



# Personal Safety Solutions for Construction Workers

24/7 emergency support | Man-down detection



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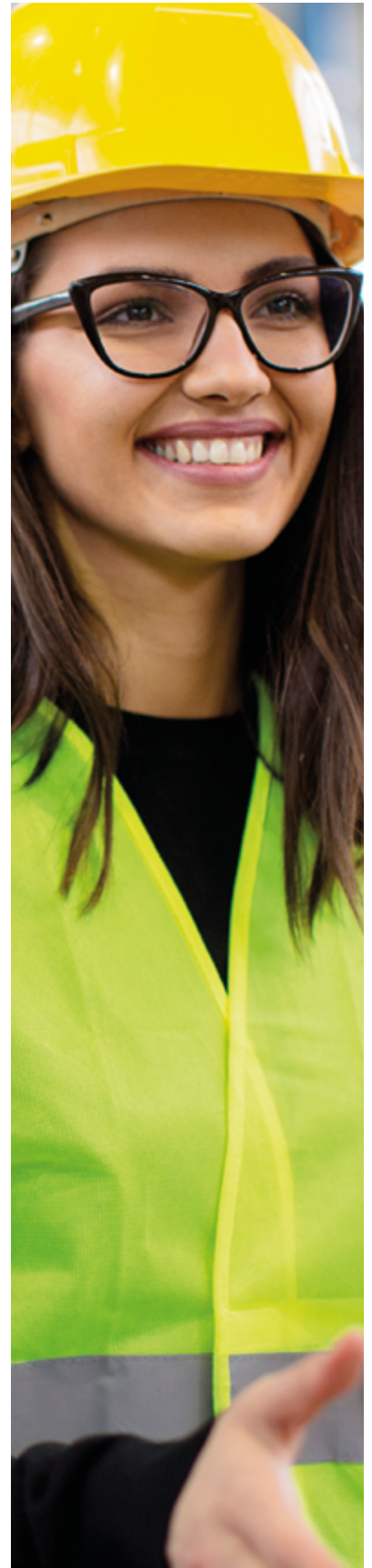
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# A high-risk industry



If you work in the construction industry, you'll know that construction sites can be hazardous places to work. In fact, between 2020 and 2021, there were **39 fatal** injuries reported on UK construction sites (according to HSE).

Therefore, construction businesses should be especially cautious and adopt all available measures to safeguard workers from common construction industry hazards including:

- **Lone working,**
- **Working with, or in the vicinity of, large and heavy moving vehicles,**
- **Working at height e.g. up a ladder, or on a roof or scaffolding,**
- **Working with hazardous and/or heavy materials,**
- **Working with dangerous tools e.g. power tools,**
- **Unpredictable weather,**
- **Dusty conditions,**
- **Loud noises e.g. jackhammers or drilling, and**
- **Uneven ground.**

It's also equally as important to have measures in place to ensure workers can easily call for assistance in an emergency and to ensure the quickest possible response. After all, in a life-or-death situation, seconds really do matter.

# Protect your construction workers from risk

A personal safety device can be a reliable and effective way to protect construction workers from risk – whether they're working alone or alongside others.

**SoloProtect's** safety devices are discreet, easy-to-use and won't get in the way of the day job. With **24/7 emergency support** at the push of a button and **man-down detection**, we can quickly get help to your construction workers when they need it most.

## Reactive safety features:



### Red Alert

A Red Alert allows the user to raise a discreet alarm at the push of a button if their personal safety is under threat. This opens a one-way call with our Monitoring Centre where operators will listen in to the incident, locate the user using geolocation technology, and dispatch the emergency services and/or alert the user's escalation contacts (e.g. a manager or colleague).



### Incapacitation Alert

An Incapacitation (or "Man-Down") Alert is raised if a device senses the user is incapacitated due to a slip, trip, fall, or health issue. It will automatically raise a 2-way call with our Monitoring Centre where operators will quickly establish the severity of the situation and send assistance. This functionality is particularly important for anyone who works at height.

## Proactive safety features:



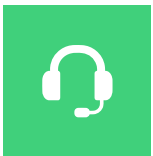
### Check-In

The Check-In feature allows the user to leave a pre-record voice message with details about their location, activity and any potential safety risks as they go about their daily work e.g. before starting a new task. The information provided aids **SoloProtect** in managing any subsequent alarms.



### Monitoring Timer

The 'Monitoring Timer' helps to reduce risk in areas with low signal. The user can set a timer before entering the area. Then, if the timer elapses, the **SoloProtect** Monitoring Centre will begin a process of escalation and attempt to locate the worker and confirm their safety.



### Ready2Talk

Ready2Talk should be used if a worker believes there is a potential risk to their safety that merits support above leaving a 'Check-In' message e.g. a clear potential for a man-down scenario. Ready2Talk connects the user with the **SoloProtect** Monitoring Centre and the operator will stay on the line until the user advises they are safe. If a situation escalates, the operator will upgrade to a 'Red Alert'.



"By deploying a **SoloProtect** lone worker solution, we've ensured a potentially serious situation was resolved without incident."

Project  
Implementation  
Manager  
John Lewis



# Mix and match



## SoloProtect® ID Touch

A feature-rich personal safety device and ID badge combined - now with user-friendly touchscreen.

SoloProtect ID Touch is the next generation of lone worker device. It's extremely discreet, benefits from 4G connectivity and is ideal for workers who wear an ID badge as part of their role or to access premises.



## SoloProtect® ID Classic

A discreet ID badge providing vital safety functionality.

SoloProtect ID Classic is a simple, effective and cost-efficient solution, giving workers peace of mind that they can easily and discreetly call for help in an emergency.



## SoloProtect® Curve

A contemporary and stylish lone worker device with touchscreen

Great to use at work, but just as comfortable in your personal life. The SoloProtect Curve is a sleek, pocket-sized personal safety solution, that you won't be shy to show off.



## SoloProtect® Shield

A pocket-sized personal safety device for an active role with touchscreen

The SoloProtect Shield is an effective and versatile solution with a broad range of features. Perfect for workers with an active or outdoor role, providing comprehensive protection off-road or on-site.



## SoloProtect® Go

A small safety fob that won't get in the way of the day job.

The SoloProtect Go is ideal for anyone looking for a fob-style lone worker device that provides simple but effective protection from social or environmental risks.



## SoloProtect® Mobile

Quickly transform a phone into a valuable and efficient personal safety tool.

An easy option for organisations wanting to bolster their personal safety measures and demonstrate duty of care to employees, without the cost, administration, and training implications of deploying dedicated devices.

# Designed for construction workers



## **Built for noise**

The **SoloProtect** devices are well-equipped for noisy environments. While active, your device or phone will vibrate in a distinct pattern so you're reassured it's working.



## **Tough on dust and water**

Wet and dusty construction sites are no match for our devices. Most are water and dust resistant to ensure functionality is unaffected, even in the worst weather.



## **Locate and communicate**

Geolocation and cellular technology ensure we can communicate with users and pinpoint their location whenever they need support.

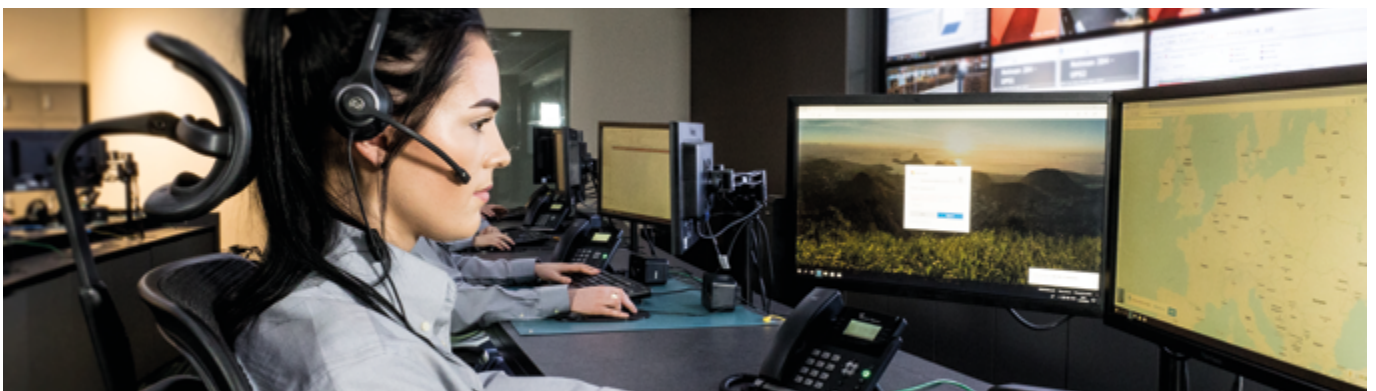


## **Small and mighty**

All our devices are small, lightweight and won't get in the way. They have a range of attachments so you can wear it on your belt or attach it to your keyring or lanyard.

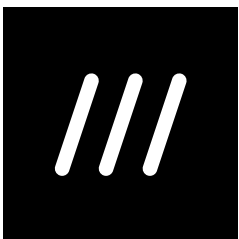
# Ensure a rapid emergency response

Whether you're using a dedicated **SoloProtect** device or our mobile app, all alerts and alarms connect with our Monitoring Centre. Certified to EN 50518 (the European Standard for Alarm Receiving Centres) and BS 8484 (the British Standard for Lone Working), we can request a priority emergency response for construction workers.



After an alert has been raised, on average, our operators will be listening in only 4.6 seconds and will locate your device, verify the situation and begin initiating an appropriate response in just over 41 seconds. This could be alerting the emergency services or calling your escalation contacts (e.g. a manager or colleague).

Whatever the risk you're facing, our specially trained operators will be there to help.



what3words

what3words references can be very useful on large construction sites as they allow a user's exact location to be easily pinpointed. If your solution users include what3words references as part of their Check-In messages, our operators can include these in an emergency as part of the escalation process.



# Operational benefits for construction managers

The **SoloProtect** solution can help construction managers to confidently manage the safety of their workforce. However, it can also help you to demonstrate compliance with policy and standards, as well as facilitating operational and financial efficiencies, all via the online **SoloProtect Insights** platform.

Using the **Latest Location** functionality, managers or team leaders can quickly identify the geolocation of their mobile workers which can aid efficient redeployment decisions. It can also allow managers to track the progress of work where location is a key indicator e.g. deliveries or contractors moving from one site to another.



## **SoloProtect Insights also allows you to:**

- ✓ Quickly allocate devices or app licenses to staff,
- ✓ Assign training modules to users,
- ✓ Specify important health information and escalation contacts for each user,
- ✓ Generate automated usage reports,
- ✓ Access alarm information and evidence for use in any legal proceedings or for staff training,
- ✓ Send urgent risk messages to all app users to quickly notify them of an issue,
- ✓ Structure your solution to reflect your organisation and empower managers to oversee their own team members.

**SoloProtect Insights** can be accessed on site, from any location and on any device with an internet connection.

# SoloProtect Insights: Central to the solution



"Since our first demonstration of the **Insights** platform, we have been impressed with its functionality and design. The layout and clarity of the portal makes it simple and rewarding to use, both for device users and portal administrators. In particular, the 'Analytics' feature has been invaluable in helping us to create and maintain a meaningful, accurate and functional portal account, as well as helping us to identify areas for improvement and change."



Lead Officer  
Buckinghamshire  
County Council

# Investing in a safety solution

Investing in a personal safety solution for your construction workers is a tangible way to demonstrate duty of care to your employees and contractors. It shows that safety is your number one priority.

This can support the recruitment and retention of staff, add value to your brand, and support your organisation's Environmental Social Governance (ESG) and Corporate Social Responsibility (CSR) commitments. It can also offer financial benefits such as reducing your insurance premiums and reducing the risk of fines and other penalties.

## Did you know?

The most recent enforcement data published by the Health and Safety Executive (HSE), shows fines of £26.9 million imposed for safety offences prosecuted during the period 2020-2021.

"In a competitive job market like surveying, some applicants look beyond salary and benefits when looking for their next opportunity. They want to work for a company that does the right thing and invests in the health and safety of its colleagues, particularly in a role like surveying that involves entering multiple properties alone on a daily basis, and sometimes dealing with unpredictable situations.


"Investing in the **SoloProtect** solution has not only helped to provide peace of mind to our existing surveyors that someone will be there to help them if an incident occurs, it also gives us an advantage when looking to recruit, emphasising the importance we place on the day-to-day safety of our colleagues in the field."

**e.surv**  
Chartered Surveyors

Head of Surveyor  
Recruitment  
e.surv  
Chartered  
Surveyors


**For more information about safety, financial, operational, legal and wellbeing benefits of investing in a lone worker solution, why not download our business case?**

**This is available on our website in the Knowledge Base, or just scan the QR code.**



Investing in a  
Personal  
Safety Solution

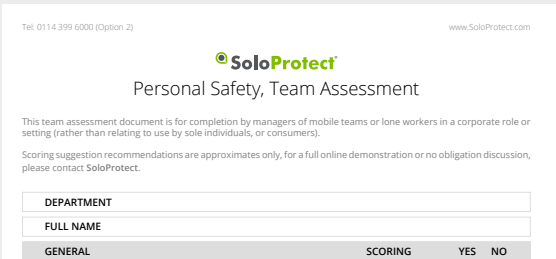
→ Business Case Support



## Do your construction workers need a safety solution?



If you're unsure whether your construction workers need a safety solution, take a look at our Team Assessment by scanning the QR code. This is a useful tool that helps an employer or construction team manager to understand the level of risk their workers are subject to.



Tel: 0114 399 6000 (Option 2) [www.SoloProtect.com](http://www.SoloProtect.com)

**SoloProtect**  
Personal Safety, Team Assessment

This team assessment document is for completion by managers of mobile teams or lone workers in a corporate role or setting (rather than relating to use by sole individuals, or consumers).  
Scoring suggestion recommendations are approximates only, for a full online demonstration or no obligation discussion, please contact SoloProtect.

DEPARTMENT			
FULL NAME			
GENERAL	SCORING	YES	NO

# What are your obligations towards contractors?



With such a high proportion of contractors within the construction and industrial industries, it's important to consider their safety and wellbeing, too.



Do your contractors adhere to health and safety policies and procedures on- and off-site? Do you understand your obligations toward contractors? What are your responsibilities? We've answered all of this, and more. Take a look at our article by scanning the QR code.





# Contact us



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