

Preventing the vibration-related upper-limb MSD - HAVS

With over 20 years of experience in preventing workplace health and safety risks, Reactec developed R-Link, our third-generation workplace wearable with powerful cloud-based data analytics. The R-Link smart watch is a powerful tool to prevent irreversible musculoskeletal disorders caused by exposing the hand and arm system to vibration.



Proven ground-breaking technology

- 1 Directly control daily levels of vibration exposure to prevent vascular, neurological or musculoskeletal damage, collectively known as hand-arm vibration syndrome (HAVS)
- 2 Identify preventative control measures through understanding a worker's misuse of tools or poorly performing tools.

Over 140,000 workers have already benefitted from Reactec's trusted vibration management smart watch



Wrist mounted device that monitors real-time tool vibration levels and tool-use time



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



Real-time calculation and display of exposure levels on watch screen



Bluetooth feature delivers real-time data



Operator alerted when personal configurable exposure levels are exceeded



RFID tool tags allow the source of vibration (tool) to be identified

R-Link Display Screen

R-Link's informative back-lit display identifies:



- Accumulated exposure risk
- Time remaining to risk limit
- Worker's name
- Tool in use

Haptic sound and vibration alerts increase to highlight levels of risk.



PEDESTRIAN - MACHINE PREVENTION ENGINEERING

Our third-generation smart watch, R-Link®, builds upon our trusted HAVS monitoring capability with new functionality to alert an operator when they are within dangerous proximity to active machinery



Reactec Analytics

- 1 Near hit reports
- 2 Interactive heatmaps
- 3 Worker behaviours
- 4 Inform safer workflows



UWB Beacon

- 1 Field configurable range
- 2 UWB for accuracy & speed
- 3 Flexible mounting including magnetic



Pedestrian Watch

- 1 Personalised
- 2 Informative display
- 3 Configurable haptic alerts



Driver Watch

- 1 Auto pair to vehicle
- 2 Electronic thumbs up
- 3 Configurable pedestrian warnings

Proximity Detection Analytics

1

A versatile multi-purpose wearable linking employers to their employees in the field

2

Built on 20+ years experience in managing electronic devices in arduous environments

3

Scalable, robust eco-system for managing large data sets of personal data - seamlessly

For more information about how R-Link can support your prevention engineering visit our website.

