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## Post

Transport



## Connected Cars diminishing driver concerns

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So far, much of the hype about connected cars has been the improved entertainment and navigation features. However, the most innovative improvements may benefit driver safety, although probably a few years may have to pass so we can see how some of this innovations become a reality.

Majority of crashes occur due to distracted drivers. Connected cars could eliminate this problem by alerting drivers when they are too close to another car. If the drives does not react to the alert, the car will automatically maneuver to avoid a collision.

According to Mother Nature Network, with cars connected to one another, drivers will no longer rely solely on what they see. Motorists will know when the car in front of them is turning or changing lanes, even before seeing it happen.

Smartphones are a major cause of diverted attention while driving. A new product called, ORIGOSafe, could mitigate this issue. A car installed with ORIGOSafe will not start unless the owner's phone is plugged into the gadget. Calls can be received using Bluetooth, but other features are inaccessible. If the phone is removed while driving, an alarm will sound and the car will not start on the following trip unless an administrator, such as a parent or manager, unlocks the feature.

Other information transferred between cars to improve road safety will include traffic information such as roadwork in the area, traffic jams, and emergency vehicles approaching.

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Connected cars will also transmit information to mechanics and emergency teams. It is possible that connected cars will have the capabilities of monitoring their own performance and sending information to mechanics when maintenance is needed, very much in the same way that it is already done in <a href="Formula 1 cars">Formula 1 cars</a>. This exchange of information will take place before the driver notices there is an issue. If there is an accident or a car breaks down, an emergency team or tow truck will be contacted without the driver needing to make a phone call.

While some of these technologies are still in development, a fully connected car is more a real thing than matter of science-fiction: according to <u>Bloomberg</u> there could be 210 million connected cars on the road by as early as 2016.



VIDEO

http://m2m.telefonica.com/m2m-media/m2m-blog/item/506-connected-cars-diminishing-driver-concerns



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