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New *iGR* white paper discusses connected vehicles and autonomous driving

White paper discusses the technology ecosystem that supports both functionalities, including V2X and C-V2X

AUSTIN, Texas, January 10th, 2018 – Connected vehicles and autonomous driving are like two parallel roads that will, eventually, converge. That said, it is imperative to understand that connected vehicles are not the same as automated vehicles nor are either the same as autonomous driving.

The term connected vehicle applies to vehicle-to-everything (V2X) technologies that use either DSRC or C-V2X to exchange information (basic safety messages) and then warn a vehicle's human driver about an impending danger. An automated vehicle, however, is one in which some of the driving tasks have been automated. Completely autonomous driving—where the vehicle drives entirely by itself—is being tested by numerous companies around the world. Some very limited commercial deployments are currently in use in some cities

"Connected vehicles and autonomous driving converge around safety," said Iain Gillott, president and founder of *iGR*, a market research consultancy focused on the wireless and mobile industry. "However, in addition to safety, there are many potential economic and societal benefits."

In its most recent white paper, [The Connected Car Landscape](#), *iGR* discusses V2X, autonomous driving, the communication technologies that enable V2X, the benefits of V2X and autonomous driving, as well as the regulatory landscape around V2X.

The following key questions are addressed in the white paper:

- What is V2X and what are the two ways to implement it?
- What are several subset categories of V2X?
- What is DSRC?
- What is C-ITS, the Cooperative Intelligent Transport System?
- What is C-V2X and in what bands does it operate?
- What are the different levels of autonomous driving?
- What defines a highly automated vehicle (HAV)?

- What tests and trials for connected vehicle (CV) and autonomous driving (AD) have been deployed?
- What are the potential benefits of CV and AD?
- What policies and regulations are in place by various worldwide governments?

iGR's new white paper, [The Connected Car Landscape](#), can be downloaded at no charge directly from *iGR*'s website.

About *iGR*

iGR is a market strategy consultancy focused on the wireless and mobile communications industry. Founded by Iain Gillott, one of the wireless industry's leading analysts, in late 2000 as *iGillottResearch*, *iGR* is now in its eighteenth year of operation. *iGR* continuously researches emerging and existent technologies, technology industries, and consumer markets. We use our detailed research to offer a range of services to help companies improve their position in the marketplace, clearly define their future direction, and ultimately improve their bottom line.

iGR researches a range of wireless and mobile products and technologies, including: smartphones; tablets; mobile wearable devices; connected cars; mobile applications; bandwidth demand and use; small cell and het-net architectures; mobile EPC and RAN virtualization; DAS; 5G NR; LTE; VoLTE; IMS; NFC; GSM/GPRS/UMTS/HSPA; CDMA 1x/EV-DO; iDEN; SIP; macro-, pico- and femtocells; mobile backhaul; WiFi and WiFi offload; and SIM and UICC.

A more complete profile of the company can be found at www.igr-inc.com.