



Forklift equipment accidents are costing companies a staggering amount of money in terms of expensive downtime, investigations and increased insurance premiums. Although most forklifts typically have "rotating beacons and beepers" to warn employees and visitors (pedestrians) of their presence to help to lower risk, accidents involving moving forklifts and personnel are still occurring far too often.

Too often, employees become "deaf and blind" to the continuous beacons and beeps and visitors typically do not know what they mean. Also, the forklift operators think that the pedestrians are "looking out for the forklifts".... so they do not look out for the pedestrians.

The 1st Choice **"Look-Out"** system uses the latest Long Range RFID technology to significantly reduce the risk of collision between moving forklifts and pedestrians in the workplace. The system helps to overcome typical risk caused by factors such as driver inattention, poor visibility and worker non-compliance with exclusion areas around forklifts. **"Look-Out"** makes the workplace safer by increasing awareness when employees and visitors are too close to a forklift. The system sets up an invisible safety warning zone around the forklift, providing an audible piezo siren and visual strobe warning alert to both the forklift operator and pedestrian(s) when someone is detected within the programmable warning zone. This creates an opportunity for the driver and pedestrian to take appropriate action to avoid an incident.

1st Choice "Look-Out" Features

- Increase driver and pedestrian awareness
- Alarms available for both driver and pedestrian
- No false alarms
- Does not interfere with normal operator duties
- Provides another layer of safety for your operation
- Clear audible siren warning and visual alert to positively identify risk
- Adjustable exclusion zone radius (typical range programmable from 2m to around 20m)
- Detects personnel wearing RFID Badge Tags
- 360 degree exclusion zone around the forklift unit
- Robust construction for Warehouse, Construction, Logistics and Mining
- Also Forklift to Forklift detection to 20m

Forklift Driver Awareness System

The 1st Choice **"Look-Out"** system consists of the following items:

"Look-Out" Forklift Operator Alert Receiver Kit

The Operator Alert Receiver Kit processes all detected Employee, Visitor and other Forklift Tags, and provide both visual (high visibility LED Strobe and an audible alarm (Piezo Siren) for the forklift driver, which can also be seen and heard by the pedestrians. If requested, Directional RFID Receivers can be provided that will warn the forklift operator whether object is being detected at the front or rear of the forklift.

The **"Look-Out"** Safety Kit includes a remote "snooze-button" for the forklift operator, so that he can "temporarily kill" the Strobe LED and the Siren (or it can be set-up to just kill the Siren) for a programmable time period just like an alarm clock...but he cannot "turn it off". If the pedestrian is still in his Safety Zone when the snooze time ends...the Strobe and Siren will begin again... but he can hit the "snooze button" again and again.



The "Snooze Button" silences the alarms temporarily, enabling the forklift operator to talk with the employee or visitor in his Safety Zone. The alarm output automatically resets when the pedestrian(s) or another forklift moves away from the forklift safety zone. The system operates at 12V/24V (voltage reducer available up to 90V DC).

T-9800 Employee and Visitor Badge Tags

The T-9800 Personal Badge Tag is a small, lightweight device that is worn by Employees and Visitors. The 1st Choice **"Look-Out"** system will only activate when T-9800 Badge Tags are detected within the forklift safety zone. The system is highly immune to self activation or false alarm from other devices. The T-9800 Badge Tags are battery powered and programmed to last 4+ years. The Tag is water resistant and can be worn using Tag Clips for shirts or belts, neck Lanyards, or attached inside or outside a hard-hat. "MotionDetect" Badge Tags (T-9800-M) are also available that will extend the Battery Life of the Tags to 7-10 years.



T-9050 Forklift Operator Badge Tags

The T-9050 Forklift Operator Badge Tag is similar to the T-9800 Tags but includes a special "activation button". When the Operator turns on his forklift, the **"Look-Out"** system will detect his Badge and start the alarm sequence as it does with all the employee and visitor Tags. However, the operator can press the button on his Tag and "marry it" to the system on his forklift. Then, as long as he is operating the forklift, the **"Look-Out"** system will ignore his Badge Tag, but it will still be seen by other forklift **"Look-Out"** systems in the facility if he goes into their safety zone range. If he leaves the forklift to go to lunch or the restroom, when he returns, the **"Look-Out"** alarm will sound again, but he can push the button on his Tag and "re-marry" his Tag to his forklift again. The system can "marry" as many as 10 T-9050 Badge Tags at a time if supervisors or employees are working in a forklift safety zone for extended periods of time.

