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Three new *iGR* studies forecast almost five trillion dollars in global mobile network spending over ten years

Studies forecast both infrastructure build spending and operational costs as operators start move from LTE to 5G

AUSTIN, Texas, October 26th, 2017 – Many mobile operators in the U.S., Europe and the more developed markets in Asia Pacific are in the process of densifying their cellular architecture and upgrading their LTE networks with features from the latest 3GPP releases in order to meet the increasing demand for mobile bandwidth. The next major iteration of mobile networks will be 5G, the first versions of which will be deployed by late 2018.

Global mobile operators are focused on minimizing unnecessary network spending on both new network builds and network operating costs, even as they aim to provide sufficient capacity to meet the growing needs of their subscriber bases.

iGR, a market research consultancy focused on the wireless and mobile industry, has recently published three new market studies that forecast how much U.S., European and Asia Pacific mobile operators will spend over the next 10 years to build and operate their mobile networks. *iGR's* forecasts show almost five trillion dollars in total network spending (build and operations) in the three regions through 2027.

“Significant investment will occur in the next ten years in the three global regions of the U.S., Europe and Asia Pacific,” said Iain Gillott, president and founder of *iGR*. “The operators will continue to invest in LTE and prepare for 5G, which will be rapidly upon us in 2018 with Non-standalone New Radio.”

iGR's three new market studies, [U.S Mobile Network Infrastructure Spending Forecast, 2017-2027: Moving Rapidly from LTE to 5G](#), [Europe Mobile Network Infrastructure Spending Forecast, 2017-2027: From 3G to LTE to 5G](#), and [Asia Pacific Mobile Network Infrastructure Spending Forecast, 2017-2027](#), provide ten-year forecasts for the cost of building and operating LTE and 5G networks in the three regions beginning in 2017 and continuing through 2027. The build forecast is further detailed by mobile network component (RAN, front/backhaul, and core) and generation (3G/4G and 5G). In addition to the forecasts, the market studies provide detailed information on

evolving mobile network architectures, 5G networks, and how the mobile operators in the U.S., Europe and Asia Pacific are progressing towards 5G.

iGR's three new market studies can be purchased individually or at a **discounted** price in the [Global 2017-2027 Network Infrastructure Spending Package](#).

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

- What are the various 3GPP standards leading up to 5G and what are they likely to contain?
- 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?
- How will U.S., European and Asia Pacific mobile operators get from their 4G LTE networks of today to tomorrow's 5G networks?
- What is Non-standalone New Radio (NSA-NR)?
- How will the amount of data traffic carried on LTE and 5G networks grow in the U.S., Europe and Asia Pacific in the next ten years?
- How big is the LTE and 5G infrastructure opportunity in the U.S., Europe and Asia Pacific in the next ten years?
- What is the share of infrastructure spending for the network components of RAN, fronthaul/backhaul, and core in the next ten years?
- What is the share of infrastructure spending for LTE and 5G in the next ten years?
- What are the expected mobile network operating costs in the next ten years?
- Who are some of the major vendors that will support LTE and 5G networks over the next ten years?

The information in these market studies will be valuable for:

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

The new studies and the package 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 seventeenth 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: smartphones; tablets; mobile wearable devices; connected cars; mobile applications; bandwidth demand and use; small cell and het-net architectures; mobile EPC and RAN virtualization; DAS; LTE; VoLTE; IMS;

NFC; GSM/GPRS/UMTS/HSPA; CDMA 1x/EV-DO; iDEN; SIP; macro-, pico- and femtocells; mobile backhaul; WiFi and WiFi offload; and SIM and UICC.

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