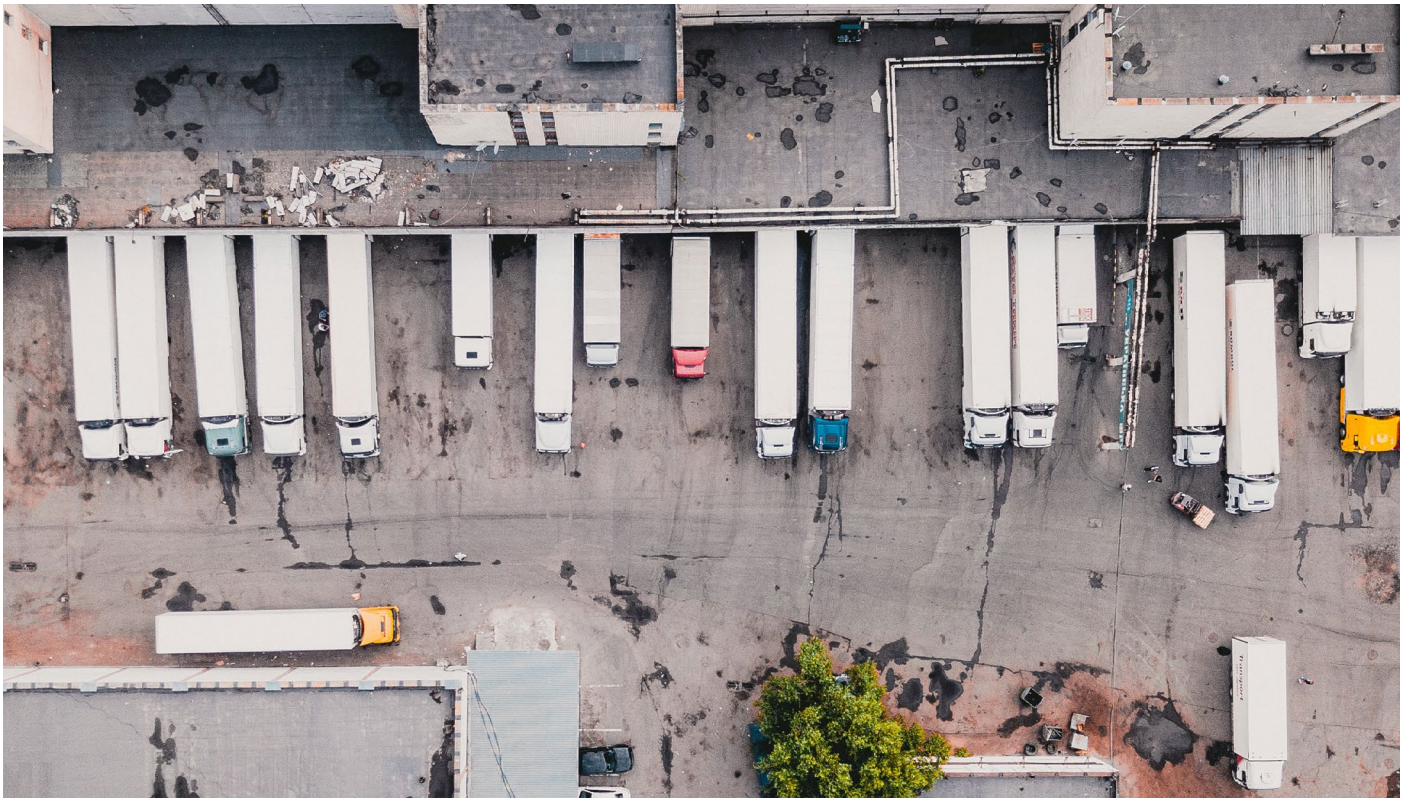
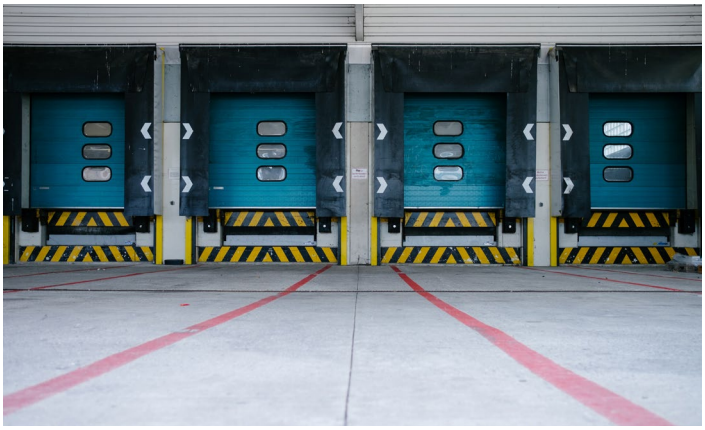
SHOCKWATCH®

Damage Prevention and Safety Solutions

Truck Docking System (TDS)





Truck docking with added confidence.

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The Truck Docking System [TDS] pecially designed for loading and unloading docks for reversing truck to minimise damage to docks and doorways and for staff inside the doorway to know when the truck has docked and it is safe to open the loading dock door.

The dock is equipped with detection sensors which, after detecting a truck, issue a signal to the traffic light. Once the truck has docked, a signal can be sent to the inside sensors (via the electronic wheel chock) to alert staff it is safe to open the door.

How It Works.

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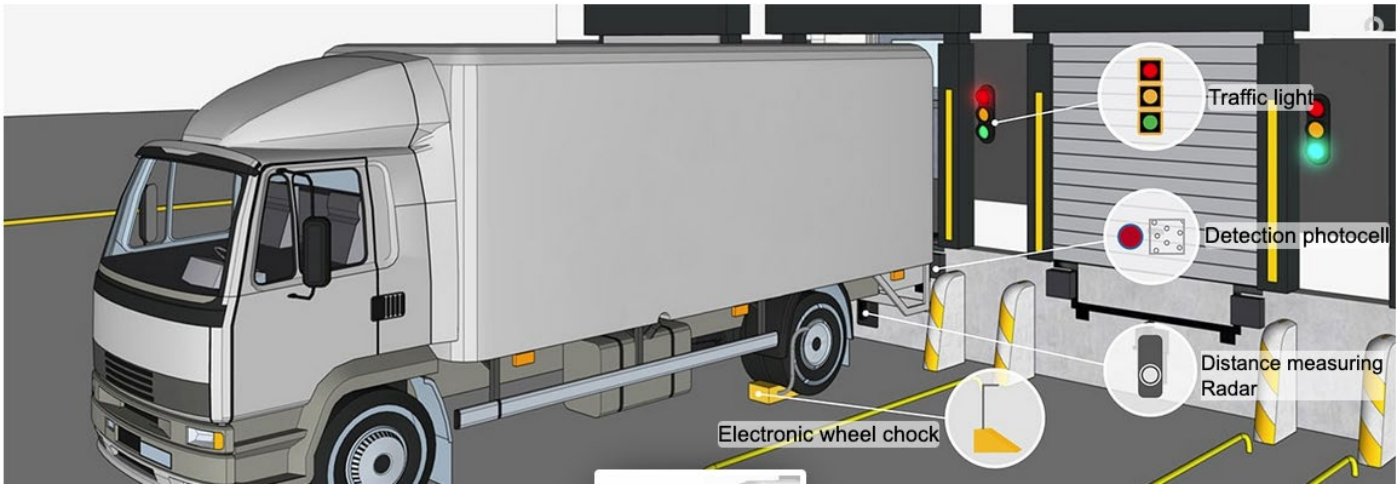
When the truck reverses into the loading dock, it is detected by a distance measuring radar which then indicates via the exterior traffic light if it is still far away (green light) or if it is now in range and approaching (amber light). In addition, this radar is accompanied by detection photocells at the dock entrance, which indicate the truck has arrived at the dock, causing the exterior traffic light to turn red.

When the truck arrives, the exterior traffic light will start flashing an amber alert to warn the driver to place the wedge on the rear wheel of the vehicle. Once placed, the wedge will activate a signal to the internal switch box to notify the operators inside that they can now open the door and the beacon will turn green on the internal dock.

In turn, operators can also see a light indicating whether or not the door can be opened.

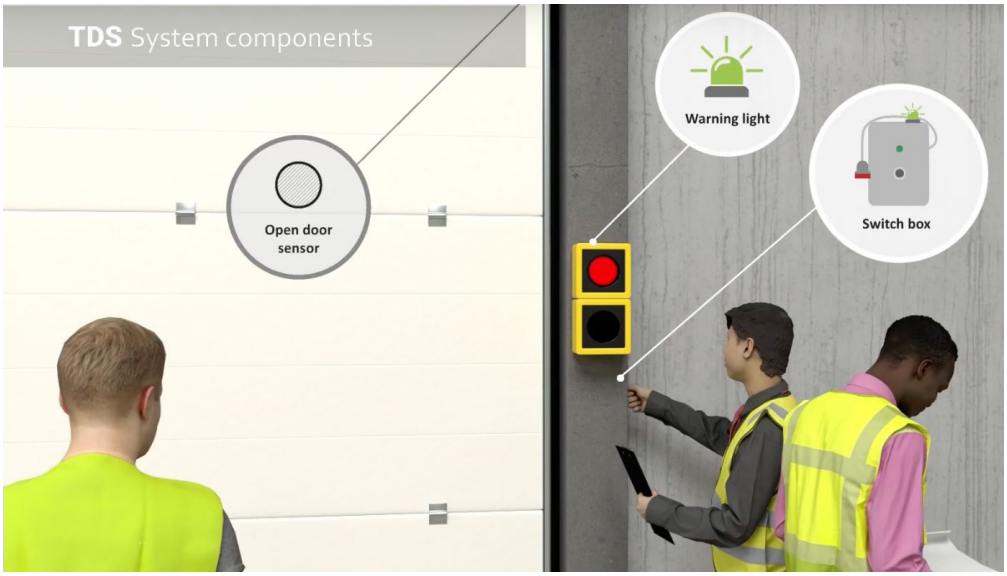
System Components: Outside the dock

- Outside traffic light
- Electronic wheel chock or wedge
- Distance measuring radar
- Detection photocell
- Outside connection box



System Components: Inside the dock

- Switch box with RGB beacon on top
- Open door sensor and audible alarm
- Traffic Light



The ShockWatch range of Accident Prevention Solutions.

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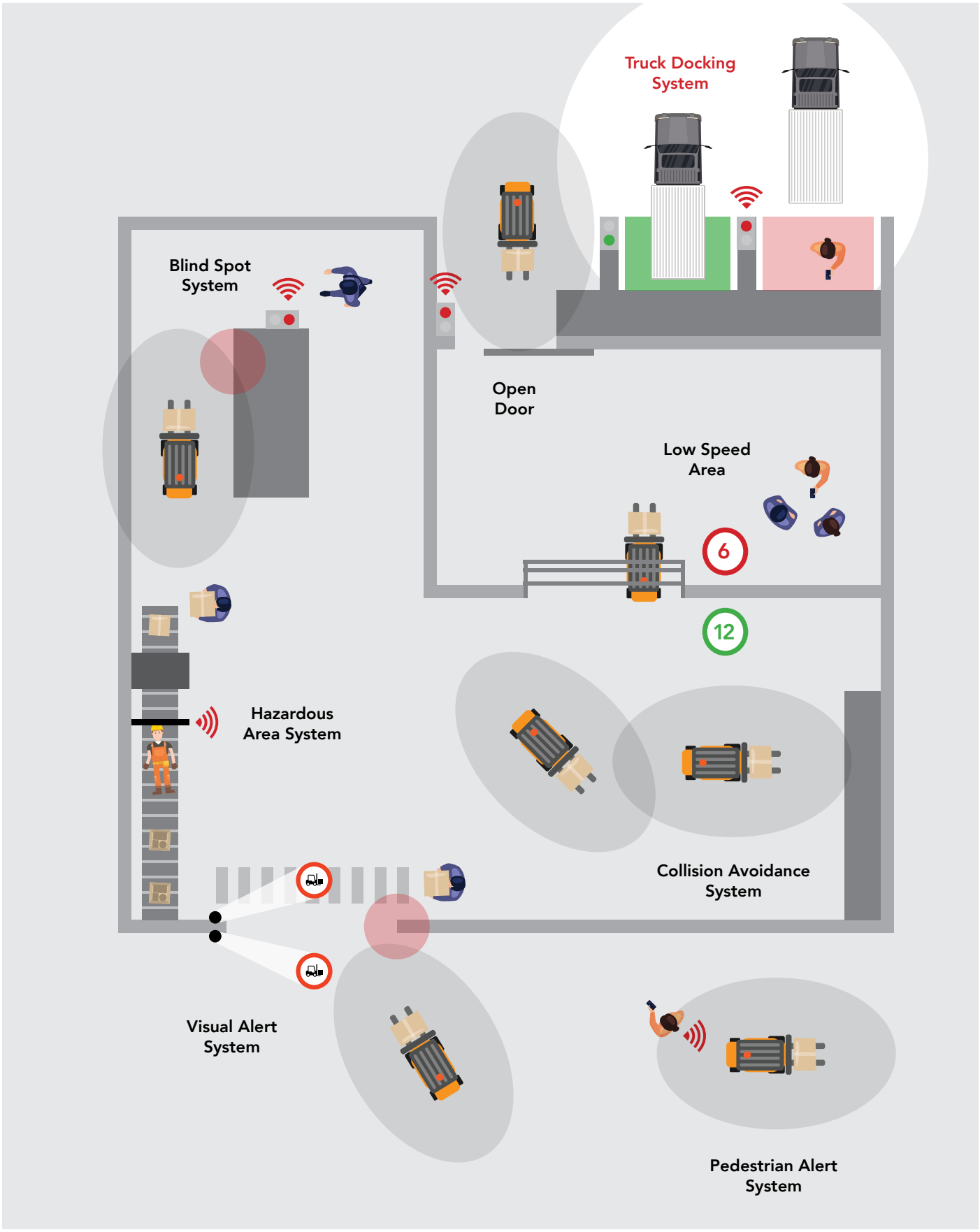

Our Clientele.

SHOCKWATCH®
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Australia

Worldwide

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