



LocaSafe

An intelligent solution for a safe working environment

ABOUT **LocaSafe**

LocaSafe is an innovative proximity warning system that is designed to improve the workplace safety by reducing the risk of vehicle-personnel collisions.

The system consists of vehicle base station and safety brace. It utilizes the Ultra-Wideband (UWB) technology to accurately measure the distance between vehicles and pedestrians. Collision warnings will then be given to both the driver and the pedestrian in case the measured distance is smaller than the predefined limit.

The system is compact, flexible and requires minimal maintains. It is suitable for various vehicles in both indoor and outdoor environments.

Features and capabilities



Anti-Collision
Vehicle | Pedestrian



Anti-Collision
Vehicle | Vehicle



Anti-Collision
Vehicle | Blind spot



Fit for any vehicle



ADAPTIVITY

Adjustable
alarm distance



Event Logging

SYSTEM COMPONENTS



Base Station

- 360° detection coverage
- 0~45m adjustable alarm distance
- Multiple alarm levels



Safety Tag

- One week standby time
- Adjustable alarm distance
- Vibration alarm



Vehicle Data Recorder

- Log near miss event
- Log vehicle operation data
- WIFI data uploading to LocaVMS service

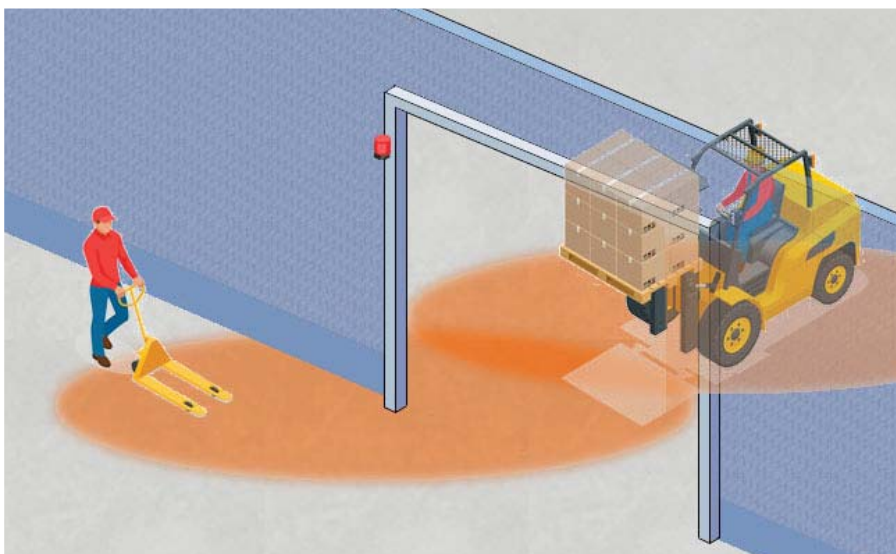


Vehicle to Pedestrian

When a pedestrian enters the hazardous zone of a moving vehicle, the pedestrian receives vibration alarm from his safety tag and the driver receives visual alarm from the base station that is installed on the vehicle.

Vehicle to Vehicle

In case the distance between two vehicles are smaller than a pre-defined critical distance, both drivers receive visual alarm from the vehicle base station.



Blind Spot

When a moving vehicle is close to a blind spot, the base station that is stationary installed on the blind spot, triggers alarm to notify the pedestrians in the surrounding area about the approaching vehicle.

LocaVMS MANAGER



Personnel Data



Driver Data



Alarm Event



Vehicle Data



Equipment Info



Cloud Based Data Analysis Service

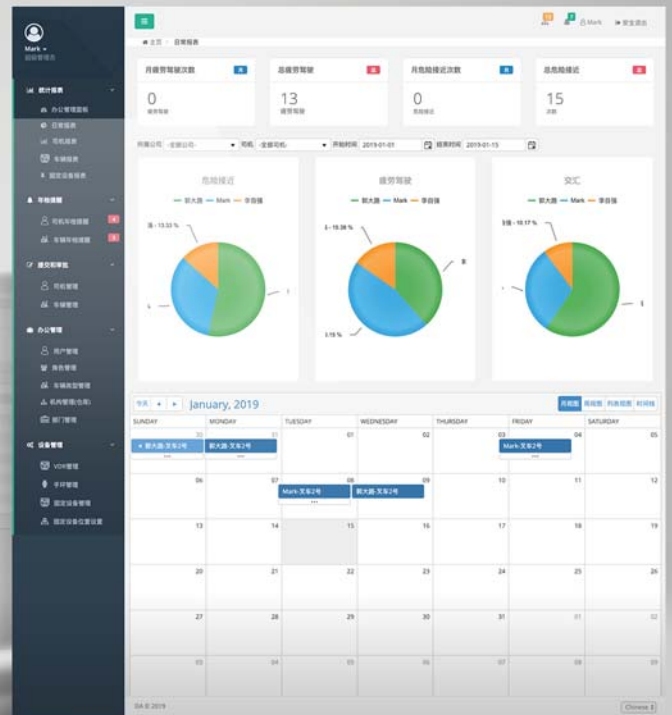
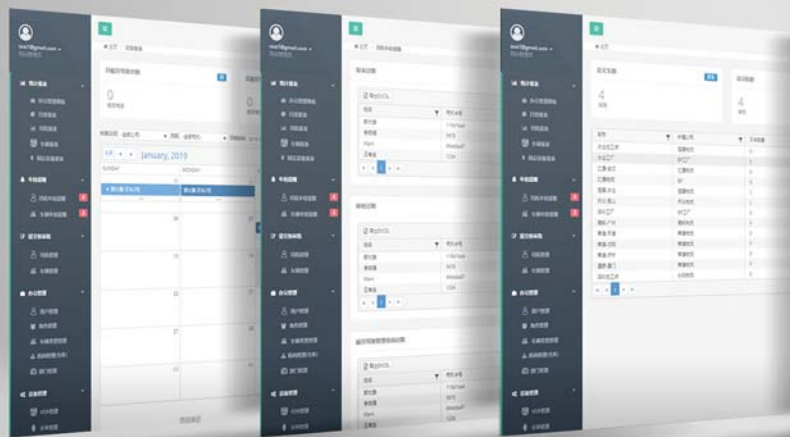
Risk Analysis

Trend Analysis

Driver Evaluation

Statistic Report

Maintenance Reminder



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