



## Person to Vehicle Alert

Vehicles moving bulky loads feature prominently in workplace accidents. They have a far greater risk of collision because the driver's vision can be obscured whilst carrying large loads. The risk of accidental collision is increased further when vehicles work in close proximity to pedestrians.

The ZoneSafe Vehicle-to-Person proximity warning and alert system is specifically designed to prevent accidental collisions between industrial vehicles and pedestrian workers.

Quick and easy to install, the system consists of a ZoneSafe in-cab control unit, antenna units fitted to each vehicle and a ZoneSafe tag or transponder carried by personnel. The tag can be easily integrated into a high visibility jacket, worn with a lanyard or kept in the pocket forming part of everyday PPE.

The ZoneSafe antenna unit creates a 360° detection zone around the vehicle; this can be adjusted to detect ZoneSafe tags from a distance of 3 to 9 metres.

The system immediately detects when a pedestrian wearing a tag enters the 360° detection zone around the vehicle and emits an audible visual alert from the in-cab control unit warning the operator of a pedestrian presence.

The operator of the vehicle naturally responds to the alarm by either stopping or slowing down driving cautiously until the alarm stops. When the antenna fitted to the vehicle no longer detects a tag within the vehicle's detection zone, the alarm will stop.

A mute button is fitted to the control unit allowing the alarm to be muted by the operator for authorised personnel to approach the vehicle when required.

The Vehicle to Person Alert system works in any operational or production environment or anywhere vehicles and pedestrians work in close proximity to each other. This system can be used in conjunction with other ZoneSafe Proximity Warning & Alert applications.



ZoneSafe  
Unit Fitted To  
Vehicle



ZoneSafe  
Tag Fitted to  
Person



Alarm Alert When Person  
Enters Safety Detection  
Zone of vehicle



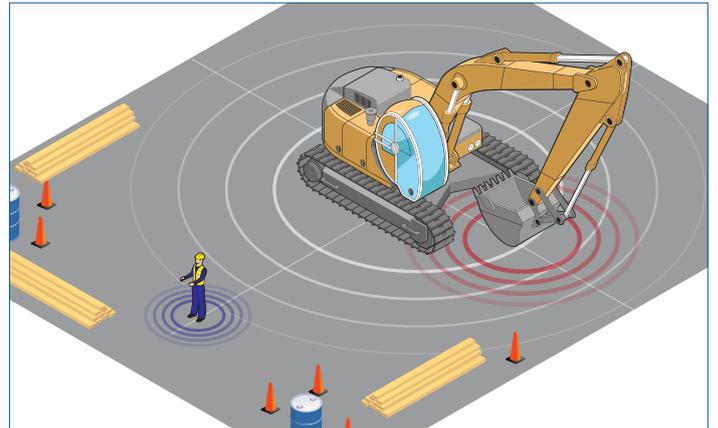


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Below are two examples of The Person to Vehicle Alert System demonstrating how an alert can be set up to warn drivers with obscured visibility of pedestrians in the surrounding area.



The forklift truck has been fitted with a ZoneSafe unit and the pedestrian is wearing a ZoneSafe tag. The ZoneSafe unit creates a 360° detection zone around the vehicle. When the pedestrian wearing the ZoneSafe tag enters the detection zone, an audible visual alarm is set off inside the vehicle cab to alert the driver. Once the person leaves the detection zone, the alarm will stop.



The digger has been fitted with two ZoneSafe units (one to the vehicle and one to the digger arm for increased safety) and the pedestrian is wearing a ZoneSafe tag. The ZoneSafe unit creates a 360° detection zone around the vehicle and digger arm. When the pedestrian wearing the ZoneSafe tag enters the detection zone, an audible visual alarm is set off inside the vehicle cab to alert the driver. Once the person leaves the safety detection zone, the alarm will stop.

ZoneSafe Proximity Warning and Alert Systems offer a range of additional applications and features. For more information on specific systems, please contact us directly on [01202 868000](tel:01202868000), visit [www.zonesafe.net](http://www.zonesafe.net) or email [sales@zonesafe.net](mailto:sales@zonesafe.net)



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Walkway Alert



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Person To Vehicle Detection



Vehicle To Vehicle Detection



Data Analytics



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