



spacebands

the workplace safety wearable

▶ [Product Brochure](#)



spacebands wearables

(Why they
matter)

When things go wrong the cost is heavy:

- In April 2025, a social housing provider was **fined £140,000** after two workers developed HAVS through long-term exposure to vibrating tools.
- In May 2025, a car dealership was **fined £204,000** for failing to manage vibration exposure – two employees diagnosed with HAVS.
- Inspection programmes often uncover serious gaps in noise-protection measures.

What does the law expect of you?

- Under the **Control of Vibration at Work Regulations 2005** you must assess and reduce the risk from hand-arm vibration.
- Under the **Control of Noise at Work Regulations 2005** you must assess noise exposure, apply controls, and provide health surveillance where needed.
- Failure to comply can lead to **prosecution under the Health and Safety at Work etc. Act 1974**, exposing your business to large fines - and worse, human harm.

Mark's Story

This is a story about Mark. He works in your team.
Reliable. Skilled. Gets the job done.

Over time, the signs appeared. Numbness in the fingers.
Tingling that didn't fade. A weakening grip.

Eventually he saw a doctor. The diagnosis was clear:

Hand-Arm Vibration Syndrome. Permanent. Irreversible.

Mark could no longer do his job properly. Everyday actions became difficult.

So he filed a legal claim. Not to cause trouble. But because he needed support.

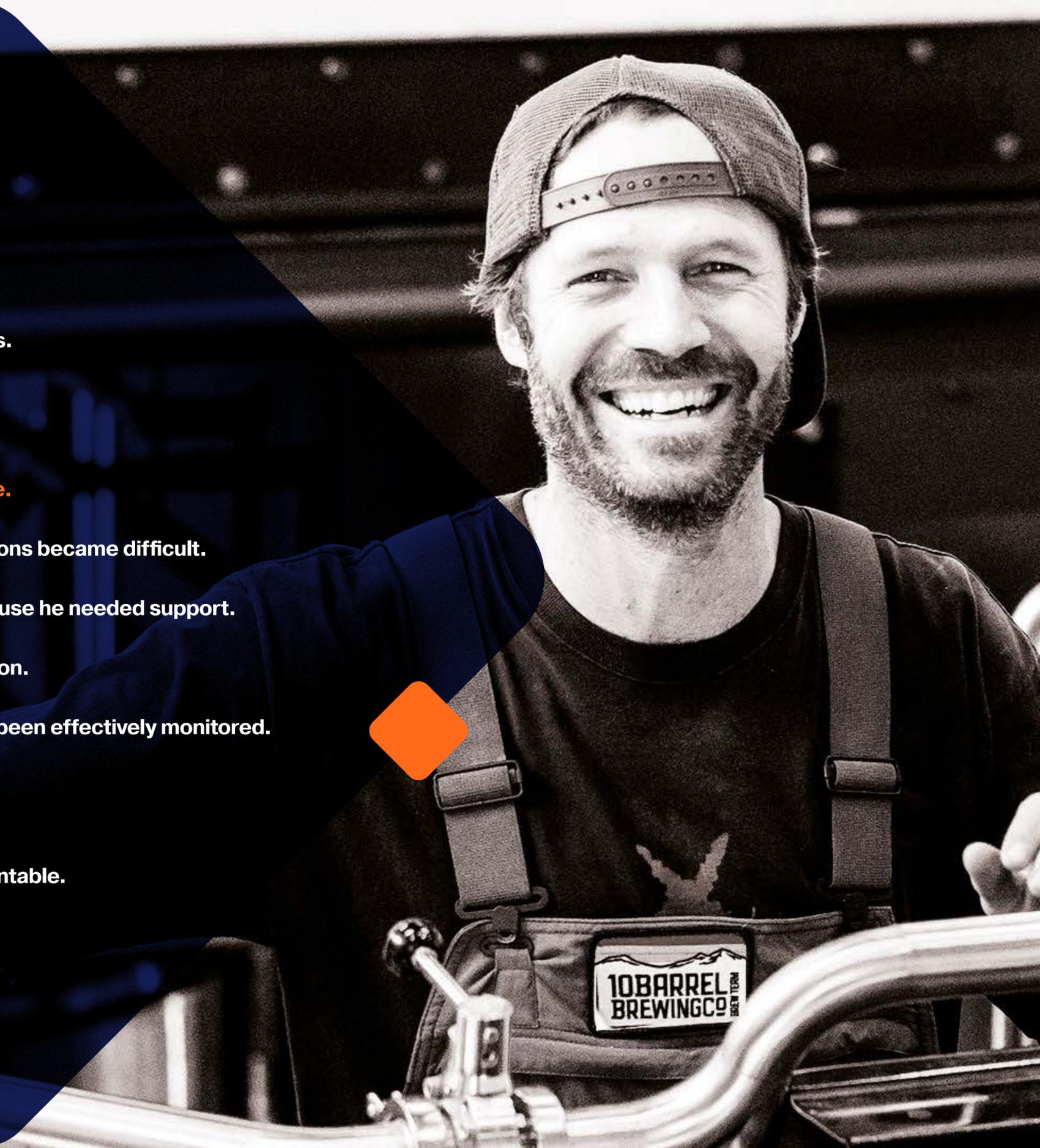
The company settled out of court to protect its reputation.

The HSE investigated and found that exposure had not been effectively monitored.
Records were incomplete. Controls were inconsistent.

The company received a significant fine.

Mark's story is not unusual. It is predictable. And preventable.

The question is whether it is addressed
before it reaches this point.



Every year in Great Britain

- **300,000 people** are estimated to suffer from HAVS in the UK
- Over **2 million people** are estimated to be at risk of developing Hand-Arm Vibration Syndrome (HAVS)
- In 2025, noise-at-work triggered **12,000 reports** related to hearing loss
- Work-related illness reports in the UK: **1.7 million**



HSE Expectations

What the HSE Expects (and how we support you)

The HSE expects employers to:

- Assess risks from vibration, noise and proximity hazards.
- Monitor exposure levels against EAV and ELV limits.
- Implement controls before harm is caused.
- Keep clear, auditable records.
- Demonstrate ongoing management and improvement.

The challenge is not in understanding these rules.

The challenge is proving they are followed consistently in real working conditions.

What spacebands delivers (on autopilot)

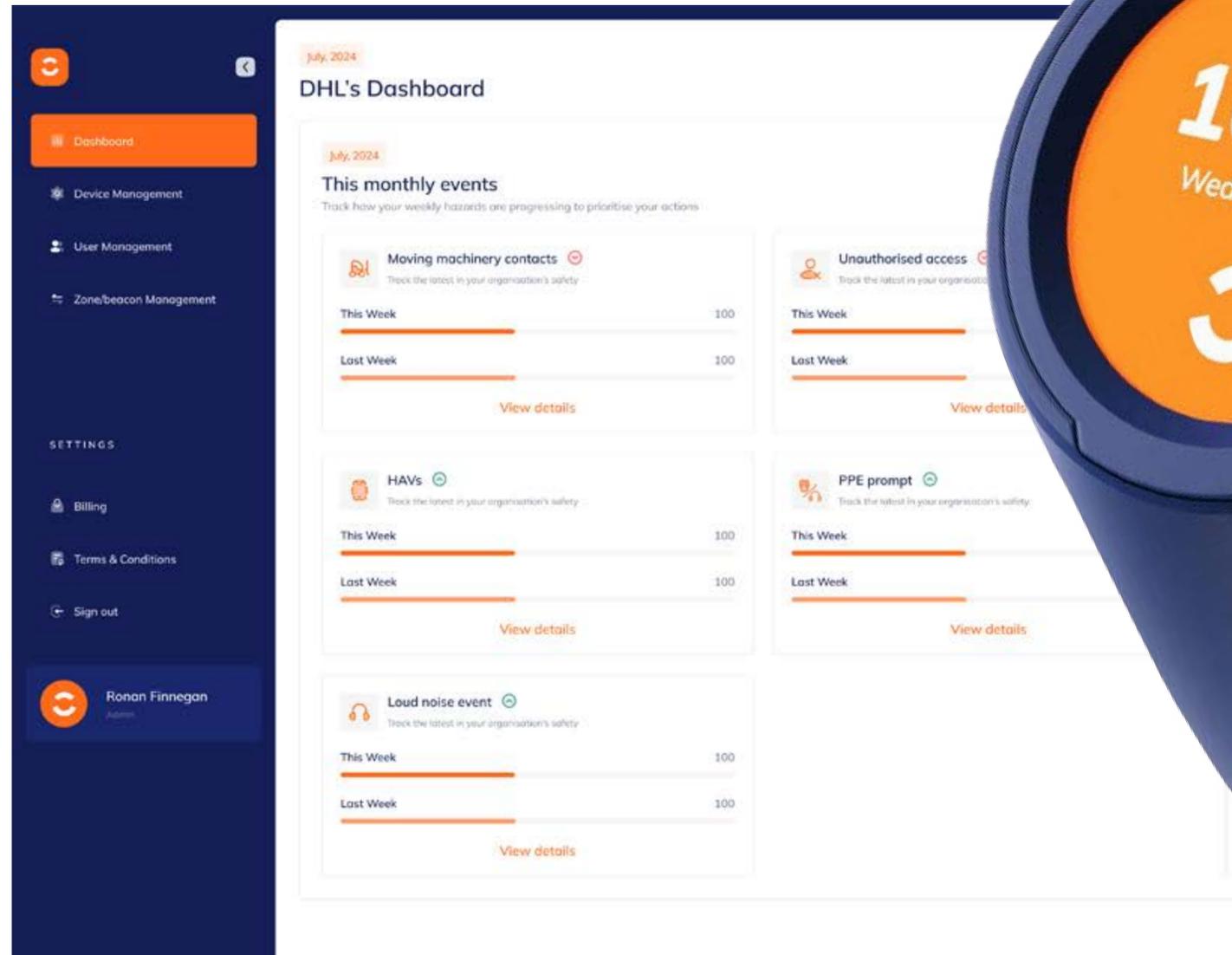
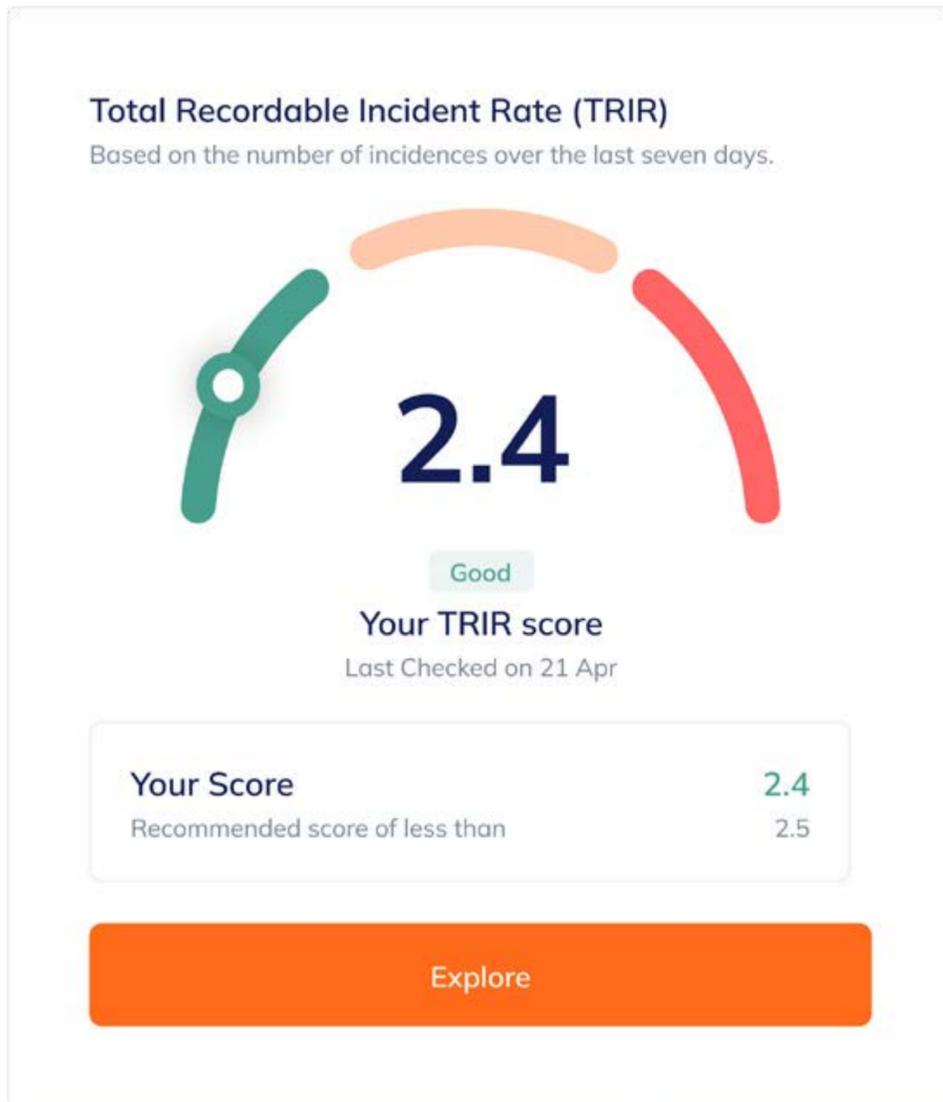
- We automatically track exposure against EAV and ELV limits.
- We alert workers in real time before safe limits are crossed.
- We collect accurate, timestamped data for reporting and claims protection.
- We highlight unsafe trends so you can fix issues before they cause problems.
- We help you move from reactive management to proactive prevention.

This is compliance made visible, measurable and repeatable.

It is safer work, without slowing the work.



Detect and Protect staff against more hazards



Safety Features



HAVS



**Decibel
Monitoring**



PPE Prompt



**Machine
Collision**



**Certification
Checks**



**Unauthorised
Access**

[Click on a feature](#) to learn more about it

We protect our customers from:

injuries, regulatory fines, false liability claims, unnecessary damages and accidents

spacebands Devices (Hardware)

Hardware



Wearable

The spacebands wearable device is a wrist-worn device with built-in sensors that detect several hazards and risks in dangerous workplaces.

The wearable will alert staff through haptic technology when they are in a hazardous situation. Data is stored to send to the spacebands cloud server when the wearable is placed on the spacebands charging dock.



Charging Station

The charging station is a multi-port charger to charge multiple wearables at one time. The charging station is also a means of data transfer.

All data that is held on wearables is sent onto spacebands' cloud server when plugged into the charging station.



Beacon

The Beacon is a device that is placed on a wall of a building or on the surface of a machine or vehicle.

Beacons are used to give proximity alerts to staff when they are close to moving machinery, in restricted areas or areas where they need to put on PPE. The Beacon only emits a signal and doesn't receive any signals.

spacebands Devices

(Software)

Software



Analytics **Dashboard**

The spacebands dashboard is an online portal where you can view your data and configure device settings (such as proximity alert distances and alarm type).

Logging into the dashboard for the first time will begin the step-by-step guide to getting you up and running with spacebands.

The dashboard is where device reporting is collated into easily digestible displays - allowing you to identify areas in need of operational improvement and ultimately reduce accidents.



Mobile **App**

The spacebands mobile app is a downloadable app that allows admin users to go through initial device setup and customise features on the go.

Analytics Dashboard

The spacebands dashboard is an online portal where you can view your saved analytics data and configure device settings (such as proximity alert distances and alarm types).

The dashboard is where the device reporting is collated making it easy to identify which wearable users are experiencing high exposure to hand arm vibration or noise. Key insights suggest areas that need to be looked at.



#0135

Detailed View

Data from 03/07/2025. Assigned to spacebands.

Total Points: 3.84

Total Duration: 5 minutes

Share Export to CSV

11:00am	3.84 points
11:17am Duration: < 1m	Low 0.01 points
11:20am Duration: 56s	Low Medium 0.39 points
11:30am Duration: 4m 38s	Low Medium High Severe 3.44 points

July 11-19

Key insights

Prioritise your actions for the week using your key insights

- The most severe event
- 120 second machine event happened this week for wearable 0001
- Highest HAV exposure
- Wearable 0001 was exposed to 120 minutes of HAV.
- Your best risk reduction
- You had 5 fewer unauthorised access events compared to last week

See more

All HAV events

Track when your employees are exposed to hand-arm vibration

All Events Daily exposure Weekly exposure

User Search ...

Date and Time	Wearable ID	User	Threshold	Event duration
11-July-23	0021	jhorder@spacebands.com	Low: 2.5 m/s2	EAV Reached
11-July-23	0021	jhorder@spacebands.com	Low: 2.5 m/s2	5 hours
11-July-23	0021	jhorder@spacebands.com	Low: 2.5 m/s2	1 hour
11-July-23	0021	jhorder@spacebands.com	Low: 2.5 m/s2	1 h 30 min

< Back

HAV

Track when your employees are exposed to hand-arm vibration

Hourly Events

July 11, 2023

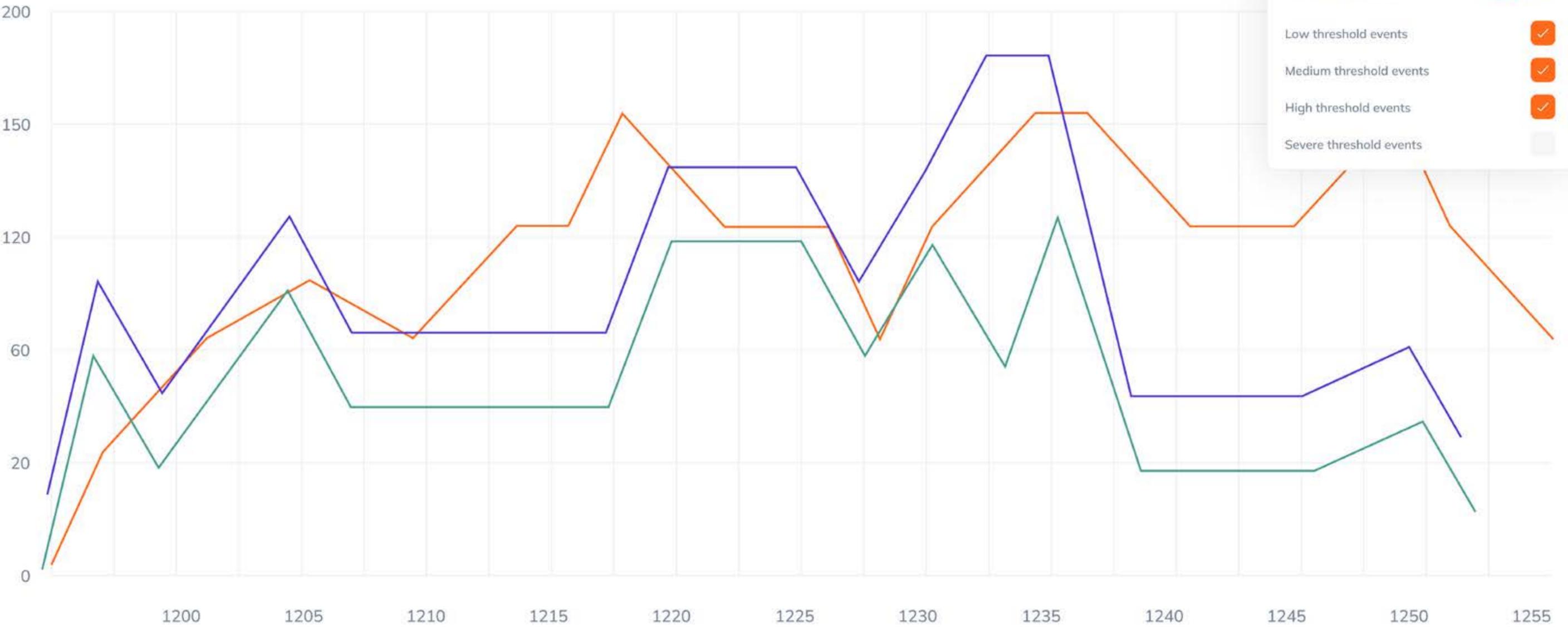
< > Hourly ▾

5 [⊖] 45% more than the previous day

ⓘ This graph is measuring each event by the time spent above the HAV threshold

Filter

Low threshold events ✕ Medium threshold events ✕ High threshold events ✕



View Options Reset All

- Low threshold events
- Medium threshold events
- High threshold events
- Severe threshold events



Overview

Device Management

User Management

Beacon Management

SETTINGS

Billing

Sign Out

Daniel
daniel@diex.com

1 3 5 7 9 11 13 15 17 19 21 23 25

Date

HAVS

All HAVS events

Daily exposure

Weekly exposure

Search...

Date

09/01/2025

09/01/2025

09/01/2025

Week

01

01

01

(drex@diexjackhughes.com)

#0135

Detailed View

Data from 09/01/2025. Assigned to Daniel.

Low (2.5 m/s ²)	0.01 points - 2 seconds
Medium (5 m/s ²)	0.00 points - 0 seconds
High (10 m/s ²)	0.11 points - 2 seconds
Severe (15 m/s ²)	3.38 points - 27 seconds

Total Points
3.49

Total Duration
31 seconds

View Data

View Data

View Data

View Data



Onboarding Process

The onboarding process has been designed to be simple, no expensive technical support packages or complicated rollouts, you can use your devices from the day they arrive.

Register

Purchase your subscription at spacebands.com/pricing and you will be given instructions on how to set up your account.

Upload CSV of employees

Once you've set up your admin account, you can either upload a CSV file of your employees or manually input them.

Assign Wearables

With your employees uploaded to the system, you can assign wearables to individuals or choose to leave them anonymous.

You're done. All devices come configured with health and safety settings recommended as per HSE guidelines.

You can configure all settings and alerts before your devices arrive.

Subscription Plans

12
MONTHS

£30 per device
per month

24
MONTHS

£28 per device
per month

36
MONTHS

£25 per device
per month

NO ADDITIONAL SOFTWARE CHARGES

(Analytics Dashboard and Mobile App is included in the prices above)

spacebands simple pricing plan charges the same amount per month for all devices, your plan length determines the monthly cost of devices.

On the 12 month plan wearables, charging stations and beacons all cost £30 per device per month.

Why choose spacebands?

- No training required.
- Easy to roll out at scale.
- Low monthly subscriptions.
- Protects against multiple hazards.
- Predictive analytics stop accidents.
- No tool tagging required for HAVS.
- No GPS makes for better staff adoption.
- Bluetooth system allows devices to work in remote locations (mines/rigs etc).
- No disruption to production during implementation.
- No hidden fees



spacebands Testimonials



Robert O'Mahoney

Health & Safety Manager - CMS Cepercor

Since introducing spacebands, we've seen a huge improvement in how we manage hand–arm vibration exposure. Our monitoring is now instant and accurate, and we've significantly reduced the risk of overexposure. The team is also more aware of safe working limits, which has boosted our overall safety culture.

One of our operators told me he feels “much more in control” of his own safety now because the device alerts him in real time.

We've moved from a reactive approach to a proactive one. Before, we were analysing logs after the fact — now, we can act instantly to protect our staff. The team trusts the system, and supervisors spend less time chasing paperwork and more time focusing on productive, safe operations.



Nick Sutcliffe

Senior Health & Safety Manager - Coachman Caravans

spacebands gave us the ability to measure various levels of exposure, various tools and various tasks without having to recalibrate or recalculate; or most importantly having a negative effect on our production.

Our average daily exposure across site has dropped by 78% in less than a year.

spacebands give peace of mind for our Board of Directors, that we are not going to be hit with a bunch of claims for HAVS, and even if we are we have evidence to show how we have addressed, managed and reduced the risk of further exposure.



Contact us

◆ support@spacebands.com

◆ www.spacebands.com