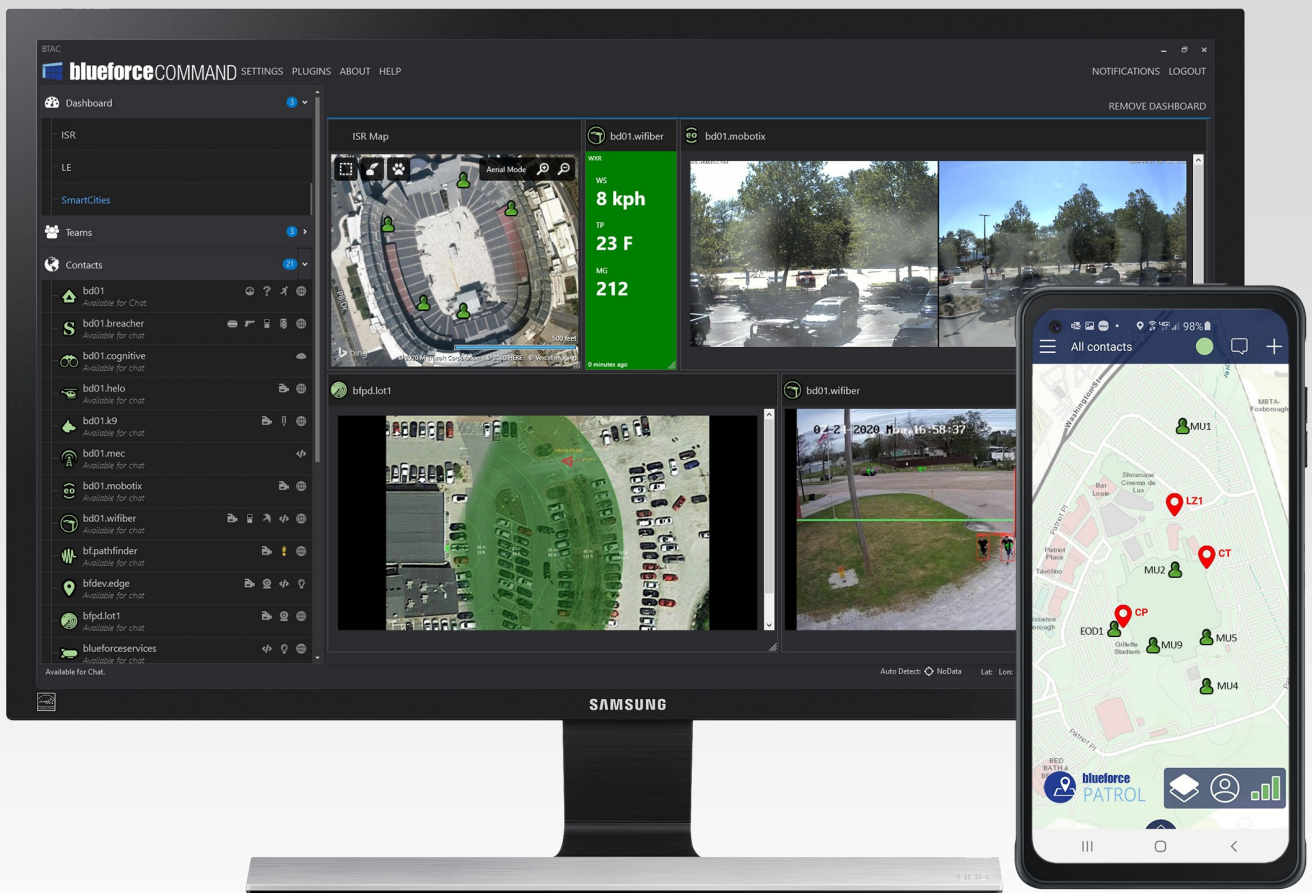
Capabilities

- 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

OS	Android 6.0 or higher
CPU	1Ghz or better
MEMORY	60MB for core application and base plugins
STORAGE	Use case dependent; 100MB recommended
DISPLAY	800 x 480 minimum
COMMS	256Kbps or faster TCP/IP connection for basic operation; 1Mbps or faster if leveraging ISR/video feeds.
ACCOUNT	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.

blueforce
DEVELOPMENT

www.blueforcedev.com