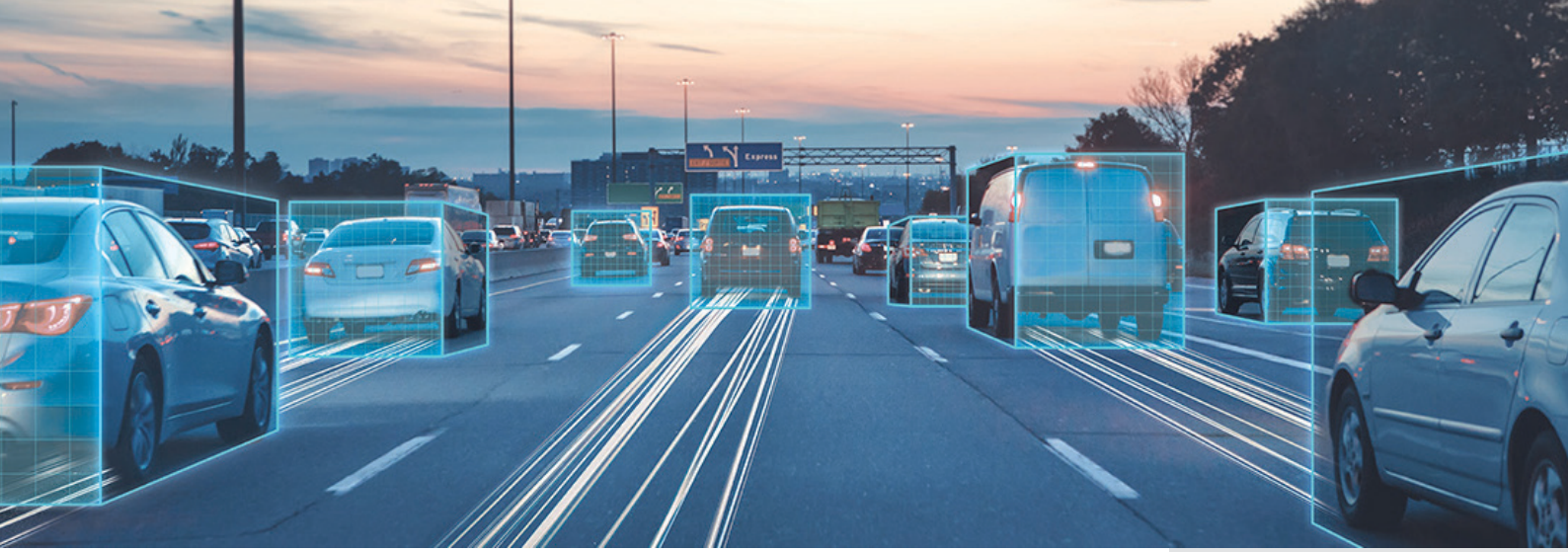


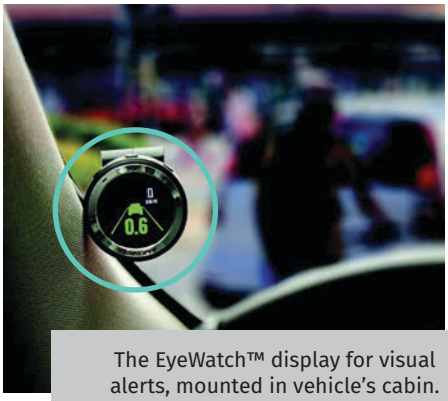
MOBILEYE™

Mobileye reduces the risk of a collision by warning the driver with visual and audio alerts in near-real time, helping to provide the critical seconds needed to mitigate or completely avoid a collision.

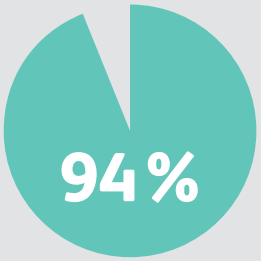
The vision sensor scans the driving scene ahead and detects other vehicles, pedestrians, cyclists, lane markings and speed signs that may be in the vehicle's path.

Mobileye is an after-market solution which can fit simply into most vehicles. When combined with the power of MTData's telematics solutions, you gain superior protection, actionable insights and improved driver performance.

The camera unit containing the camera, EyeQ™ chip, and speaker, mounted on the inside of the windshield



The EyeWatch™ display for visual alerts, mounted in vehicle's cabin.



94% of accidents are caused by minor driver error[1]

Nearly **80% of crashes** involve driver inattention within three seconds before the event[2]

Improve driver performance

Actionable insights

Reduce hidden costs

Avoid heavy penalties

2 seconds of warning

could prevent nearly all forward collisions[3]

1. Singh, S. (2015, February). Critical reasons for crashes investigated in the National Motor Vehicle Crash Causation Survey. (Traffic Safety Facts Crash•Stats. Report No. DOT HS 812 115). Washington, DC: National Highway Traffic Safety Administration.
2. U.S. Department of Transportation, National Highway Traffic Safety Administration. (2006). The 100-Car Naturalistic Drive Study: Phase II—Results of the 100-Car Field Experiment (DOT HS 810 593). Springfield, VA: National Technical Service.
3. AXA Winterthur. (2009) Accident Research.

MTData
A Telstra Company

www.mtdata.co.nz
0800 683 282
enquiries@mtdata.co.nz

MOBILEYE SOLUTIONS

25+ global automakers
rely on Mobileye technology to make their vehicles safer

32m+ vehicles
worldwide are equipped with Mobileye technology

Mobileye 6 Series

Collision avoidance system that assists with avoiding or mitigating collisions, not available with built-in dash cams.

Mobileye Shield+™

Collision avoidance system with blind spot detection, designed specifically for trucks, buses and other large vehicles to detect pedestrians and cyclists operating in urban environments. It also includes all of the features of the Mobileye 6 Series.

Multiple lifesaving features in one system

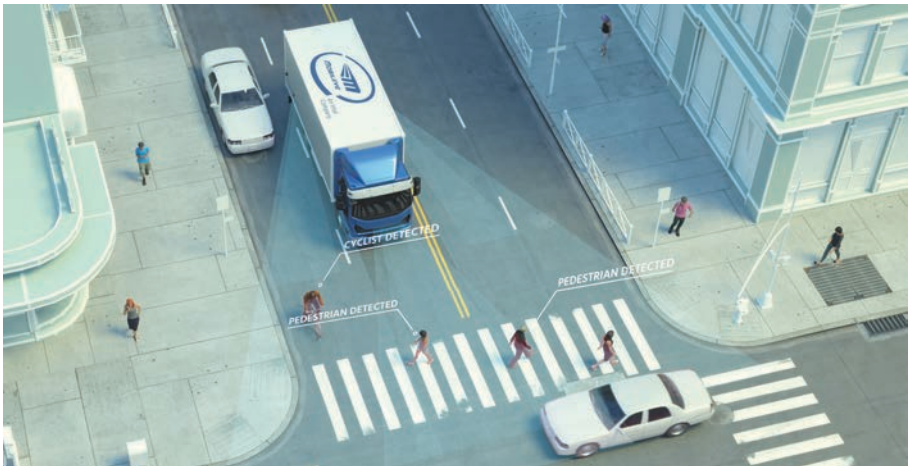
Pedestrian and cyclist collision warning
The PCW alerts the driver up to 2 seconds before imminent collision with a pedestrian or cyclist ahead, allowing the driver time to react.[1,3]

Forward collision warning
The FCW alerts the driver up to 2.7 seconds before an imminent collision with a vehicle or motorcycle ahead.

Lane departure warning
The LDW alerts the driver with visual and audio warnings when there is an unintentional deviation from the driving lane without signalling.

Headway monitoring and warning
HWM assists the driver in keeping a safe driving distance from the vehicle in front, by issuing an alert when the headway distance to the vehicle ahead becomes dangerous (less than 2 seconds).

Speed limit indicator
The system detects speed limit signs and notifies the driver when the last speed sign has been passed. The SLI provides an alert when the vehicle's speed exceeds the posted speed.[2]



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1. The Mobileye solution will not necessarily register cyclists or pedestrians when travelling over 50Km/h or in low light conditions;
2. The speed alert may give false positive readings when it picks up on speed signs that are only applicable at certain times of the day, e.g. in school zones
3. The Mobileye Shield+™ cameras will not pick up pedestrians or cyclists less than 1m in height.