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New *iG*R study provides a five-year Total Cost of Ownership for Private LTE deployed on CBRS spectrum

Study focuses on U.S. commercial, manufacturing and energy buildings

AUSTIN, Texas, May 5th, 2020 – The availability of CBRS spectrum in the U.S. has driven new interest in enterprise in-building private LTE networks. Over the next five years, many private LTE networks using CBRS spectrum are expected to be deployed in U.S. enterprises in commercial, manufacturing and energy buildings.

How much will it cost to deploy and operate the expected number of CBRS private LTE networks in these U.S. buildings? *iG*R, a market research consultancy focused on the wireless and mobile industry, has just released a market study that answers this question with a Total Cost of Ownership (TCO) model.

"Private LTE networks deployed on CBRS spectrum allow enterprises to support new applications and use cases, have better control over their users and devices, and provide extended coverage and capacity in areas that are only relevant to the enterprise," said Iain Gillott, president and founder of *iG*R. "*iG*R expects that these benefits and the availability of CBRS spectrum will drive enterprises to spend significantly over the next five years to build and operate these in-building networks."

*iG*R's new market study, **U.S. CBRS Private LTE: *A Five Year TCO for Commercial, Manufacturing and Energy Buildings***, provides the Total Cost of Ownership to deploy enterprise private LTE networks on CBRS spectrum in specific U.S. buildings. The TCO model, which includes both initial network build spend and operational spend over the five-year period between 2019 and 2024, estimates costs for U.S. commercial buildings, split by 15 principal building activities; manufacturing buildings, split by 21 principal products; and energy buildings, split by nine types of power plants and two types of refineries and mines. In addition to the forecast, the market study discusses the drivers of CBRS and enterprise private LTE networks.

The following key questions are addressed in the new market study:

- What is CBRS spectrum and how is it licensed?
- Why is an enterprise likely to deploy a private LTE network on CBRS?

- How much will it cost to deploy and operate the expected number of CBRS private LTE networks in U.S. commercial buildings? And how is the cost split by the principal activity of the building?
- How much will it cost to deploy and operate the expected number of CBRS private LTE networks in U.S. manufacturing buildings? And how is the cost split by the principal products being manufactured?
- How much will it cost to deploy and operate the expected number of private LTE networks in U.S. energy buildings, including power plants, mines and refineries? And how is the cost split by the energy sources of the power plants and the types of refineries and mines?

The information in this market study will be valuable for:

- CBRS solution vendors
- Third party integrators building IBW networks
- Mobile operators
- Mobile infrastructure OEMs
- Wired and wireless backhaul vendors and solution providers
- Backhaul service providers and equipment OEMs
- Financial analysts and investors.

The new market study can be purchased and downloaded directly from *iG*R's website at www.*iG*R-inc.com**.** Alternatively, contact Iain Gillott at Iain@*iG*R-inc.com for additional details.

About *iG*R

*iG*R 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 *iG*illottResearch, *iG*R is now in its twentieth year of operation. *iG*R 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.

*iG*R 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.

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