INTELLIGENT WARNING SYSTEM
FOR BUS & HEAVY VEHICLE
Be Alerted, For A Safe Drive

Leveraging the latest in artificial intelligence and sensor technology, DriveSafe is an innovative road safety system that comprises an internal and external warning system to alert both vehicle drivers and road users for enhanced situational awareness and road safety. Ideal for use on buses and heavy vehicles, the system is being implemented on Singapore public buses.

**Blind Spot Detection**
The system provides Blind Spot Detection at both sides of the vehicle and is useful when pedestrians, cyclists or motorcyclists breach the safety zone and move too close to the vehicle. Equipped with adaptive technology, the detection zone is adjusted when the vehicle turns.

**Lane Departure Detection**
In event of unintentional action, the result of driver fatigue or distracted driving, the system will alert the driver about a change of lane taken by the vehicle.

**Frontal Detection**
There are two levels of detection for objects in front of the vehicle – a longer range Warning Zone and a closer range Danger Zone.

**How It Works**
Sensors are strategically positioned around the vehicle. These are connected to an intelligent system which processes data input and issues warnings in the form of visual cues (amber, red warning lights) and audio signals (beeps of varying intensity).