HsPro

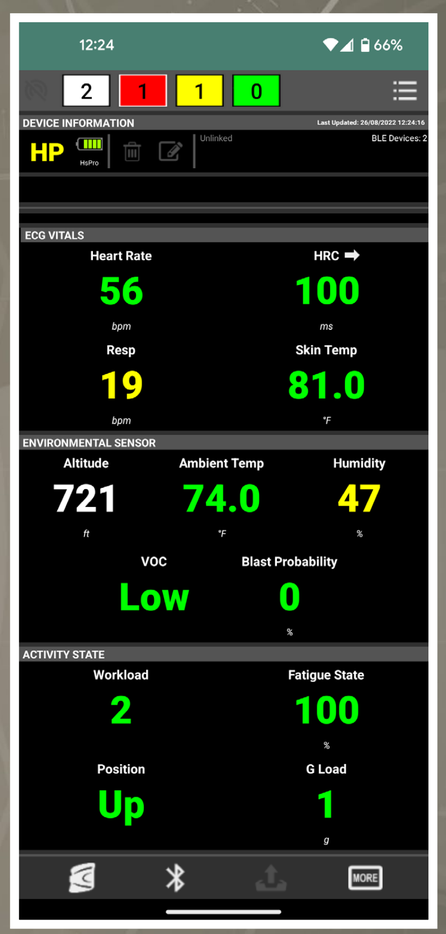
CONTRACT #W81XWH-21-9-0020
PRODUCED IN PARTNERSHIP WITH:

MTEC
Medical Technology
Enterprise Consortium

Athena GTX, Inc. is proud to present the HsPro® System. It consists of multiple wirelessly-connected products that monitor both physiological status and environmental parameters.

REVIEW PHYSIOLOGIC PARAMETERS ON A SMARTWATCH

ARMBAND KEEPS THE ARM UNIT SAFELY IN PLACE



VIEW TRANSMITTED DATA WIRELESSLY IN OUR ADMS SOFTWARE

CURRENT PROGRAM ENJOYED HEAVY TECH LEVERAGE FROM THESE PREVIOUS USN SPONSORS

HsPro

Multi-parameter physiological status monitor for SpO2 and pulse rate via integrated Pulse-Ox sensors. Heart rate from electrodes and skin temperature are available with applicable Bluetooth accessories.

EchoXT

Multi-parameter physiological status monitor for heart rate and skin surface temperature.

Anteros

Multi-parameter environmental monitor.

ADMS

All data is transmitted wirelessly from the HsPro devices to an HsPro viewer on a PC, Android or iOS device. Stored data may be downloaded, converted, and saved via ADMS PC software application.

GOALS

- Upgrade HsPro system design for production-readiness.
- Productionized and Validated prototype system for manufacturability.
- Delivered manufactured prototype systems that provide tactical air crew an early warning system for mitigating PE.

MILESTONES

COMPLETED

- Finished Hardware RDT&E and Update Physical Design
- Human Factors Feedback Results and Analysis Including Smartwatch Apps
- Streamlined Software & Firmware for Production-Readiness
- Completed Testing to Civilian and Military Standards
- Transitioned System From R&D to Production
- Prepared, Assembled, and Shipped LRIP
- Delivered Production-Ready Prototype System
- Added and Underwater (diver) Variant RiskReduction Effort
- Added a “Hub” Concept for Integration of Other BLE Devices

ATHENAGTX

Athena GTX produces wireless, mobile, patient-worn, multiple casualty monitors to assist in point of injury triage and treatment decisions. We serve military and civilian markets related to medical state and smart monitors for first responders. Our devices allow personnel to connect with patient data remotely extending monitoring capabilities further into the field.