

BTAC[™]

BY BLUEFORCE DEVELOPMENT



PRODUCT OVERVIEW

BTAC ([BlueforceTACTICAL](#)) is an extensible situational awareness mobile application that enables the rapid formation of mobile teams and fuses sensor data of attached or proximate sensors to provide real-time location and sensor sharing... providing teams the information they need in the palm of their hands. BTAC obliterates traditional IoT and AI information stovepipes by fusing real-time human and sensor data across multiple incident modalities, collapsing the distance from sensor-to-decision maker-to-responder, and accelerating recognitional support by widening the decision-makers aperture to greater numbers and types of sensor inputs. BTAC is secure, field-proven, and enables operators to extend their capabilities, share information horizontally, and swarm faster than their adversaries by communicating with devices that they carry and those installed at fixed locations, mounted on manned and unmanned systems, or worn on the body.

FEATURES AND BENEFITS

- Fusion and coordination between body worn and/or proximate sensors, like the Wilcox RAPTOR S, FUSION SYSTEM, HYBRID PATRIOT 5510 and others.
- Tracking and shared location services: Real-time LAT, LON, and/or MGRS with plugins for subterranean, external, and/ or GPS denied/dead reckoning trackers.
- Rapid and secure formation of people, sensors, and AI services via simple email-like addresses or QR code scans.
- Online/offline moving maps with full support for the capture and/or consumption of geospatial/targeting information
- Secure 1:1/mass broadcast text; Push-to-Talk (can also support LMR bridging); and native "Android as a bodycam" with ultra low latency streaming.
- Future-proof extensibility and rapid adaptation through off-the-shelf software plugins or leverage of the Blueforce API/SDK (Android and Windows) for new best-in-class sensors or systems. 275+ commercially available sensors supported today.

Approved for Public Release by DOD



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BTAC™
 with FUSION Plugin

PREDICTIVE MAINTENANCE

Wilcox weapons system data can be shared in real time with Wilcox Armorer's Module, a pluggable module for BlueforceCOMMAND, and the authoritative application for service and predictive maintenance.

AUTONOMOUS REPLENISHMENT

Because BTAC and the Wilcox Plugin for BTAC are constantly monitoring weapons systems across a team, autonomous delivery platforms can be cued for just-in time field replenishment.

FORCE READINESS

The Wilcox Armorers Module not only drives supply chain value, but can also provide awareness of force readiness and can display weapon location and status.

TACTICAL AWARENESS

Real-time shared awareness of oxygen and PPE operating modes, environmental data, maintenance counters, barrel temperature, and maintenance status of Wilcox devices shared in real-time amongst the team and command.

CURRENTLY AVAILABLE WITH THE FOLLOWING PRODUCTS


FUSION SYSTEM™

HYBRID PATRIOT 5510™

RAPSTAR S™

BOSS X™

MRF X™

ABOUT BLUEFORCE DEVELOPMENT

Blueforce is a mobile Edge IoT platform that enables faster and more informed decisions... by transforming edge-based data from people, sensors, and systems into actionable intelligence... this enables shared situational awareness, increases operational efficiencies, and improves outcomes. **Learn more at www.blueforcedev.com**



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