The FireHUD **BioTrac Platform** is a passive system that monitors and collects physiological data for group members via a device worn on the arm, under PPE gear. This creates actionable data for authorized personnel in **real-time** as well as **post-incident** analysis through FireHUD’s web interface.

**System Overview**

**Measures:**
- Heart Rate
- Est. Core Temp
- Exertion (PSI)
- Calories Burned
- Distance Traveled

**Device Specifications:**
- 40mm x 40mm x 19mm
- 30 gram device weight
- 2 - 4 day battery life depending on use
- Ultra-durable build
- Deep in-building radio penetration

Web interface + real-time alerting

Innovative radio gateway