

# FLEET AWARE

## Accident and Collision Prevention System

Pedestrian Protection  
Zoned Pedestrian Warning System  
Truck to Truck Anti-Collision  
Fork Height Warning  
Wall Mounted/ Anti-Theft System

**Heavey Plant**  
**& Forklifts Ltd**

**Prevent Accidents and Collisions on Site**

**Increase Driver and Pedestrian Awareness**

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## **Fleet Aware**

### **Pedestrian Protection**

Each pedestrian that works in the specified "danger" area will be issued with an active RFID transmitter that continually emits a dedicated radio frequency, this is then detected by a truck based unit. Once the signal has been reached it can do one of many things such as activate a sounder, activate a flashing beacon or even slow the truck down automatically (depending on vehicle type).

### **Zoned Pedestrian Warning System**

As with the pedestrian protection version above each pedestrian will be issued with a special RFID tag however with the zoned variation the tags can be placed into groups each group can then perform different functions. For instance group 1 tags could include everyday staff and group 2 tags could include visitors. When a truck comes into the proximity of a group 1 tag it will set off an alert then when it comes into proximity of group 2 tags it can automatically slow the

equipment down offering greater protection for those people that are vulnerable and unfamiliar with the site.

### **Truck to Truck Anti-Collision**

In order to prevent serious accidents caused by 2 pieces of equipment colliding Heavey have developed a prevention method. With the truck to truck version of Fleet Aware V.2 you can either alert the drivers of each other presence with visual or audible alerts or slow the trucks down (depending on vehicle type) or you can group vehicles so that when it detects larger vehicles it activates an alarm and when it detects smaller vehicles it slows each vehicle down, this is ideal for quarrying applications.

### **Speed-Zoning**

The Fleet Aware V.2 system has the option for speed-zoning dangerous or highly congested areas on site. Each vehicle is installed with a receiver unit and at dedicated "danger"



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zones such as doorways or blind corners RFID tags are installed, when the vehicle enters the area the truck based unit detects the tag and activates a speed limiter on the vehicle, the zones can be as small or as large as required.

#### **Fork Height Warning**

When used in conjunction with a specifically designed sensor the Fleet Aware V.2 system can detect when a vehicle is attempting to enter a low area with the mast raised, the system can then either activate visual or audible alerts or automatically slow down notifying the operator of the imminent danger.

#### **Battery Management**

Batteries are an extremely important and expensive part of any materials handling fleet. The Fleet Aware V.2 battery management system is a very unique product that allows the fleet operator to keep an inventory of their batteries and monitor the charging cycles of them.

#### **Wall Mounted/ Anti-Theft System**

The wall mounted Fleet Aware V.2 system works by installing a fixed wall mounted unit at dangerous areas, junctions or hazard zones. The materials handling equipment is then installed with a specifically designed tag. When the vehicle approaches the dangerous area or audible or visual alert will be activated notifying everyone in the area of the potential hazard. This can also be used as an anti-theft system, this works by installing the materials handling fleet with the truck based tag, there will be a fixed point at a security gatehouse for example. If in the event a piece of equipment was to pass the fixed point then security would be alerted, this is an ideal and very cost effective way of preventing the theft of valuable assets.

**Fleet Aware V.2 is designed to aid health and safety, it will not replace good driving practice.**



Truck to Truck Anti-Collision

Zoned Pedestrian Warning System

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