

# Minimise the risk of collisions between forklifts and pedestrians at blind spots



## Blind Spots (BS)

The **Blind Spots (BS)** solution is a system of traffic lights designed to indicate the right of way for forklift drivers and pedestrians.

Both pedestrians and forklifts are fitted with a series of tags or transponders which, upon detection, will trigger a traffic light or similiar to indicate who has the right of way.

The system can be setup so that the forklift and/or the pedestrian can trigger a traffic light or similiar at a blind spot.

The system components can be any of the following:

- RFID activator AC-50 or TZ2 tag mounted on a wall or racking at the blind spot.
- Traffic light or light/buzzer mounted on wall or racking at blind spot driven by the AC-50 or TZ2 tag.
- Personal tag T-10 - worn by pedestrian.
- Forklift tag T'T-50 or PAS kit - mounted on the forklift

### System features:

- Easy implementation by local distributor or installer
- Durable and robust system's components
- Applicable to all types of industrial vehicles
- Detection of trucks and pedestrians in the proximity of the traffic light

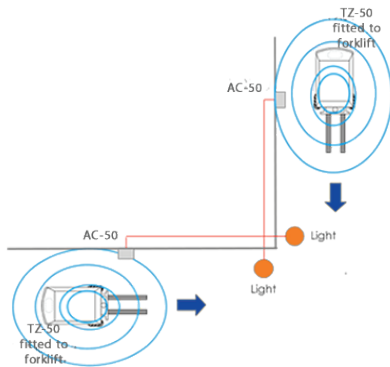
### Areas of Application:

- Confined areas.
- Poor visibility areas at junctions between forklifts.
- Areas with high forklift traffic

How the system works:

Below are different scenarios of how the system can be setup with either the forklift, pedestrian or both triggering lights etc at blind spots.

**FORKLIFT - FORKLIFT CROSSINGS**

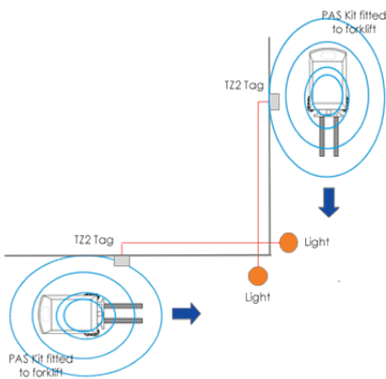


**1. Forklifts trigger a light/sound on either side of wall on approach**

- Forklifts are fitted with a TZ-50 Tag at the rear of the forklift
- An Activator AC-50 is fitted to a wall
- When a forklift comes into range of the Activator AC-50 it will trigger a flashing or traffic light around the other side of the intersection to alert this oncoming forklift that another forklift is approaching

*With this setup a pedestrian will not be detected when in any other area of the facility*

**FORKLIFT - FORKLIFT CROSSINGS**

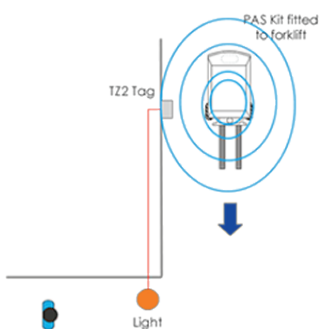


**2. Forklifts trigger a light/sound on either side of wall on approach**

- Forklifts are fitted with a normal PAS kit
- TZ2 Tags are fitted to the wall
- When either forklift comes into range of the TZ2 Tag it will trigger a flashing or traffic light around the other side of the intersection to alert the oncoming forklift that a forklift is approaching

*With this setup a pedestrian will also be detected in the facility*

**PEDESTRIAN - FORKLIFT CROSSINGS**

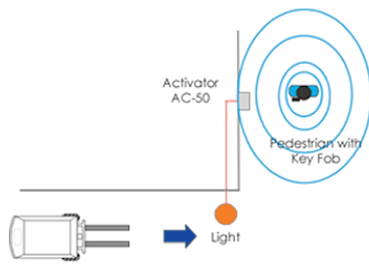


**3. Forklift triggers a light/sound to notify a pedestrian on approach**

- Forklifts are fitted with a normal PAS kit
- A TZ2 Tag is fitted to the wall
- When a forklift comes into range of the TZ2 Tag it will trigger a flashing or traffic light around the other side of the intersection to alert the oncoming pedestrian that a forklift is approaching

*With this setup a pedestrian will also be detected when normally in any other area of the facility*

#### PEDESTRIAN - FORKLIFT CROSSINGS

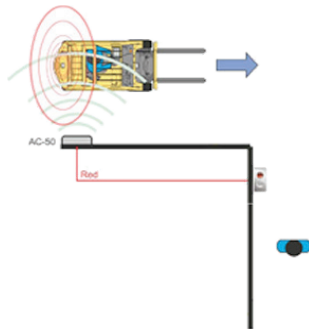


#### 4. Pedestrian triggers a light/sound on approach for forklift

- Pedestrian wears the T-10 key fob
- An Activator AC-50 is fitted to the wall
- When a pedestrian comes into range of the Activator AC-50 it will trigger a flashing or traffic light around the other side of the intersection to alert the oncoming forklift that a pedestrian is approaching

*With this setup a pedestrian will not be detected when in any other area of the facility*

#### PEDESTRIAN - FORKLIFT CROSSINGS



#### 5. Forklift triggers a light/sound on approach for pedestrian

- Forklifts are fitted with a TZ-50 Tag at the rear of the forklift
- An Activator AC-50 is fitted to a wall
- When a forklift comes into range of the Activator AC-50 it will trigger a flashing or traffic light around the other side of the intersection to alert the oncoming pedestrian that a forklift is approaching

*With this setup a pedestrian will not be detected when in any other area of the facility*