

blueforce

APPLICATION USE CASE

BLUEFORCE FOR ALL-HAZARDS TRAINING

Shared Awareness of Physical and Cognitive Performance



Overview

Professional sports teams have long known that a combination of physical and psychological training delivers superior human performance on the playing field. There is a natural comparison between athletes and those involved in our national security: both must perform physically and cognitively well while experiencing elevated stress levels. There is a body of evidence that shows that a systematic integration of physical, psychological, and tactical training positively affects performance for law enforcement, first responders, and our warfighters especially in dynamic, use-of-force situations.

Blueforce Tactical is a superior tool for all-hazards training and provides secure movement of trainee physiological data, location-based data, and tactical collaboration for use in real-time and after-action monitoring and trending of training stimuli.

Benefits

- Real-time Performance Monitoring
- Persisted After-Action Access to Physiological Performance Trending
- Health and Wellness Personnel Management
- Mobile Access to Training Cameras
- Rapid Identification of Adverse Reactions to Given Scenario Stimuli

Application Use Case Details

- Common Operational Picture: When combined with BTAC Command Post for Windows, have full real-time and after action acuity of trainee biometrics.
- Rapidly Formed Networks for Tactical Collaboration: Allows for the rapid formation and adaptation of training teams under various training scenarios.
- Location-based Services: BTAC supports and communicates exterior location, but can also leverage interior "beacons" to transmit location inside of structures or tunnels.
- Mobile Sensor Sharing: Normalization and secure shared access of a variety of body worn or hand-carried sensors to include CBRNE, gyroscope, and other sensing devices, Machine-to-Machine, or shared amongst human endpoints.
- Situational Information Exchange: Movement of pictures, floor plans, and mission training 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 (but not limited to) heart rate, body temperature, pulse ox, ECG, and respiration.

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