

Prevention Engineering for Workplace Health

Reactec

With over 20 years' experience in preventing workplace health and safety issues, Reactec introduce *R-Link*, our third generation workplace wearable with expanded functionality.



Supports the
Control of
Vibration at Work
Regulations 2005
and follows latest
HSE guidance

Leaders in HAVS Prevention

- 1 Validate your risk assessments
- 2 Easily control your workers' exposure levels
- 3 Identify preventative control measures such as training or tool selection

Over 100,000 UK workers have already benefitted from Reactec's first HAV management watch



Wrist mounted device that automates the tracking of tool usage and daily exposure points calculation.



Real-time calculation of exposure level or time remaining on tool.



Operator alerted when personal EAV and ELV exposure values are exceeded.



Automated reporting of individual and company-wide exposure, online and by email.



Bluetooth feature identifies exposure risk in real-time.



Tool tags with determined vibration to comply with regulations (TEP). Plus unique sensed vibration to find hidden risks (SEP).



Informative back-lit display to see:

- Risk level
- Worker identity
- Tool in use
- 24 hour time display

Haptic sound and vibration alerts increase to highlight levels of risk

Reactec Analytics

- 1 Readily accessible reports and alerts are available online, auto-emailed, and are easily shared with all stakeholders
- 2 Granular detail on tasks and tool use
 - worker activities
 - tool utilisation and performance
- 3 Clear and pertinent information to prioritise efforts on the hierarchy of controls
- 4 Record and monitor the impact of control measures and interventions
- 5 Secure access to intuitive analytics, hosted on a robust and GDPR compliant, scalable cloud platform



Reactec

New advanced technology and expanded functionality

R-Link

With *R-Link*, you can do so much more than simply manage HAV risk.

With the *R-Link* watch, fully integrated eco-system, and the powerful Reactec Analytics, you have an unprecedented view of your employees' environment to deliver effective risk prevention and open new avenues to improve operational efficiency and safety:



Dangerous proximity



Geofencing



Access control and messaging



Evacuation and mustering



Loneworker support



Activity and motion tracking

Eco-system - How it works

R-Link is a holistic eco-system to link you to your employees, dependent only on an internet connection through a public mobile phone network or local wi-fi.

Assign an *R-Link* watch at the start of the working day. Your employee or visitor's credentials, as entered in the Reactec Analytics software, will then control what type of protection they receive throughout the day.

The *R-Link* watch has no GPS and does not track location. Watches operating in a high risk area monitored with a mesh of GPS enabled *R-Link* beacons will receive protection such as evacuation or man-down alarms.

Use *R-Link* beacons to create a no-go zone around dangerous plant, or a mesh of beacons to collect live data and create complex but flexible geofenced exclusion areas.



A single *R-Link* gateway located at the end of a beacon mesh or at the watch charging areas, automatically and safely transmits data to the powerful cloud-based Reactec Analytics software under GDPR compliance.

The Reactec Analytics turns the *R-Link* data on risk levels, near misses and employee activity into intelligence to create a safer, more sustainable work environment.



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