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Some of the brands using Mobileye systems:

- BMW
- Chrysler
- Ford
- GM
- Honda
- Hyundai
- Jaguar
- Kenworth
- Mercedes-Benz
- MINI
- Nissan
- Volvo

Collision Avoidance System
Protecting Your Fleet and Your Bottom Line
Reduce Accidents, Save Money and Keep Your Drivers Safe

The Mobileye® Collision Avoidance System is the latest technological advancement for preventing vehicle crashes — and the only system in the industry to incorporate truly comprehensive real-time warnings and alerts. Utilizing an intelligent vision sensor that works like a bionic eye, the system identifies a diverse and extensive variety of potential threats on the road, such as vehicles, cyclists, pedestrians and more. The distance and relative speeds of these objects are continuously measured to calculate the risk of your driver colliding with them. Even lane markings and traffic signs are detected. When danger is imminent, visual and audible alerts warn the driver to make necessary corrections in sufficient time to avoid potential collisions or mitigate their severity.

Fleet managers have installed our trusted collision avoidance system in some of the world’s best-run fleets, including cars, trucks, service vehicles and taxis, in both rural and urban environments. Many global organizations have experienced significant reductions in incidents, collisions and associated costs. Your fleet can accomplish the same.

**Telematics Integration:** The system generates data that can be exported to 3rd party telematics and fleet management systems, enabling enhanced visibility of your fleet as well as greater insight into driver behavior. All alerts are available via the Mobileye CAN channel for telematics and 3rd party integrators.

**System Recognizes:**
- Cars, Trucks, Motorcycles, Bicycles, Pedestrians
- Lane Markings and Speed Limit Signs

**System Warnings and Features**

- **Forward Collision Warning**
  Alerts the driver to an imminent rear-end collision with a car, truck or motorcycle moving at any speed.
- **Headway Monitoring/Following Time**
  Alerts the driver when following time becomes critically short.
- **Lane Departure Warning**
  Alerts the driver if vehicle leaves the lane without use of the turn signals.
- **Pedestrian and Bicycle Collision Warning**
  Alerts the driver of an imminent collision with a pedestrian or bicyclist.
- **Intelligent High-Beam Control**
  Automatically turns the high-beams on/off depending upon the level of light and relative distance from other traffic.
- **Speed Limit Indicator**
  Notifies the driver if the vehicle exceeds the posted speed limit.
- **Bluetooth® connectivity standard**

**Optional Enhancement Features**

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**Governing and Regulating Agencies Agree**

- The Federal Motor Carrier Safety Administration (FMCSA)
  - Adopts the voluntary adoption of collision avoidance systems to improve fleet safety.
- The National Transportation and Safety Board (NTSB)
  - Issues collision avoidance systems on Most-Wanted Top Ten Advisory List.
- The National Highway Traffic Safety Administration (NHTSA)
  - Tracks collision avoidance systems as part of their 5-star safety rating program.

**Collision Avoidance Technology Addresses the Main Causes of Accidents**

According to the National Highway Transportation and Safety Administration (NHTSA), Department of Transportation (DOT) and the Virginia Tech Transportation Institute:
- 93% of all accidents are due to human error with driver inattention being the primary cause.
- Nearly 74% of all accidents involve driver distraction three seconds prior to an incident.
- 40% of rear-end collisions have no brake application whatsoever.
- 60% of road accident fatalities are due to unintentional lane departure.

**Cost Reduction**

C.R. England has achieved a 37% reduction in crash costs per mile traveled.

**Accident Reduction**

A pilot involving 2,000 trucks driving 47 million miles resulted in zero accidents vs. the average of 11-13 accidents.

**Connectivity with Telematics**

Gives fleet managers critical insight into driving behavior.

**Minimize Risk, Increase Safety and Improve Your Bottom Line**

…and the system typically pays for itself in only 12 months or less* — with no driver training necessary.

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Collision Avoidance Technology Addresses the Main Causes of Accidents

According to the National Highway Transportation and Safety Administration (NHTSA), Department of Transportation (DOT) and the Virginia Tech Transportation Institute:

- 93% of all accidents are due to human error with driver inattention being the primary cause
- Nearly 70% of all accidents involve driver distraction three seconds prior to an incident
- 40% of rear-end collisions have no brake application whatsoever
- 60% of road accident fatalities are due to unintentional lane departure

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Minimize Risk, Increase Safety and Improve Your Bottom Line

- Fleet operations of all sizes experience tangible and measurable advantages as a result of deploying this advanced technology, including:
  - Immediate reduction in collisions and close calls
  - Improvements in driver behavior that continue long term
  - Reduced insurance premiums and fines for non-compliance
  - Lower fuel and maintenance costs
  - Improved CSA scores

...and the system typically pays for itself in only 12 months or less* — with no driver training necessary.

Optional Enhancement Features

- The following optional features can be incorporated to further reduce accidents:
  - Automatically muting the car radio
  - Instantly deactivating factory cruise control
  - Adding any function for a 3rd party device that has a discrete input
  - Integrating with older vehicles
  - Incorporating theft warnings that provide tactile alerts; for example, a driver’s seat or steering wheel can be outfitted with a vibrator that can be set to various strengths, frequencies and patterns

System Warnings and Features

- **Forward Collision Warning**
  - Alerts the driver to an imminent rear-end collision with a car, truck or motorcycle moving at any speed

- **Headway Monitoring/Following Time**
  - Alerts the driver when following time becomes critically short

- **Lane Departure Warning**
  - Alerts the driver if vehicle leaves the lane without use of the turn signals

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- **Intelligent High-Beam Control**
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Collision Avoidance Technology Addresses the Main Causes of Accidents

According to the National Highway Transportation and Safety Administration (NHTSA), Department of Transportation (DOT) and the Virginia Tech Transportation Institute:

- 93% of all accidents are due to human error and driver distraction being the primary cause.
- Nearly 75% of all accidents involve driver distraction three seconds prior to an incident.
- 40% of rear-end collisions have no brake application whatsoever.
- 40% of road accident fatalities are due to unintentional lane departure.

Governing and Regulating Agencies Agree

- The Federal Motor Carrier Safety Administration (FMCSA)
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SOME OF THE BRANDS USING MOBILEYE SYSTEMS

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