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New iGR study forecasts U.S. mobile operator spending on edge computing

Study also explains how and why mobile operators are implementing edge clouds

AUSTIN, Texas, August 27th, 2020 – Edge computing, along with software defined networking and network function virtualization, is helping mobile operators realize the promise of 5G. In addition to the edge computing technology, the business model of edge computing is also being developed. In the last year many partnerships between mobile network operators and public cloud providers were formed, and these will support the use of edge computing for many new 5G use cases. In short, the mobile operators are building the edge cloud.

iGR, a market research consultancy focused on the wireless and mobile industry, has recently published a new market study that looks at how and why edge computing is being implemented by U.S. mobile operators and forecasts how much the mobile operators will spend to build and operate edge computing resources in their mobile networks.

“By providing a secure, virtualized environment at the “edge” of their networks, mobile operators can not only use the platform for its own purposes but they can also offer that platform to third-parties and, importantly, extend the public clouds into the mobile networks,” said Iain Gillott, president and founder of iGR. “Because of the many benefits of edge computing, iGR expects that mobile operators, partnered with the public cloud providers, will continue to build edge computing resources into their mobile networks.”

iGR’s new market study, [**U.S. Mobile Operator Edge Computing Spending Forecast, 2019-2024: Building the Edge Cloud**](#), provides an edge computing spending forecast for U.S. mobile operators over the next five years. The forecast estimates what it will cost to build the edge computing resources in the network and what it will cost to operate. The market study also details the mobile edge computing (MEC) architecture, explains how MEC will be implemented with 5G, discusses edge clouds and provides several case studies of MEC implemented as edge clouds. Additionally, the study provides profiles of U.S. mobile operators, focusing on their edge computing strategies, and over 50 companies that provide edge computing solutions.

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

- What is edge computing and how does it work?
- What is the ETSI Multi-access Edge Computing (MEC) initiative?
- What are the focuses of other edge computing consortiums and initiatives, such as Open Networking Foundation (ONF), CORD Project, Open Edge Computing (OEC), Open Compute, EdgeX Foundry, 5G Future Forum and Telco Edge Cloud?
- How does edge computing relate to the public cloud, especially when a mobile operator (MNO) deploys at the edge? What are some recent MNO / public cloud partnerships?
- To date, where and how have edge computing solutions been successfully deployed?
- What are some of the perceived benefits and issues related to edge computing?
- Which vendors have products and services to support edge computing?
- What are the edge computing strategies / initiatives / partnerships of the major U.S. mobile operators?
- How much will U.S. mobile operators spend to build and operate edge computing resources in their mobile networks over the next five years?

The information in this market study will be valuable for:

- Mobile operators
- Infrastructure OEMs
- Computing infrastructure OEMs
- Public cloud vendors and OEMs
- Data center OEMs and operators
- 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.

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 twentieth 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.

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