

# The Importance of In-Vehicle Safety Technology

Saul Rosen January 10, 2018



**Automotive technology is advancing with innovations including collision avoidance systems, rear-view cameras, and blind spot warnings that have reduced injuries and fatalities.**

([Newswire.net](#) -- January 10, 2018) -- In-vehicle safety technology is aimed at safeguarding the security of the vehicles and the passengers. There has been rapid evolution of the technology, leading to the development of various innovations that include

collision avoidance systems, rear-view cameras, and blind spot warnings, among others. All these have made the number of fatalities and injuries from the accidents on the roads reduce significantly. Technological advancements such as crash avoidance system used to be a preserve of the high-end vehicles but have now become common even on the everyday car.

Vehicle owners, especially those who own fleets, should consider installing in-vehicle safety technologies to promote the safety of their car, besides reducing so many costs. The fleet owner can consider [EyeRide products](#) for the best in-vehicle safety technology that will ensure the safety of the driver, the vehicle, and the cargo and passengers on board.

Read on for a discussion on the various vehicle safety technology innovations and their importance.

## Collision avoidance system and emergency braking system

Drivers are bound to get distracted while on the road. In the current times, distractors seem to be on the rise. The distractions could be from within such as mind drifting to other things, or from external things like being distracted by a cell phone or adjusting the vehicle music system. Indeed, data from reliable sources show that at least eight people perish on the road, and a minimum of 1000 suffer injuries on the US roads on a daily basis due to driver distractions.

The collision avoidance innovations have greatly helped reduce the number of the deaths and injuries on the road. Vehicles fitted with front crash protection have been observed to be unlikely to hit other vehicles at the back than those vehicles without such technology. When combined with automatic emergency braking systems, the collision avoidance technology has been seen to be very useful in preventing many crashes that could possibly be a result of drivers' distraction.

For greater effectiveness of this technology, there is a need for an open discussion between the fleet managers and the drivers to make them aware and cognizant of the usage of the technology and other safety concerns.

## Alerts on over-speeding

Another innovative in-vehicle safety technology is a speed alert that makes the driver aware when exceeding limits. This helps with avoiding speed-related accidents. Such alerts will also ensure that fleet vehicles do not get delayed due to accidents or cases involving over speeding.

## Blind spot monitors

This continuously monitors the areas you cannot see on the sides of your automobile to avoid crashing with vehicles in the adjacent lanes. It greatly reduces the accidents that occur due to inability to see other vehicles in good time.

## Lane support systems

These will alert you when you unintentionally change the lanes or when you leave the lane with no indication. This technology helps you to rectify the course of your car on the road and avoid possible incidents due to unintended change of lane or when other drivers have not been alerted about your change of lane.

## Rollover protection

Accidents involving vehicles rolling over often have very damaging and occasionally fatal results. The rollover protection detects any factors that can lead to the vehicle flipping over such as accelerating around bends or instantaneous swerving of the car. It significantly decreases the speed to avert a rollover.

Source: <http://newswire.net/newsroom/blog-post/00099382-the-importance-of-in-vehicle-safety-technology.html>