

Work distancing technology

To ensure the safety of workers and the public during the Covid-19 pandemic, many businesses will be required to adapt workplaces, current working practices, and introduce new safety measures.

DWF 360 offers smart technology solutions to help organisations maintain social distancing amongst employees, and conduct automated temperature checks, producing a real-time dashboard within our EvoSafe product suite to support the detection, prevention and mitigation of Covid-19 risks.

The challenges

Businesses need to continue operating and may be facing increased demand during the current crisis. With pressures for social distancing and issues around the availability of staff (either via self-isolation or choosing not to work), a number of companies are finding it increasingly difficult to guarantee volumes of productivity.

Organisations will require a reliable solution for ensuring social distancing and tracing potential transmissions of the virus in order to adhere to government guidelines and ensure that their employees can safely return to work. Current technology using GPS location, such as mobile phones, is not sufficiently accurate to provide a safe or reliable solution for managing a workforce within Covid-19 social distancing guidelines.

The technology solutions

DWF 360 has partnered with two already successful suppliers of work distancing technology which is integrated into our leading safety risk software, EvoSafe, offering two types of protection:

1. Social distancing wearable technology
 - A rugged version where devices attach to high viz or protective clothing
 - An office version with an aesthetic wristband
2. Thermal imaging and CCTV at workplace entry points.



1. Social distancing wearable technology

Wearable safe space technology can be used to mitigate the spread of the virus in workplaces and empower employees to digitally manage their social distancing, safeguarding their wellbeing and enabling companies to continue to operate. DWF 360 has partnered with leading providers to help both industrial and office based workers maintain a safe 2m distance from one another both indoors and outdoors.

This solution uses the latest wearable technology to detect close proximity to a co-worker and monitor and alert on all social distancing breaches.

Key features include:

- Accurate to 10cm
- Alerting the employee and management if the social distance threshold is breached
- Cloud-based software
- Real-time reporting on contact with other employees
- Identifies risk areas where social distancing is most difficult
- SOS Alarm
- Temperature checks.



2. Thermal imaging

Using the latest in CCTV thermal camera technology, we can provide instant tracking of employee temperatures, allowing employers to identify and isolate any employees with an elevated skin-surface temperature, with accuracy up to $\pm 0.3^{\circ}\text{C}$.

The thermal system can be located at a single point of entry to any workplace and will form part of your standard procedure for employee access.

Key features include:

- Helps to mitigate the spread of infection
- Non-contact thermography
- Detection time is less than 1 second
- Accurate to 0.3°C
- Identifies hot drinks and other heat sources to avoid false triggers
- Automated alerting to the onsite management.

Analytics and reporting

Employers will have real-time access to analytics and reporting via EvoSafe so that they can effectively monitor:

- The effectiveness of social distancing policies
- Issues relating to employee density in different parts of their site
- Comparison of effectiveness of policies across multiple sites
- Audit trails demonstrating compliance with the recommended policy.

How it works - Integration with EvoSafe and EvoNotify

Once DWF 360 has installed the technology, organisations will be able to access a graphic dashboard within DWF EvoSafe which will illustrate who is at risk and what is happening in the office or onsite by tracking data from the wearable technology and thermal cameras.

Our EvoNotify app can be used for raising and receiving alerts, providing real-time and up to date risk assessments delivered to employees before they start their daily working activity.

Contact

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Beyond borders, sectors and expectations

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Join us on the journey.

