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New *iGR* study provides a five-year forecast of mobile bandwidth in commercial buildings by floor

Study also forecasts mobile usage in the buildings by vertical industry

AUSTIN, Texas, November 1st, 2019 – Mobile LTE networks do not generally cover the higher floors of tall buildings very well. Not only do the walls block LTE signals but the networks are generally designed to provide coverage and capacity at ground level.

Because the amount of mobile data used inside commercial buildings has implications for in-building wireless (IBW) systems, *iGR*, a market research consultancy focused on the wireless and mobile industry, has just released a new market study that provides a detailed picture of mobile bandwidth usage in commercial buildings with a five-year forecast of mobile bandwidth usage by floor and by vertical industry.

“The amount of mobile data used inside commercial buildings is important to understand, especially for providers who are looking to build systems and then sell that capacity to mobile operators,” said Iain Gillott, president and founder of *iGR*. “Our forecast provides a very detailed view of not only how much data is being used by U.S. workers, but exactly where the data is being used, both in terms of the floor of the building and the industry for which that building is being used.”

iGR's market study, [**U.S. Mobile Bandwidth by Floor in Commercial Buildings Forecast, 2019-2024**](#), provides a five-year forecast for the amount of mobile data used in U.S. commercial buildings by floor. The forecast estimates the total amount of mobile data used in commercial buildings, the usage per floor and the usage per vertical industry. The market study also explains the technology restraints that cause poor in-building coverage and the different solutions being used to address this issue.

The following key questions are addressed in the new study:

- How many people work in commercial buildings in the U.S.?
- How many people work on each floor of commercial buildings in the U.S.?
- How does this data split by vertical industry?

- How much mobile data do U.S. workers across all commercial building categories use?
- How much mobile LTE data do these employees use per floor and per vertical industry?
- How does this mobile LTE data usage change over the forecast period?

The information in this market study will be valuable for:

- Mobile operators, particularly those servicing the U.S. market
- Mobile backhaul providers, including telcos and cable MSOs
- Wired and wireless backhaul vendors and solution providers
- Mobile OEMs, particularly those servicing the U.S. market
- Wired and wireless infrastructure vendors, particularly those servicing the U.S. market
- Financial and investment analysts.

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 nineteenth 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.

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