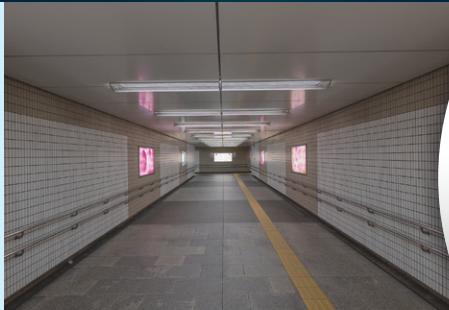


Solan Observation Post

11 Different Applications



1 Operational road



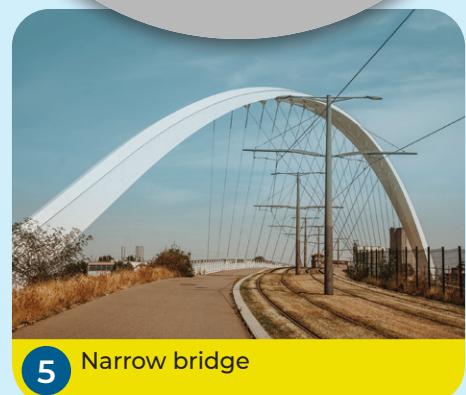
2 Narrow corridor in a factory



3 Descent/ascent to parking area



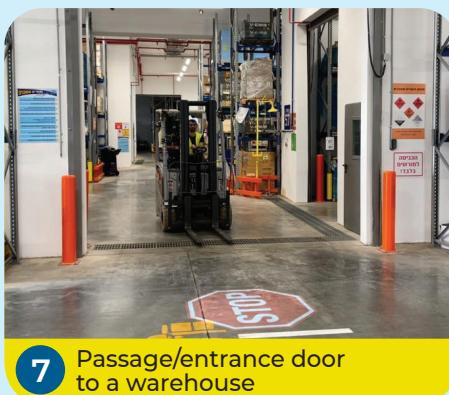
4 Entrance/exit to/from a tunnel



5 Narrow bridge



6 Exit from a corridor/warehouse aisle



7 Passage/entrance door to a warehouse



8 Counting system at the entrance into a dangerous area



9 JOP junction



10 90 degree angle pass



11 Tjunction

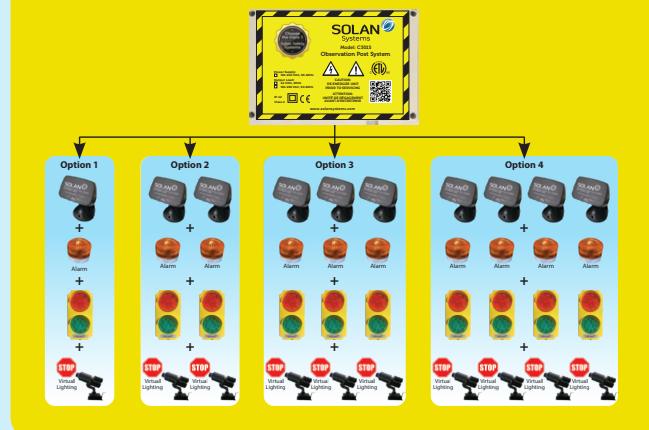
- 1 **Operational road** - Alert using a one-way radar detector, on the arrival of a truck/forklift in an operational area.
- 2 **Corridor passage in the factory** - identification by a radar detector of an entering forklift into a corridor. As long as the forklift is inside the corridor, the traffic light installed at the opposite side shows red until the forklift exits the corridor at the opposite side. This alert is possible in both directions of the passage, using a one-way radar detector.
- 3 **Monitoring of one-way traffic areas** - (ex. parking, internal roads in hospitals etc.) identification of vehicles entering/exiting to a one-way traffic area by using a one-way radar detector. At the entrance of the area the traffic light is red when a vehicle is inside the one-way traffic area, and the green light is on as soon as the way is clear.
- 4 **Entering and passing through a tunnel** - vehicle identification (+ counting using a one-way radar detector) of the number of vehicles entering the tunnel using a traffic light located on the opposite side. As long as a vehicle is inside the tunnel, the traffic light is red until the vehicle exits at the opposite side. This alert is possible in both directions of the tunnel, using a one-way radar detector.
- 5 **Narrow bridge** - vehicle identification (+ counting using a one-way radar detector) entering the bridge using a traffic light located on the opposite side. As long as the vehicle is inside the bridge, the traffic light is red until the vehicle exits at the opposite side. This alert is possible in both directions of the bridge, using a one-way radar detector.
- 6 **Leaving a line** - when a forklift leaves the aisle, identification is done by using a one-way radar detector and warn in advance by: LED warning light + horn / traffic light warning / stop sign projected on the floor.
- 7 **Passing an entrance or exit door to the warehouse** - forklift identification using a one-way radar detector warning to the opposite side (pedestrians / forklifts / electronic pallet movers) by: LED warning light + horn / traffic light warning / stop sign projected on the floor.
- 8 **Counting system at the entrance into a dangerous area** - when a group of people enter electrical rooms / machines / explosive areas / hazardous materials / laboratories, sometimes all alerts are turned off and we don't always know if they all stayed inside or left. The system counts the number of people and notify if everyone is out.*

9 **JOP junction** - forklift identification system, installed at a height of 6 meters from the floor to detect forklift movement from 4 directions. The system includes: 4 radar detectors, 4 traffic lights, a LED warning light + horn as well as a STOP sign projected on the floor (option). When a forklift arrives from direction A, traffic lights turn from green to red for directions B, C, D so forklift in lane A can travel safely. The system will actually recognize each direction, detects the forklift that arrives first at the intersection and activate a green light for it, red light for all the others.

10 **90 degree angle** - Everyone knows the concept of the blind corner. When a person is walking focused on his thoughts or on his phone and suddenly a forklift comes out of nowhere. Solan system knows how to recognize the danger ahead of time and warns: pedestrians / forklifts / electronic pallet movers using: LED warning light + horn / traffic light warning / stop sign projected on the floor.

11 **T junction** - forklift identification system installed at a height of 6 meters from the floor. The system includes: 3 radar detectors, 3 traffic lights, a LED warning light + horn as well as a STOP sign projected on the floor (option). When a forklift arrives from direction A, traffic lights turn from green to red for directions B, C so forklift in lane A can travel safely. The system will actually recognize each direction, detects the forklift that arrives first at the intersection and activate a green light for it, red light for all the others.

4 configuration options for installing Solan Observation Post



* Special detectors for this application

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