With the increase of urban population and traffic the advancements of mobility technologies are gaining speed and importance. Connected vehicles have the potential to increase the safety on the road and improve the traffic flow. Investigations predict that 75 percent of all new shipped cars in 2020 will be connected to the internet.

The backbone of wireless high-speed V2V and V2X communication are antennas. In modern cars we find up to 30 antennas placed on and inside the vehicle. To ensure their compatibility and reliable function even before the car is actually on the road, engineers need efficient tools to design, assess and optimize antenna performance already during their development.

https://www.fool.com/investing/general/2016/03/06/connected-cars-in-the-next-decade-4-numbers-everyo.aspx
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