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New *iGR* study forecasts spending on the 5G Core in North America, Europe and Asia Pacific

Study also provides information on the 5G core network architecture and the migration path from LTE

AUSTIN, Texas, March 15th, 2019 – 5G networks are the next step forward in mobile/cellular networks. They are characterized by very high downlink (and uplink) speeds, low latency, a flat network architecture with split control and user planes, and a services-oriented focus. *iGR*, a market research consultancy focused on the wireless and mobile industry, has recently released a new market study that provides a high-level overview of the 5G core network and system architecture and shows how an operator can migrate from their current LTE network to a 5G New Radio network complete with a 5G Core.

The market study also provides a ten-year forecast of how much mobile operators in North America, Europe and Asia Pacific will spend to add capacity to the current LTE EPC and build the 5G core network.

“Mobile operators around the world currently operate 4G LTE networks,” said Iain Gillott, president and founder of *iGR*. “Many steps and much spending will be required to transition from these LTE networks to a 5G New Radio network with a 5G Core.”

iGR's new market study, [Global 5G Core Network Spending Forecast, 2018-2028: It's a Marathon](#), provides a discussion of the 5G core network architecture and necessary steps in the migration from LTE to 5G. The market study also provides updates on global 5G network deployments in North America, Europe and Asia Pacific, and provides a ten-year forecast of mobile operator spending on 5G Core Network-based solutions in those three regions.

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

- What is 5G? What are the basic use cases associated with 5G?
- What is the 5G Core Network? How does it differ from the LTE core network?
- What is different about the 5G RAN as compared to the LTE RAN?

- What are the different options for migrating from the LTE core network to the 5G core network?
- What are the likely migration paths for mobile operators in the U.S. currently operating LTE networks?
- What option might a greenfield 5G network operator choose?
- How much are mobile operators in North America, Europe and Asia Pacific likely to spend on 5G Core Network-based solutions?

The information in this market study will be valuable for:

- Mobile operators
- Infrastructure OEMs
- Computing infrastructure OEMs
- Small cell product and solution vendors
- Backhaul service providers and equipment OEMs
- Financial analysts and investors.

The new report 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.

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