

ZoneSafe²TM

Authorised Operator System



*Personnel Detection & Driver Identification
For Vehicle & Machine Safety*



Many companies are responsible for operating a wide variety of industrial vehicles, plant equipment and machinery.

Health and safety is paramount in every working environment but in particular where industrial vehicles, machinery and personnel are working in close proximity to each other.

Minimising the risks of injury to personnel is an essential requirement of health and safety and is exactly what ZoneSafe™ offers, vehicle and machine safety.



Vehicle & Machine Safety

ZoneSafe™ is a personnel detection and driver identification system for industrial vehicles and machines. ZoneSafe™ helps to minimise risk and improve safety on live and operational vehicles, machines and equipment.

Using hands free RFID technology, ZoneSafe™ provides cost effective, reliable and accurate personnel detection and driver identification.

The System

ZoneSafe™ consists of a master control unit, antenna units and personnel identification tags.

The system produces a safety zone around a vehicle or machine using the antenna units. When personnel wearing identification tags are detected within the safety zone the system will trigger an event. These can include enabling and disabling live equipment, restricting machine operations and generating alarms.

User profiles associated with identification tags provide easy control over what events can occur when a tag is identified. These can include drivers, operators only, operator/drivers and personnel.

Personnel Detection & Driver Identification For Vehicle & Machine Safety

Operating Modes

Zonesafe™ operates in two primary modes depending on the application and setup required, authorised and unauthorised.

Authorised Mode:

Used on live vehicles and machines where authorised operators are not always present within the safety zone.

The vehicle and machine will reside in a safe mode to prevent accidental and unauthorised operation. This is ideal for vehicles with compactors such as refuse vehicles working in public areas.

Unauthorised Mode:

Used on live vehicles and machines where unauthorised personnel are not permitted within the safety zone.

This setup is often used in factory or open area environments where large industrial vehicles operate.



Zonesafe™ provides a reliable and easy to use safety system for many types of vehicle and machine. Helping to manage health and safety and minimise the risk of injury to personnel.

- **Hands Free Operation**
- **Easy to Setup & Use**
- **Configurable to Suit**
- **Improves Safety**
- **Reduces Risk**
- **Helps Fuel Saving**
- **Cost Effective System**



We would welcome the opportunity to discuss ZoneSafe™ with you in greater detail.
For further information please call: **01202 868000** or email: **sales@avonwood.co.uk**

Identify and Manage

Vehicles, Assets, Personnel & Processes

For further information

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