



APPLICATION USE CASE

CRITICAL INFRASTRUCTURE PROTECTION

Surveillance, Quick Reaction, and Mitigation



Overview

"Critical infrastructure" is defined as systems and assets that if incapacitated or destroyed, would have a debilitating impact on security, economic stability, health, and public safety. From energy systems that power our neighborhoods, to transportation networks that move us and goods around our communities and the country, critical infrastructure impacts nearly every aspect of our daily lives.

Blueforce provides technology that enables communications, collaboration, and sensor sharing amongst critical infrastructure security teams and management working to prevent and mitigate threats to the national infrastructure. Our (COTS) mobile solution delivers situational awareness, command and control, intelligent surveillance, and decision support using NIMS and US Government information and security standards.

Competencies

- Command post communications and situational awareness
- Rapidly formed tactical decision support networks
- Sensor integration, normalization, and interoperability
- Adaptive Common Operational Picture

Application Use Case Details

- Common Operational Picture: Development of a dynamic "Mission Dashboard" using Commercial Off The Shelf (COTS) technology for Command Post fused view of physical and human assets
- Rapidly Formed Networks in Denied Areas: Demonstrated highly mobile and rapidly deployable voice, video, data, and radio networks independent of local infrastructure
- Mobile Surveillance Sensor Sharing: Normalization and secure shared access to permanent and rapidly deployable video surveillance, CBRNE, infrared, thermal, seismic, and other sensing devices
- Sensor/UAV Image Collection and Sharing
- Situational Information Exchange: Movement of pictures, floor plans, and mission data amongst tactical team members, but also with centralized HQ, inter-agency, and command post functions
- Real-time Biotelemetry Monitoring: Life safety awareness provided by any number of person-worn biotelemetry sensors to include heart rate, body temperature, pulse ox, ECG, and respiration

For more information, please contact:

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