

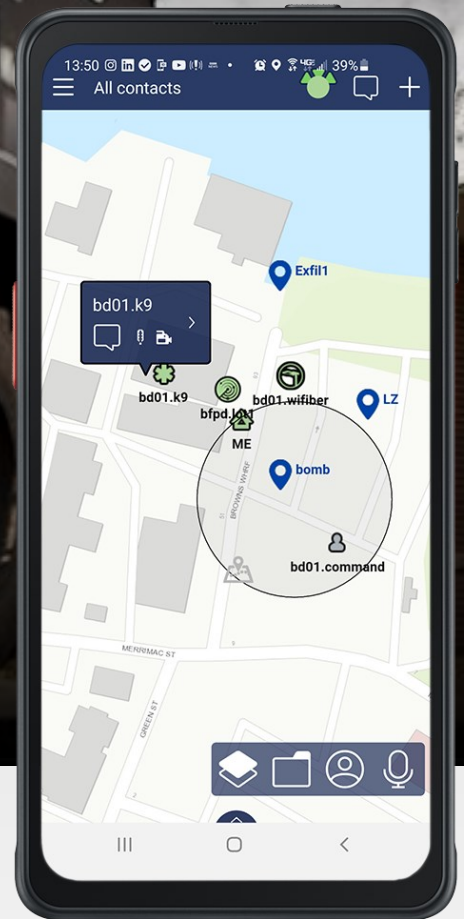
BLUEFORCE FOR LAW ENFORCEMENT K9 OPERATIONS

Manned and unmanned teaming (MUM-T) where every working dog is a shared and extensible sensing platform

Working dogs deliver superior service for national security and public safety missions because they are a highly effective sensing platform. Although canine motility extends human ingress and egress capabilities, limitations of physiology, distance, and communications still pose challenges to scaling their effects. The objective capability is a working animal that can perform as an extensible sensor platform, to include threats the animal may not be trained against. The Blueforce product line is a mature and deployed (US DoD TRL9) product set optimized for Integrated K9 Operations delivering shared awareness of canine location with an ability to fuse K9-attached biotelemetry, multi-gas, radiological, and other environmental sensors, amplifying K9 effectiveness in traditional missions and opening the door to emergent integrated K9 operations across department mission sets.

Deployed operational capabilities include (but not limited to)...

- Real-time location and historical tracking to include support for subterranean
- Multi-gas detection, field swappable sensors (MSA)
- Health and Physiological Monitoring of K9/MWD
- Gamma Radiological Detection, real-time & sampled
- Physical disposition, motion, and direction of travel with rapid deceleration
- Live audio and streaming imagery, full chain of custody
- Low latency, low light infrared video streaming
- Drone cueing with support for manned and unmanned teaming (MUM-T)
- Single pane of glass C2 using BlueforceCOMMAND





Shared Ground Truth Intelligence for Time-Constrained Decision Environments

OS	Android 8.0 or higher; iOS 11.0 or higher
CPU	1Ghz or better, 2-4 core; iOS 64-bit 1.3GHz dual core Apple Cyclone
MEMORY	250-350MB for core appli- cation and base plugins
STORAGE	Use case dependent; 300MB recommended
DISPLAY	800 x 480 minimum
COMMS	256Kbps or faster TCP/IP connection for basic oper- ation; 1Mbps or faster if leveraging ISR/video.
ACCOUNT	XMPP/Jabber account for WAN and LAN communi- cations. Blueforce is opti- mized for OpenFire XMPP switch.

Tactical Presence

Geo-location, network location, de-vice health, and enduser status fused and self-synchronized to pro-vide complete endpoint awareness.

Horizontal Fusion

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

Rapid Adaptation

BlueforceTACTICAL provides a fu-ture proof plugin platform for new sensors, information services, AI, and bi-directional data streams.

Location Services

BTAC provides a location API and supports native GPS location sharing for outdoor use and inertial naviga-tion sensors for subterranean use.

FIPS 140-2 Security

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

Sustainable and Future Proof

Blueforce builds software for sus-tainability. Contemporary develop-ment practices, one code base, and a support organization to back it up.



To learn more and request a demo visit:
www.blueforcedev.com