



A Better Advance Warning System

CREATING SAFER WORKPLACES

Because the primary **SafeZone** warning element, the ultra-bright battery powered, radio control flashing warning beacons (or IRADs) are so compact, they can be installed in places that other warning beacons can't be; or can't be cost-effectively.

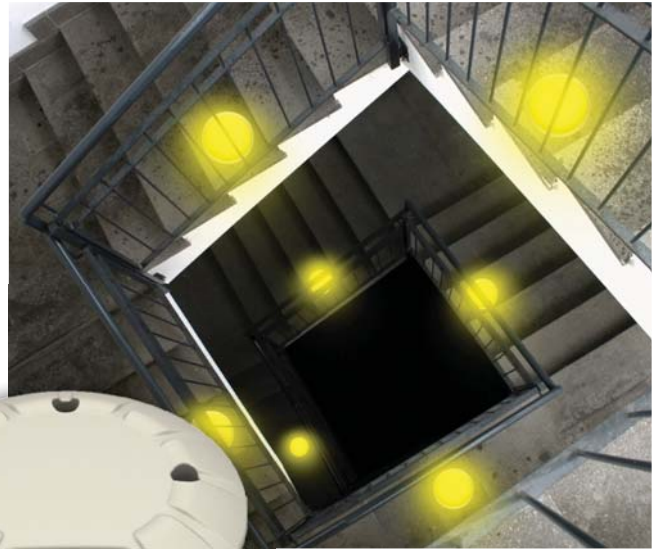
Whether to provide 'breadcrumbs' to guide evacuees to a muster point or fire exit, or to delineate a 'no go zone' in a factory or warehouse, **SafeZone** can be used to enhance a range of hazard or emergency warning systems.

And because it can be activated manually (eg via a 'panic' button) or automatically (eg triggered by an fire/emergency evacuation alarm), it's even more flexible.

SafeZone warning beacons can be installed in concrete slabs, in bitumen or brick/block paving, in stair treads (where boring into the tread doesn't weaken the structure) in or applied to masonry of frame walls (surface mount or semi recessed, depending on wall construction and thickness).

Additionally, **SafeZone** is the ONLY visual warning system that integrates these features:

- wireless (radio) remote control and management/diagnostics
- self-contained, battery-powered, in-road or in-rail flashing beacons
- ultra-bright flashing LEDs for maximum visibility, day or night
- different LED colours (WHITE, AMBER & RED) for different applications
- remotely programmable/reprogrammable beacon flash patterns
- scalable architecture – from 1 to 100 beacons, or more
- local 'smarts' for 'fail active' operation



SafeZone is a revolutionary approach to improving OH&S through better visual warnings.



Ideal for:

- Retail Centres
- Airports
- Hospitals
- Universities
- Industrial Campuses
- Mining
- Ports
- Defence
- Evacuations



HOW DOES IT WORK?

SafeZone comprises three elements:

SafeZone ADC (Alert Device Controller)

- ADCs provide the radio signal that activates the IRADs, as well as receive performance information about the IRADs used for remote management and diagnostics by the controlling road or rail authority.



SafeZone IRADs (In-Road Alert Devices)

- These are the in-road, battery-powered, radio-controlled, remotely programmable, remotely controllable, remotely monitor-able, ultra-bright flashing LED warning beacons installed in the pavement/road.



Sensor Device (Triggers System)

- Motion detectors
- Heat sensor
- Timed solution
- Movement sensor
- Loop detectors
- Pressure sensor
- Presence detectors
- Plate sensor
- Area scanners
- Vehicle detector
- Radar
- Beam sensors
- Proximity detector

SafeZone can be controlled:

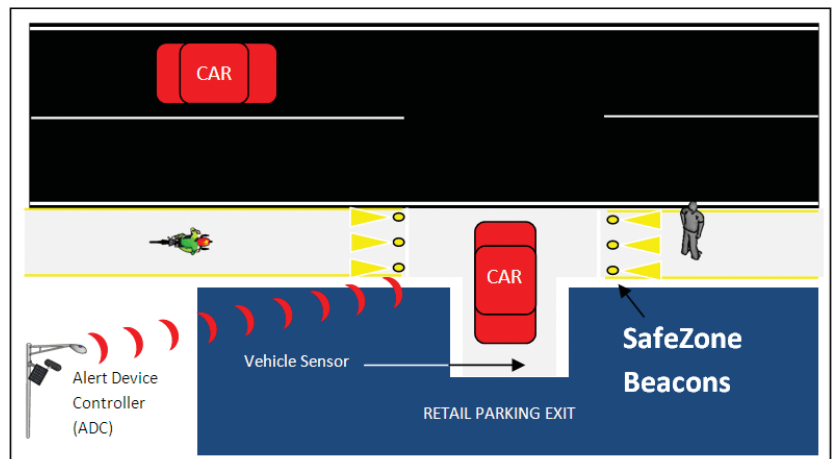
Remotely (eg by a road authority)

- Lights can be activated/deactivated as required
- Flash patterns or start/stop times can be altered for automated operation

Locally (by the local pre-programmed ADC)

- Lights can be activated/deactivated by pedestrians, local sensors (eg ambient light detectors), or other traffic management systems (eg railway crossing control system)

A typical SafeZone installation:



WHY SAFEZONE?

SafeZone:

- Is less expensive to install than hard-wired in-pavement warning lights
- Is more reliable and has greater levels of redundancy due to an array of in-built smarts plus its wireless architecture
- Has an in-field life of between 1 and 5 years, depending on the application and the flashing patterns required
- Is scalable
- Is an out-of-the-box solution
- Can be customised
- Is Australian designed and manufactured
- Is being integrated into other warning solutions developed by other Australian solutions providers