



Blueforce Solutions for Remote Medical Monitoring

Remote Medical Sensor Fusion, Securely Shared, Enabling Distributed Monitoring and Minimizing Physical Contact

Remote medical monitoring allows health providers and data scientists to monitor disease and symptom progression remotely and engage with patients virtually. Blueforce's connected monitoring technology is uniquely qualified for disease monitoring and progression during a pandemic such as COVID-19 as it allows first responders, field medics and others to remotely monitor symptom progression using digitally connected, non-invasive devices from an array of commercial off the shelf sensor products. Our products are extensible through the use of software plugins and have been used to normalize a wide range of physiological markers to include: heart rate, respiration, calculated body temperature, blood oxy-genation, internal core body temperature (via implants), galvanic skin response, ECG, and more. Running on Zebra rugged mobile devices helps ensure data is communicated quickly and securely to authorized users.



Operational Capabilities Include...

- Extensible, multi-platform IoT fusion engine
- Fuses 1:N number of body worn & proximate sensors
- HIPAA compliant per crypto, PII, and unique IDs
- Fuses location, signal, and position and motion
- Catalog of off-the-shelf physiological sensor plugins
- Interoperable with ERP, databases, and cloud IoT solutions
- 1:1 chat messaging and mass broadcast messaging
- Built for the field; interoperable for multi-agency use
- Mature, enterprise ready solution with enterprise controls





Speed of Swarm

Sensor Sharing

Extensible, Plug-in Platform

Secure

Edge-Based Processing

Data Flow

blueforce
DEVELOPMENT

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