

SHOCKWATCH®

Damage Prevention and Safety Solutions



Pedestrian Alert System (PAS)



Workplace safety
made simple
for pedestrians
and vehicles.



Say hello to PAS.

The ShockWatch Pedestrian Alert System (PAS) is a solution for the prevention of workplace accidents where there is a potential risk of injury to pedestrians who share workspaces with forklifts and/or heavy industrial vehicles.

The PAS warns drivers once it detects pedestrians at variable distances. Pedestrians wearing electronic Tags are detected by a device installed on vehicles. This warns the driver of the potential risk via a light and/or buzzer. The pedestrian will also hear the buzzer sounding on the vehicle when it is activated.

Pedestrian Tags are either battery-operated or rechargeable. The rechargeable Tag comes with sound, vibration and lighting on detection.



System Components.

Vehicle Components.



RF Activator

Contains the system electronics. Switched relays to activate Warning Light/Buzzer on Pedestrian Tag detection.



Test Tag

Failsafe device that ensures system is operating correctly.



Warning Light/Buzzer

Activates on detection of Pedestrian Tag.



**DC-DC Converter
(Standard or Potted for coolrooms)**

Converts forklift power to 24VDC.



**Detection Antennas
(Standard)**

Sends out low frequency 21kHz signal around vehicle up to 7.5 metres.



**Detection Antennas
(Long Range)**

Sends out low frequency 21kHz signal around vehicle up to 10 metres.

Pedestrian Tags and Charging.



**Rechargeable
Pedestrian Tag**

Includes LED light, sound, and vibration alert. 3 colour indication of battery levels. 30-day battery life.



**Pedestrian Tag
Inhibitor**

Deactivates driver's Pedestrian Tag while operating vehicle.



**Wireless Rechargeable
Tag Base**

Charging base for single Rechargeable Pedestrian Tag.



**Wireless Rechargeable
Tag Station**

Charging base for up to 12 Rechargeable Pedestrian Tags.

System Components.

Optional Accessories.



**Battery Tag
Verification Unit**

Verifies Battery Pedestrian Tag operational condition.



**Battery
Pedestrian Tag**

Includes emergency button and LED light alert. 6-month battery life.



**Mobile Tag
Inhibitor**

Inhibits driver's Pedestrian Tag while operating vehicle.



**Buzzer Control
Unit**

Controls buzzer duration in detection zones with high pedestrian-forklift interaction.

Non-Drill Optional Accessories.

Some companies may **not allow** mounts to be screwed into the vehicle. To assist with the installation in these cases, we can supply additional hardware (supplied as optional accessories).



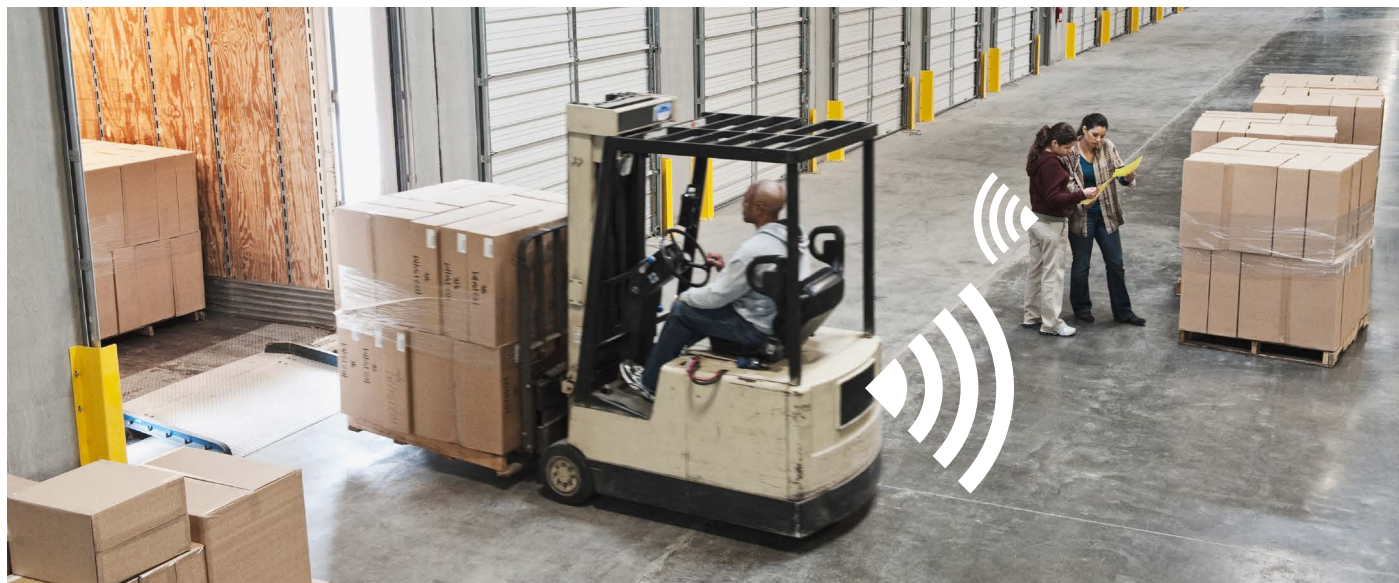
**RAM Large
Tough Claw**

The perfect non-drill mounting option for clamping the RF Activator assembly to the forklift.



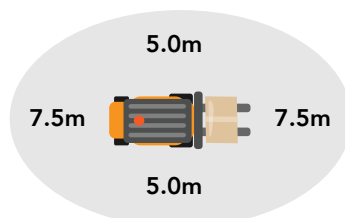
**Warning Light (RGB +
Buzzer) Wall Support**

This helps attach the Warning Light Unit to the back of the supplied polycarbonate bracket.

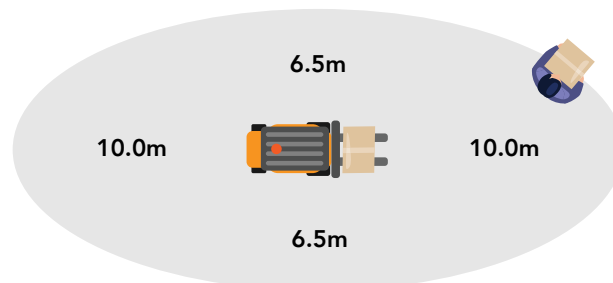


How It Works.

[Click for Video](#)



**Detection Antennas
(Standard)**

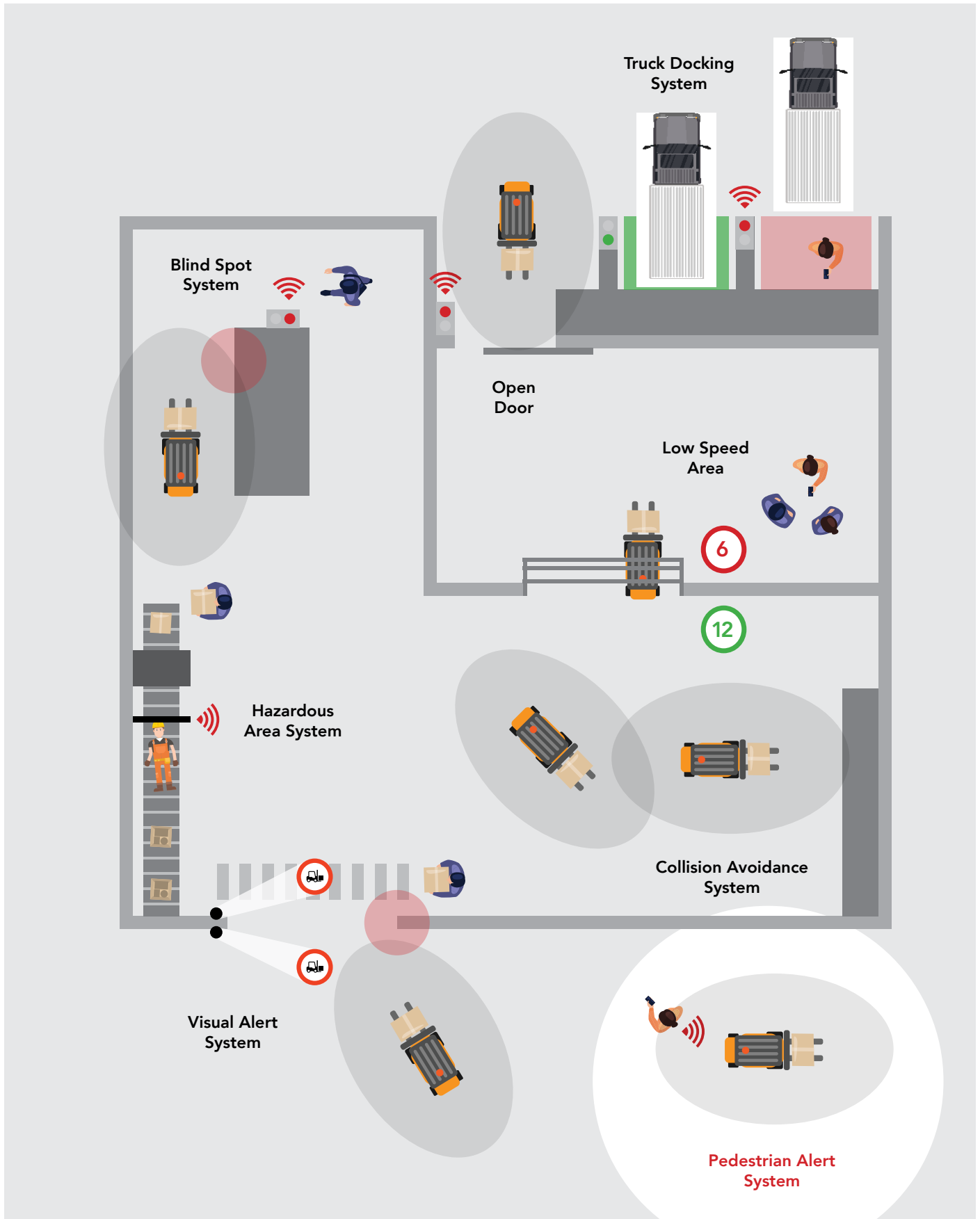


**Detection Antennas
(Long Range)**

Main Operating Characteristics.

- Detection of pedestrians in the area of operation of vehicles
- Front/Rear detection is adjustable between 0.5-7.5m (Standard) and between 0.5-10.0m (Long Range)
- Side detection of up to 5.0m (Standard) and 6.5m (Long Range)
- Rechargeable Pedestrian Tag (T-10R) extends detection range by approx. 1 metre
- For vehicles above 4T load Long Range Antennas may be required to extend signal
- Option to speed limit vehicle on detection (if vehicle model permits)

The ShockWatch range of Accident Prevention Solutions.



Our Clientele.

Australia



Worldwide



SHOCKWATCH®

Damage Prevention and Safety Solutions

1300 074 625

solutions@shockwatch.com.au

shockwatch.com.au

Feb 2021

