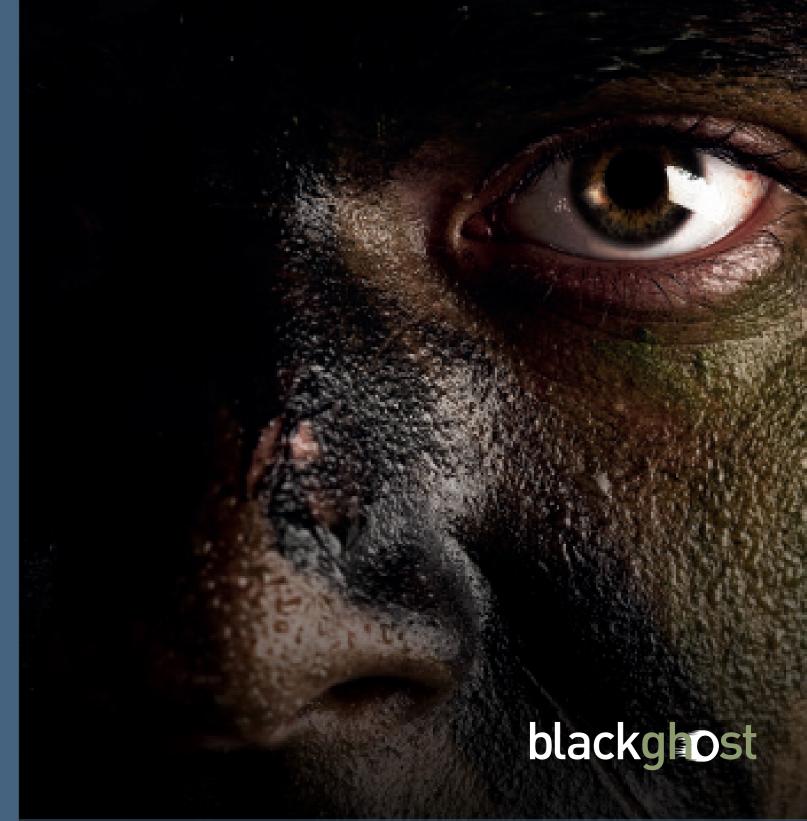
blackghost





You protect us: Black Ghost protects you





HIDA3330-BRO-BG-6p1



Your sensors. Your data. Your choice.

✓ Scalable Protection

▼ Physiological Monitoring

✓ Third Party Sensor Integration

Depending on the use case, the system can be tailored to capture as much or as

and the optimum cost-benefit balance.

The body-wide network can integrate

and environmental sensors to provide

with third-party devices including radiation dosimeters, noxious gas

greater situational awareness.

little physiological data as required.

This ensures both maximum comfort

The new generation of Black Ghost sensors offers greater flexibility for organisations seeking to reduce mortality and injury from avoidable causes, such as heat stress and falls. The network of sensors can be scaled up or down, depending on the level of

Keeping you safe in challenging environments

Black Ghost offers a lifeline for anyone operating in hazardous working environments. Whether you're a soldier in a military training exercise, a firefighter on emergency response or a maintenance worker on an offshore oil rig, safety is critical. The Equivital LifeMonitor measures heart rate, respiratory rate, body temperature and activity which enables the monitoring of dangers such as heat stress and extreme fatique.

Heat stress is one of the biggest causes of peace time injury and fatality around the world. The personal protective equipment (PPE) designed to keep you safe can make you more susceptible to heat related injury- but its effect on cognitive function means individuals often fail to recognise the danger signs.



- ▼ Health and safety reassurance
- ✓ Improved performance
- Optimised operational efficiency

Measurement

- ✓ Heart rate
- ✓ Heart-rate variability
- **▼** Respiratory rate
- Activity, including fall alert
- **✓** Body temperature

Performance

- Altitude to 30,000ft
- **▼** Temperature from -10 oC to 50 oC
- **▼** IP67 waterproof rating
- ATEX, IECEx and ETL approved
- FDA 510K and CE approved
- **✓** US Army ATEC approved



your team. At its core is the Equivital LifeMonitor, a body-worn smart sensor that monitors an individual's key physiological data round the clock. It delivers the data to medics who can view and analyse, in real time, the status of all team members.

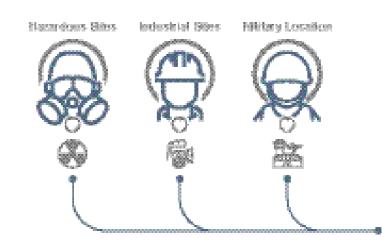
The user-friendly Black Ghost web app is designed to provide the actionable data you need, without information overload. Alerts and thresholds based on heart rate and heat strain can be tailored for each subject.

The system provides a Heat Strain Index (HSI) which scores current heat risk on a level between 1 and 10. It can even provide a valuable Heat risk warning predicted 15 minutes in advance as an individual approaches critical levels. This data can also be used to make informed decisions about work/rest duty cycles.

The system includes GPS location data so that you can pinpoint where your team member is when there is a problem. Exclusion zones can be created, with alerts triggered on entry, exit or proximity. Contextualised data provided by Black Ghost can benefit both training and deployment preparation and execution.

As well as monitoring individuals in real time, the system can be used to review the effectiveness of training schedules – and highlight soldiers who may be at greater risk of heat related injury in the future.

The system can also integrate third-party sensor and website data – providing even greater situational awareness.



Cloud A Philippin Sequen

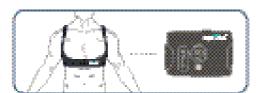




















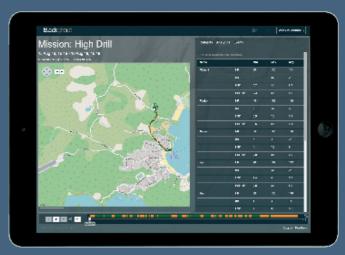
Black Ghost system

The Black Ghost system comprises the Equivital LifeMonitor, communications infrastructure and a customisable, data-driven software application. At its core is Black Ghost's unique heat stress algorithm. The system provides valuable data in real time and

The secure Black Ghost website, hosted in the cloud, maintains HIPAA protection and allows rapid deployment. For organisations requiring additional security, Black Ghost can be hosted locall with no internet connection.

Black Ghost is compatible with android mobile devices, Wi-Fi, and satellite communications. Custom communications options can be provided if required.





The Black Ghost system provides real-time actionable information for critical decision making. Black Ghost is compatible with android mobile devices, WiFi, TETRA and satellite communications. Custom communications options can be provided if required.

You protect us: Black Ghost protects you. www.equivital.com