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New iGR study forecasts fronthaul and backhaul build spending in the U.S., Europe and Asia Pacific

Study also discusses fronthaul and backhaul options for 5G

AUSTIN, Texas, July 9th, 2019 – 5G is going to require a massive number of cell sites to achieve the low latency and high speeds envisioned. New sites will include everything from macro sites to small radios hung off of buildings or lamp posts in dense urban environments. And with these sites, additional fronthaul and backhaul will be required.

iGR, a market research consultancy focused on the wireless and mobile industry, has created a network build cost model based on the amount of data the network is expected to be able to support and deliver. The cost model includes three major components: RAN (base station equipment and small cells), core (LTE EPC and 5G new core), and front/backhaul. The front/backhaul spending component is presented in iGR's latest market study.

"Fronthaul and backhaul will be critical to support a variety of planned 5G use cases," said Iain Gillott, president and founder of iGR. "And as our cost model shows, mobile operators around the world will have to invest significantly to provide the fronthaul and backhaul that will be necessary."

iGR's new market study, [Global Front/Backhaul Build Spending Forecast, 2018 – 2028: Connecting 5G around the globe](#), presents a summary of fronthaul and backhaul options for 5G and includes a ten-year forecast of front/backhaul build spending in the U.S., Europe and Asia Pacific between 2018 and 2028. The study also includes a discussion of global operators' progress towards 5G and profiles of dozens of front/backhaul vendors.

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

- What are the various 3GPP standards leading up to 5G?
- What is 5G? How is it defined and/or viewed right now? When will 5G be deployed?
- What are some of the goals and use cases for 5G?
- What are global mobile operators doing to prepare for the transition from their 4G LTE networks of today to tomorrow's 5G networks?
- What is the 'functional split' as it relates to fronthaul for 5G?

- How big is the fronthaul/backhaul infrastructure build opportunity in the U.S., Europe and Asia Pacific in the next ten years?
- Who are some of the major vendors that will provide fronthaul and backhaul solutions over the next ten years?

The information in this market study will be valuable for:

- Mobile operators
- Infrastructure OEMs
- Small cell product and solution vendors
- Financial and investment analysts.

The new market study can be [purchased](#) and downloaded directly from *iGR*'s website at www.igr-inc.com.

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.

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