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New *iGR* study forecasts LTE and 5G RAN build spending in the U.S., Europe and Asia Pacific

Study also discusses global mobile operators' transition to 5G NR RAN

AUSTIN, Texas, June 19th, 2019 – The first 5G networks have now been launched in the U.S., while in the major markets of Asia Pacific and Europe, operators are trialing 5G with plans to launch commercially in the next year. The first part of the evolution to 5G involves the RAN (Radio Access Network) with the deployment of the first part of the 3GPP Release 15 standard, 5G NR (New Radio). The next step will be to deploy the 5G New Core and subsequent 3GPP releases.

iGR, a market research consultancy focused on the wireless and mobile industry, has recently published a new market study that presents a summary of its RAN research, including estimates for both LTE and 5G RAN build spending in the U.S., Europe and Asia Pacific.

"Historically, the majority of build and operating spending on the mobile network has been for the RAN and this is not expected to change as 5G is deployed," said Iain Gillott, president and founder of *iGR*. "Therefore, if the wireless industry wishes to cut the cost of building and operating mobile networks, savings must be made in the RAN if significant benefit is to be realized."

iGR's new market study, [Global RAN Build Spending Forecast, 2018 – 2028: LTE and 5G RAN in the U.S., Europe and Asia Pacific](#), provides a 10-year forecast of RAN infrastructure build spending in the U.S., Europe and Asia Pacific. The study also includes a discussion of global operators' progress towards 5G, 5G network requirements, and new RAN technologies such as massive MIMO and beamforming.

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

- What are the various 3GPP standards leading up to 5G and what are they likely to contain for the RAN?
- 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 are the key RAN technologies that will enable 5G, such as Massive MIMO and beamforming?
- How big is the LTE and 5G RAN infrastructure opportunity in the U.S., Europe and Asia Pacific in the next ten years?
- How is the RAN infrastructure spending split between 4G and 5G in the U.S., Europe and Asia Pacific in the next ten years?
- Who are some of the major vendors that will support LTE and 5G RAN 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.