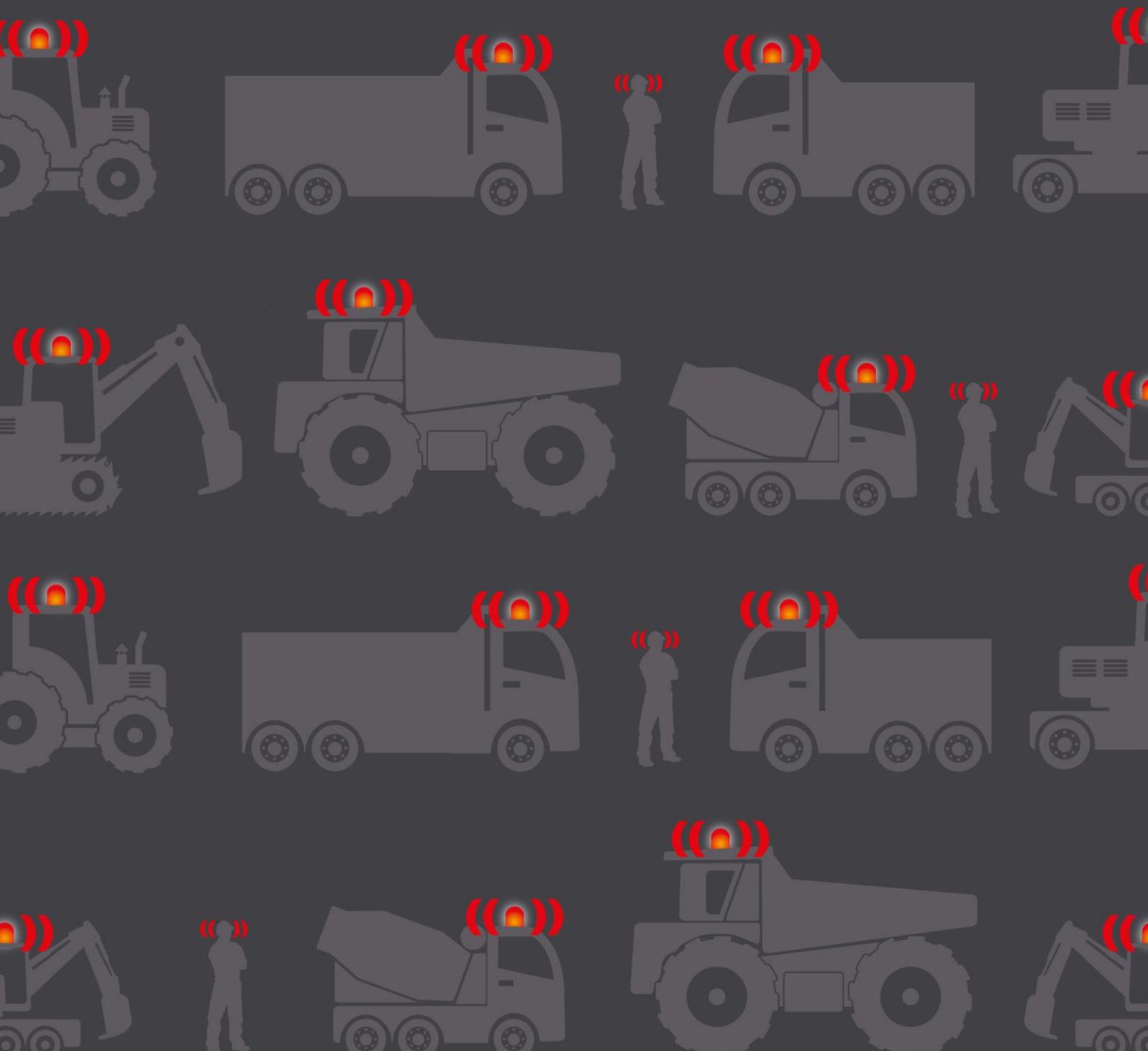


# TECHNOLOGY TO KEEP THEM ALL WORKING. SAFER



Safety has to be a priority on site. Firstly to protect lives and equipment and secondly to avoid expensive down time caused by dealing with accidents and the aftermath.

SensorZone is a risk alert system designed to protect the human and mechanical workforce from avoidable incidents.

Whilst the technology deployed is sophisticated, the installation is straightforward. As part of the configuration kit, a high-resolution beacon with an audio alert and an antenna (or more if necessary) are installed onto workplace hazard such as an excavator, truck or forklift truck. The system is then set up to monitor a pre-determined zone (or envelope) around the nominated hazards.

All appropriate personnel are fitted with an electronically personalized signal-responsive tag that vibrates and buzzes if the wearer enters the hazard zone.

In the event of either personnel or machine entering the zone, the beacon will commence flashing, a loud audio alert will be the signal for the driver/operator of the vehicle to immediately stop, switch off the engine, assess the situation and render the area free of danger.



The SensorZone system in proposed new livery

## Many potential applications

Wherever there are people and machines working together and at risk of collision, SensorZone can be adapted to meet the safety requirement. For instance, a temporary zone using a cone to locate the beacon and create a monitored zone whilst the work is carried out.

There are many instances where work is carried out in close proximity to pedestrians and/or traffic. Again, SensorZone can be made to function as a monitored zone without the use of tags.

It's little wonder that GKD are receiving interest from not only the construction sector but from mining, warehousing, rail, docks - in fact most industries that need to mitigate the risk of incidents between the human and mechanical workforce and the resulting loss of productivity.

## Vibrating tag with longer life

The battery life of the tag is warranted for 2 years.



Tag – front and back views

## How SensorZone technology can help safeguard people, productivity and corporate wellbeing.

1. **Productivity:** If a machine falls over or a boom hits an obstacle or if anyone gets injured it always results in downtime directly affecting productivity.
2. **Profitability:** If there is damage to machine, worker or assets is caused by unintended consequences – increased insurance costs, penalty clauses due to project delays as result of incident, consequential losses due to project delays, compensation – machine repair costs all eat into profits.
3. **Liberty:** If a person is seriously injured or there was a fatality and an investigation should it find that the company has proved negligent, the company directors and safety management could be personally liable and accountable and can lose their liberty if found to have been personally negligent.
4. **Trust:** Following on-site incidents trust in contractor brands can be lost by both existing and potential customers as well as current and potential employees.

## Working worldwide

GKD approved distributors and installation service engineers are trained by ourselves and located strategically around the world.

## All-round support

GKD has built its reputation on supplying reliable cost effective solutions and partnering with our customers to ensure that technical support is tailored to their needs.

## **Customer training**

GKD products support safe working practices but we also recognise that the physical componentry is only part of what makes a solid and reliable system.

Our online systems allow access to FAQs, knowledge and skills transfer as well as issue registration and tracking.

Installation and fault finding training courses for engineers are also available at our headquarters or on-site. All training is designed to ensure maximum product uptime.

Please ask our customer services team for further details.