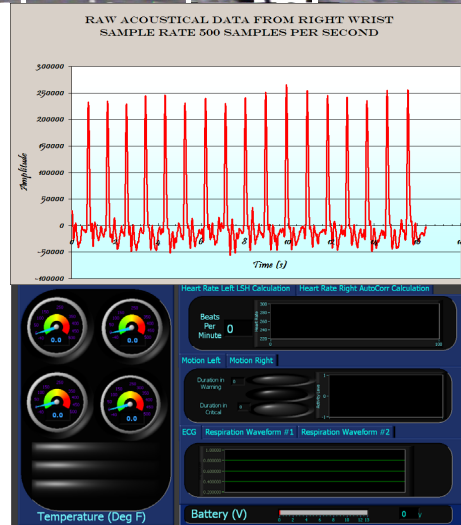




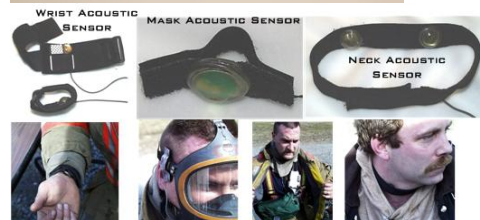
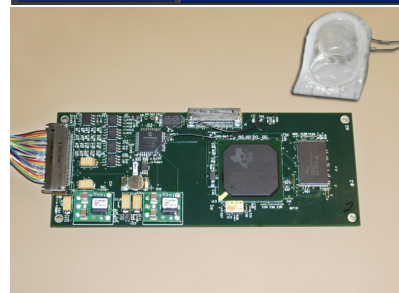
Physiological Monitoring in Extreme Environments

- R&D project currently under way to measure human performance, fatigue, and environmental parameters in demanding circumstances—such as the firefighter working in a burning building and/or the war fighter operating on the battlefield.
- Non-invasive system designed specifically for the get up and go situation.
- Uniquely integrated system applied to the human platform to minimize maintenance, application and response times, and to maximize useability.



Attributes

- Acoustically sensing the human state with processing done by the most powerful state-of-the-art digital signal processing integrated-circuits for data reduction, thus limiting the bandwidth needed for transmission and saving battery power.
- Uses innovative respiration sensors and electrocardiogram technology developed by Extreme Endeavors to verify acoustical data reduction.
- Integrated dual-band transceiver designed to increase the reliability of signal transmission in and around arbitrary structures.
- Expanded platform for easy addition of new technologies enables customization to meet the needs of diverse applications.



Applications

- | | |
|---|--|
| <input type="checkbox"/> Firefighting | <input type="checkbox"/> Law Enforcement |
| <input type="checkbox"/> Military | <input type="checkbox"/> Professional Sports |
| <input type="checkbox"/> Wildlife Research & Monitoring | <input type="checkbox"/> Horse Racing |