

# blueforce

## QUALIFICATION

### CORRECTIONS SPECIAL OPERATIONS

Mock Prison Riot, Pennsylvania State Police



#### Overview

Blueforce Tactical (BTAC) mobile and Blueforce Fusion command and control software were leveraged by the Pennsylvania Department of Corrections at the Mock Prison Riot (MPR), a U.S. Department of Justice exercise. MPR is the only venue of its kind where law enforcement, military, and corrections practitioners can touch, see, and actually deploy technologies such as Blueforce under real-world conditions, utilizing the grounds of the decommissioned West Virginia Penitentiary in Moundsville, West Virginia.

The Pennsylvania Department of Corrections and a Pennsylvania DART Special Operations team used Blueforce in a cell block takeover scenario to test Blueforce Tactical's interior location services, just-in-time tactical team formation, life safety reporting, information sharing, and unmanned and person-attached sensor normalization.

#### Competencies

- Hastily formed tactical information sharing networks
- Command Post communications and situational awareness
- Life Safety and CBRNE sensor normalization and sharing
- Field deployment

#### Qualification Details

- **Mesh Networking:** Demonstrated rapidly deployable mesh network using 802.11 breadcrumb devices using wireless broadband exfil. Network covered entire cell block and provided primary data transport for BTAC and Fusion nodes.
- **Interior Tracking:** Demonstrated in-building tracking of deployed DART SWAT team using WIFI beacons and mesh nodes.
- **Real-time Biotelemetry Monitoring:** Life safety awareness provided by operator wearing a "LifeVest" heart rate, body temperature, and respiration monitor.
- **CBRNE Sensor:** Normalized and made sharable a "man-attached" 5-gas chemical and environmental monitoring sensor.
- **Surveillance Sensor Sharing:** Provided normalization and shared access to permanent and rapidly deployable video surveillance, infrared, and motion sensing devices.
- **Tactical Information Exchange:** Movement of pictures, floor plans, and mission data amongst tactical team members, but also with centralized HQ and Command Post functions.

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