



Contact *iGR*

Iain Gillott

[iain@iGR-inc.com](mailto:iain@iGR-inc.com)

## **New *iGR* study forecasts ten-year U.S. mobile network spending as operators move from LTE to 5G**

### ***Study forecasts both infrastructure build spending and operational costs***

**AUSTIN, Texas, November 30th, 2016** – LTE networks are now firmly established in the U.S. with the majority of mobile subscribers using LTE devices. To meet the increasing demand for mobile bandwidth, especially to support video, the larger mobile operators are in the process of upgrading their LTE networks, and densifying the cellular architecture. The next major iteration of mobile networks will be 5G, due to be deployed at the end of this decade.

*iGR*, a market research consultancy focused on the wireless and mobile industry, believes that the LTE market will continue to grow and dominate the U.S. mobile landscape for the foreseeable future. *iGR* also expects that subsequent versions of LTE (and the associated new features) will form the basis of new 5G networks in the next few years. To support additional LTE capacity, mobile operators are increasingly refarming 2G spectrum, as well as acquiring additional spectrum resources through auctions and private transactions. *iGR* has recently published a new market study that forecasts how much mobile operators will spend over the next 10 years to build and operate their mobile networks.

“The U.S. mobile operators will continue to invest in their LTE networks to keep up with increasing mobile demand and to prepare for 5G,” said Iain Gillott, president and founder of *iGR*. “Our forecast shows nearly half a trillion dollars in total network spending (build and operations) through 2026.”

*iGR*'s new market study, [\*U.S Mobile Network Infrastructure Spending Forecast, 2016-2026: Moving from LTE to 5G\*](#), provides a ten-year forecast for the cost of building and operating LTE and 5G networks in the U.S. beginning in 2016 and continuing through 2026. The infrastructure build spending forecast is shown by network component (RAN or Other) and network generation (LTE or 5G). Further, this study provides detailed information about 5G requirements and what mobile operators are currently doing to prepare their mobile networks for this next generation.

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

- What are the various 3GPP standards leading up to 5G and what are they likely to contain?
- What are some of the goals and use cases for 5G?

- What is 5G? How is it defined and/or viewed right now?
- What is in 5G? When will 5G happen?
- How close are U.S. LTE networks to 5G now?
- How will U.S. mobile operators get from their 4G LTE networks of today to tomorrow's 5G networks?
- How much will it cost to deploy 5G in the U.S.?
- How will the amount of data traffic carried on LTE networks grow in the U.S. in the next five years?
- How much mobile data is each mobile connection expected to consume and how does this change?
- What is the impact of densification on mobile network spending?
- How much are U.S. operators investing in LTE?
- How big is the LTE and 5G infrastructure opportunity in the U.S. in the next ten years?
- What is the share of LTE infrastructure spending on the network components in the next ten years? What is the share of 5G?
- How big are the mobile network operating costs in the next ten years?

The information in this market study 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 report can be [purchased](#) and downloaded directly from *iGR's* website at [www.iGR-inc.com](http://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 sixteenth 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](http://www.igr-inc.com).