



Contact *iGR*

Iain Gillott

iain@iGR-inc.com

New *iGR* study estimates the cost of deploying Cellular V2X in the U.S.

Study also provides a discussion of C-V2X technology and applications

AUSTIN, Texas, August 2nd, 2021 – Vehicle-to-everything (V2X), an ecosystem of products and services that allows vehicles to communicate with their surrounding environments, spans various technologies. Cellular V2X (C-V2X) refers to the use of licensed cellular frequency bands and the unlicensed 5.9 GHz band.

In the last several years, cellular-based V2X appears to have become the preferred choice for V2X. C-V2X provides communication among roadside units and onboard (in-vehicle) units over 5.9 GHz spectrum in the U.S.

iGR, a market research consultancy focused on the wireless and mobile and digital infrastructure industries, has just released a new market study that discusses the C-V2X ecosystem and provides a cost estimate of deploying C-V2X in the U.S. for certain use cases.

“*iGR* expects it will take some time for the C-V2X market to materialize,” said Iain Gillott, president and founder of *iGR*. “However, C-V2X has great potential and the opportunity is real.”

iGR’s market study, [The Opportunity for C-V2X in the U.S.](#), provides a detailed discussion of the C-V2X ecosystem, including its architecture, applications, stakeholders, benefits and challenges. Included in the market study is an estimate for the cost of deploying C-V2X roadside units along U.S. roads and at intersections, along with the cost of deploying some basic C-V2X use cases.

The following key questions are addressed in the new study:

- What is C-V2X and some of its expected use cases?
- Who is driving C-V2X?
- Who are the major C-V2X stakeholders?
- What are some of the key benefits associated with C-V2X?
- What are some of the key challenges associated with deploying C-V2X?
- What standards are associated with C-V2X?

- What is the basic C-V2X network architecture?
- What are roadside units?
- What are onboard units?
- What are some example V2X deployments in the U.S.?
- What might the cost be to deploy C-V2X RSUs alongside U.S. roads?
- What might the cost be to deploy C-V2X RSUs at U.S. intersections?
- What might be the costs associated with deploying several basic C-V2X use cases?

The information in this market study will be valuable for:

- Mobile operators
- Mobile device OEMs
- Mobile service and application developers
- IoT vendors and solutions providers
- Infrastructure OEMs
- Financial analysts and investors.

The new market study can be [purchased](#) and downloaded directly from *iGR*'s website at www.iGR-inc.com. Alternatively, contact Iain Gillott at iain@iGR-inc.com for additional details.

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 twenty-first 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: 5G, 4G LTE, smartphones, tablets, connected cars, V2X and V2V, mobile applications, bandwidth demand and use, 5G small cell and het-net architectures, 5G new core virtualization, mobile EPC and RAN virtualization, edge computing, in-building wireless, CBRS, mmWave, spectrum farming, DAS, VoLTE, macro-, pico- and femtocells, mobile front/backhaul, WiFi and WiFi offload, and enterprise private LTE/5G.

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