

Expway Drives Successful V2X Demos With Vodafone

Demos show why LTE Broadcast is a prerequisite for safe and efficient connected-cars and 5G Mobility.

Aldenhoven, Germany ([PRWEB](#)) September 01, 2017 -- Expway, the LTE Broadcast industry specialist and leader, is driving the adoption of 5G Mobility, by successfully showcasing how connected-cars are made safer and more comfortable with LTE Broadcast. Expway conducted two successful data broadcast demos during the opening of Vodafone's 5G Mobility Lab, at the Aldenhoven Testing Center (ATC).

Cars need increasingly voluminous software to operate safely. In 2025, connected cars will feature more than 125 ECUs (Electronic Control Units) running in excess of 100 Million lines of code each. Roughly half of all automotive recalls in the U.S. today are software-related. Updating this software is an iterative process with errors and retries that can take weeks over the air, or that is done infrequently, when a car is taken to the car dealer. Delaying these updates represents serious safety risks. This problem becomes more critical in the case of connected-cars. According to estimates, there will be 80.7 Million connected cars by 2021, and all cars sold will be connected by 2025.

The first demo showcased that when LTE Broadcast is used to deliver sizeable firmware and HD maps updates to a large vehicle fleet, the process is extremely rapid and economical. LTE Broadcast was designed for massive scale, meaning that millions of cars can be updated simultaneously with as little bandwidth as one traditional unicast download.

Connected and autonomous cars will also create spare time for drivers and passengers, becoming a new hub for content consumption. The second demo showed that LTE Broadcast is the perfect way to deliver large amounts of content to multiple cars reliably, no matter if they are travelling at high speeds on the Autobahn, or if they're stuck in a traffic jam. Expway delivered live HD TV channels and Video On-Demand over LTE Broadcast to a moving car. A user in the travelling car could switch from one channel to another, as easily as on the couch at home, with perfect reception.

“Connected-cars will absorb and broadcast more and more data, “ said Claude Seyrat, Expway co-founder and CMO. “LTE Broadcast is the only technology that can ensure that millions of cars are quickly and securely upgraded with the latest software updates, traffic information and entertainment, for the safety and comfort of all passengers”.

About Expway

Expway is the LTE Broadcast expert, enabling mobile carriers, device manufacturers, and content delivery networks to monetize the mobile video-streaming explosion. Expway delivers content efficiently and cost effectively through the last mile, from the mobile carrier antenna to the end-user device, with consistent high-quality-of-experience. Expway is the only vendor to offer a complete end-to-end, open solution, providing both the LTE-Broadcast server and the device middleware. For more information visit www.expway.com.



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