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## **New *iGR* study forecasts U.S. mobile network infrastructure spending for 4G LTE and 5G over five years**

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

**AUSTIN, Texas, March 8th, 2021** – 5G has been launched in the U.S., but 5G networks will take many years to fully deploy. As a result, LTE will continue to carry the majority of U.S. mobile data traffic for the next few years, even as mobile operators’ build spending is primarily targeted at 5G.

Mobile operators will need to make significant investments in their LTE and 5G networks over the next five years, and *iGR*, a market research consultancy focused on the wireless and mobile industry, has recently published a new market study that forecasts just how much the mobile operators will spend to build and operate their mobile networks.

“As mobile data demand rises, mobile operators balance their network spending between coverage and capacity,” said Iain Gillott, president and founder of *iGR*. “And throughout this process over the next five years, the U.S. mobile operators will have to spend significant amounts to build and operate the network and keep up with the new demand.”

*iGR*’s new market study, [\*\*U.S Mobile Network Infrastructure Spending Forecast, 2020-2025: Building 5G\*\*](#), presents a forecast for the cost of building, deploying and operating LTE and 5G networks in the U.S. from 2020 through 2025. Included is a mobile network infrastructure build forecast, which is further detailed by mobile network component (RAN, front/backhaul, and core) and generation (LTE and 5G). The RAN build component is further detailed by Open RAN and traditional RAN. The study also includes a forecast of network operating costs. In addition to the forecasts, the market study provides detailed information on 5G networks, Open RAN, virtualization, and edge computing, as well as a status update on the 5G network deployments in the U.S.

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

- How will the amount of data traffic carried on LTE and 5G networks grow in the U.S. in the next five years?
- How big is the LTE and 5G infrastructure opportunity in the U.S. in the next five years?

- What is the share of infrastructure spending for the network components of RAN, fronthaul/backhaul, and core?
- What portion of RAN spending will be for Open RAN?
- What is the share of infrastructure spending for LTE and 5G in the next five years?
- What are the expected mobile network operating costs in the next five years?
- What are the key capabilities for 5G networks and what are some of the goals and use cases for 5G?
- What is the status of the major U.S. mobile operators' 5G networks?
- What are some of the technologies being used to support the deployment of 5G, such as dynamic spectrum sharing, MIMO and beamforming?
- What are the new architectures that are being used to evolve the mobile network and support 5G, such as Open RAN, virtualization and mobile edge computing

The information in this market study will be valuable for:

- Mobile operators
- Infrastructure OEMs
- Small cell product and solution vendors
- Edge computing solution providers
- 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 twenty-first 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, and enterprise private LTE / 5G.

A more complete profile of the company can be found at [www.igr-inc.com](http://www.igr-inc.com).