



BLUEFORCE PUBLIC SAFETY SOLUTIONS **DE-ESCALATION KIT**

BlueforceTACTICAL for Throw Phones: Enhanced Ground Truth Intelligence

Today's Special Response Teams must be just as capable of peacefully diminishing or diffusing a threat as they are to forcefully eliminating it. It's the age old challenge of situational de-escalation vs escalation of force. Core to situational de-escalation are technologies that provide intelligence when the negotiator isn't on the phone with the suspect. While drones and robots are important tools, next generation "throw phones" used by hostage negotiators enable communications with suspects, and can now provide raw intelligence as to what is going on, and can provide better awareness of the environment as well as the "temperature" of the situation in real-time. BlueforceTACTICAL, combined with Mobile Device Management tools, turn a ruggedized smartphone into a next generation Throw Phone by cutting the cord, capturing incident intelligence through a wide array of sensors in the smartphone itself, and making audio, position, proximity, and imagery available to the entire team in real-time, minimizing "surprises" while affecting a more informed de-escalation.

Operational capabilities include...

- Device GPS, and cellular tower proximity reporting
- Physical disposition, motion, and direction of motion
- Live streaming full chain of custody audio
- Bluetooth Low Energy proximity monitoring (suspect and team)
- Camera auto-fire that sends snapshots of surroundings
- Shared awareness amongst entire team
- Enterprise-ready with support for permissions, access control, and device lockdown
- Centralized or distributed monitoring with intelligent workflows for notification of emergencies



BlueforceTACTICAL plus BlueforceMOBILE Command Post: 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 | 350MB for core applica- tion and base plugins |
| STORAGE | Use case dependent; 300MB recommended |
| DISPLAY | 800 x 480 minimum |
| COMMS | 256Kbps or faster TCP/ IP connection for basic operation; 1Mbps or fast- er if leveraging ISR/ video feeds. |
| ACCOUNT | XMPP/Jabber account for WAN and LAN communi- cations. 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.

Rapid Adaptation

BlueforceTACTICAL provides a future proof plugin platform for sharing of sensors, information services, and bi-directional data streams.

Location Services

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

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.