equivital

Social distance in the workplace with eqWave™

Affordable, easy-to-deploy wearable technology that helps to keep workers safe by enforcing social distancing and providing contact tracing capabilities.

eqWave: social distancing device

New health and safety requirements mean that keeping our distance at work is essential to staff welfare and keeping the workplace open.

Equivital's eqWave enables your workforce to adhere to social distancing guidelines and continue to do their jobs effectively with peace of mind.
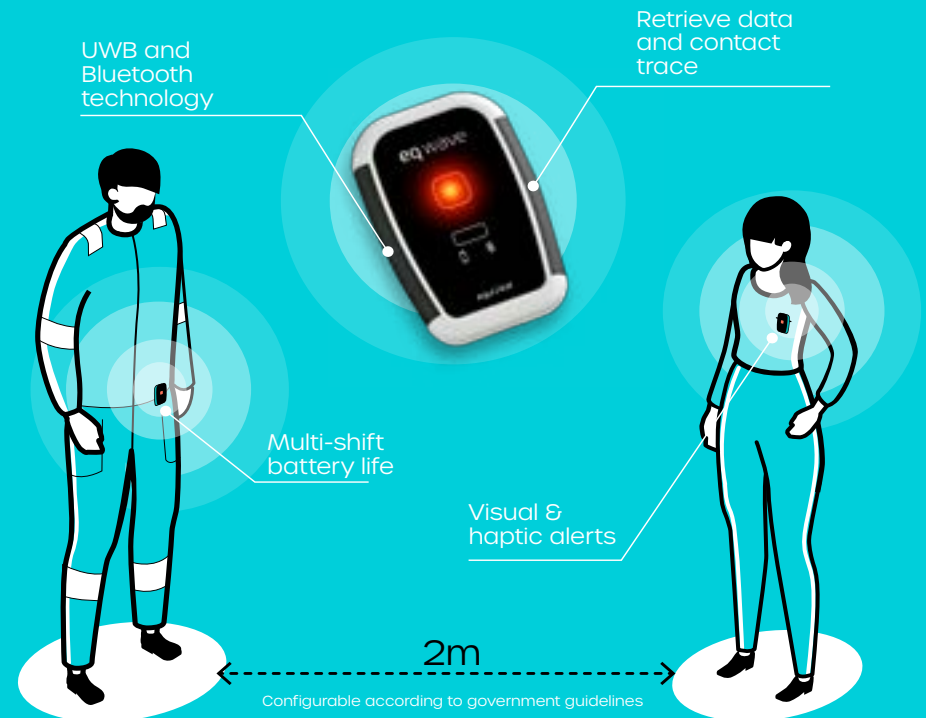
Additional contact tracing capabilities gives you the data you need to control the spread of the virus should an employee become infected.

The eqWave device must be worn by all staff and will alert if they get within a pre-specified distance that can be configured to current government guidelines.
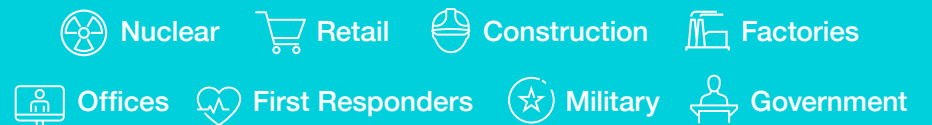
Accurate distance measurements are made using Ultra Wide Band (UWB) giving centimeter levels of precision. Unlike other systems that are based on Bluetooth alone, the eqWave gives 360 degree coverage.

The measurement accuracy is less likely to be compromised by interference from wearers' bodies or objects in the line of sight. No fixed infrastructure is required for deployment of the eqWave solution.

Social distancing wearable

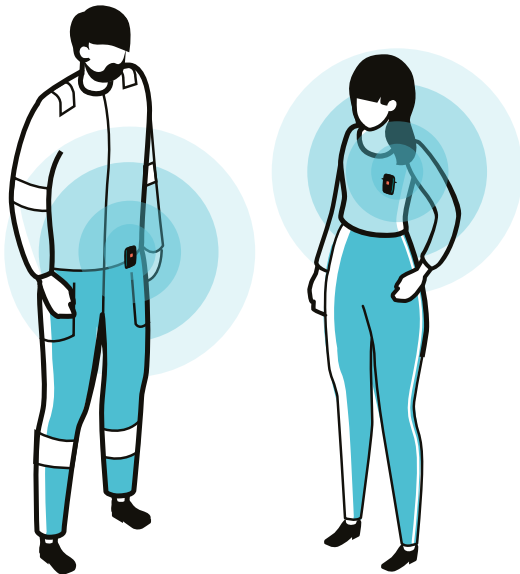UWB and Bluetooth technology

Retrieve data and contact trace

Multi-shift battery life

Visual & haptic alerts

2m
Configurable according to government guidelines

Other applications:

- Nuclear
- Retail
- Construction
- Factories
- Offices
- First Responders
- Military
- Government

Graphic showing distance alerts of eqWave

How eqWave works for you

1

Wear eqWave

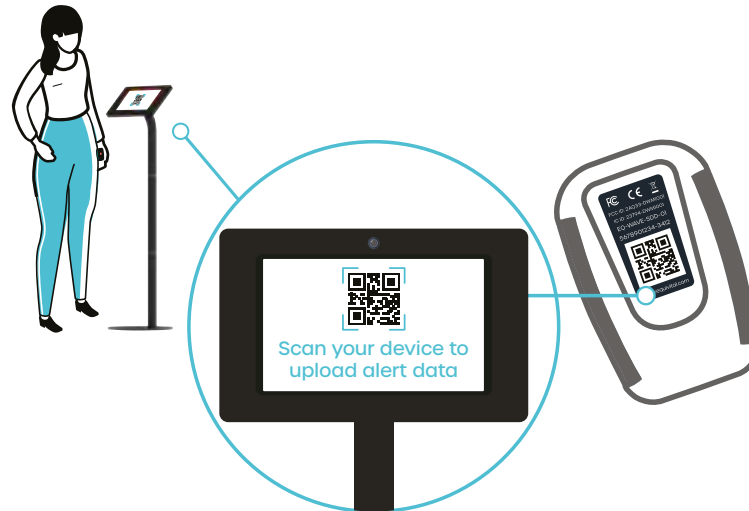Clip on the eqWave devices

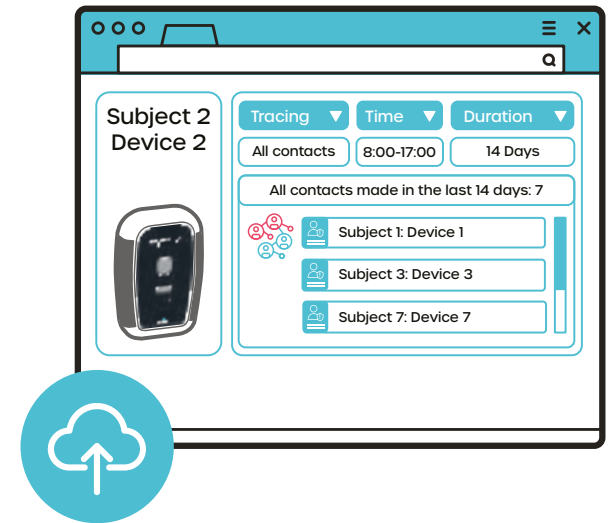**2**

Upload eqWave alert data

Scan the QR codes on the eqWave devices using the eqWave Kiosk

Scan your device to upload alert data

3

Contact tracing

Contact tracing is available and can be accessed for each subject

Subject 2
Device 2

Tracing ▼	Time ▼	Duration ▼
All contacts	8:00-17:00	14 Days

All contacts made in the last 14 days: 7

Subject 1: Device 1

Subject 3: Device 3

Subject 7: Device 7

eqWave solution overview

All contact data is collected and stored on the eqWave device.

Data can be downloaded to the Kiosk, if required, where it is queued until transmitted to the website. The eqWave Android Kiosk application is available to download for free from the Google Play Store.

Data is securely stored and can be viewed and exported for contact tracing using the eqWave or eqWave+ web service.

Choose the right web service

There are two options available to view and access your contact tracing data. Choose the right web service to suit your needs.

eqWave

The eqWave web service application is included with all eqWave devices as a 12 month subscription.

The eqWave free service is perfect for accessing the raw log data that you can download for your own analysis.

Customers can upgrade their subscription to the eqWave+ on a monthly basis.

eqWave+

eqWave+ is a premium service that offers intuitive contact tracing reports.

Contact tracing reports can be filtered by duration of contact as well as time and date to allow for meaningful data evaluation.

Web service specifications

	eqWave	eqWave+
Retrieve alert data log from all sensors	✔*	✔
Export alert data log	✔*	✔
Access alert logs via API into your analytics platform	✔*	✔
Modify sensor configuration	✔	✔
Push software updates to all eqWave sensors	✔	✔
Zero touch kiosk style interface with Android app	✔	✔
Contact tracing reports and exports		✔
On premise hosting		✔

*Up to 28 days

eqWave partner application

APIs are available for businesses who wish to build the eqWave into their existing connected worker systems.

eqWave partner app offers:

✔ Partner support prior to Over the Air (OTA) firmware upgrades

✔ Additional support to ensure the end-to-end solution is flight ready

eqWave solution key features

- ✓ A complete end to end solution to keep your staff safe
- ✓ Simple, optional process for data upload
- ✓ Web based contact tracing
- ✓ The option to build your own contact tracing reports
- ✓ GDPR compliant secure data storage

eqWave device key features

Real-time haptic and visual alerts

Compact and easy to wear (even with PPE)

Weatherproof (IP67 rated)

Inspire your workers and show you've got their best interests at heart. Contact us now to arrange a demo on 01954 233 430 or email info@equivital.com

eqWave device specifications

Distance measurement		Proprietary Ultra Wide Band
Accuracy of measurement		Less than 20cm
Coverage angles		360° spherical
Social Distance threshold		2m / 6 feet (configurable)
Alerts	Visual	High intensity LED
	Haptic	Integrated vibration motor
	Auditory	Optional
Battery	Charging	USB connection supplied with an optional 54 way charger available
Connectivity		Bluetooth Low Energy
Weatherproofing		IP67 rated
Impact resistant		BS EN 60068-2-31: 2008: Rough Handling: Free Fall
Size		50 x 75 x 17mm
Weight		50g
Certifications		CE marked / FCC / EMC (EN 301 489-1)