



## APPLICATION USE CASE

## ENERGY INFRASTRUCTURE SECURITY

Surveillance, Quick Reaction, and Mitigation



### Overview

Stable energy supplies delivered to homes, businesses, and fueling stations across the country are essential to a robust U.S. economy and our national security. Terrorist threats, cyber attacks, and natural disasters have the potential to directly impact the reliability and security of our energy systems. The decentralized aspects of the energy equation can't be ignored and require mobility solutions: transmission lines span more than 200,000 miles, and U.S. oil pipelines could circle the equator eight times.

Blueforce Tactical (BTAC) mobile software extends enterprise information and enables tactical units to prevent, prepare for, and respond to threats, hazards, and supply disruptions. BTAC enables tactical collaboration and situational awareness amongst a distributed mobile workforce and provides true machine-to-machine connectivity for far flung locations where traditional landline infrastructure may not be an option.

### Competencies

- Advanced situational awareness
- Rapidly formed tactical decision support networks
- Machine-to-Machine sensor integration, normalization, and interoperability.

### Application Use Case Details

- **Contingency Decision Support Tool:** BTAC provides tactical collaboration for rapid assessment and mitigation during and after disruptive events.
- **Common Operational Picture:** Full awareness of Last Tactical Mile constituents through a fused view of physical and human assets using Smartphones and commercial wireless networks.
- **Integrated SmartGrid Information Sharing:** BTAC enables extended and shared access to information from centralized locations to the mobile workforce.
- **Workforce Security:** Life Safety and situational awareness for security and maintenance workforce who operate in remote areas.
- **Mobile Surveillance Sensor Sharing:** Normalization and secure shared access of fixed and/or rapidly deployable video surveillance, CBRNE, infrared, thermal, seismic, and other unattended ground sensing solutions.
- **Wireless ISRR:** Wireless intelligence, surveillance, reconnaissance, and response for far flung locations.
- **Machine-to-Machine:** Leverage wireless devices for the BTAC-enabled fusion of security and environmental sensing in last tactical mile locations and facilities.

*For more information, please contact:*

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