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New iGR white paper discusses how low latency, a core requirement of 5G networks, can be achieved through Mobile Edge Computing

Sponsored by ADLINK, the white paper defines network latency and discusses the opportunities that low latency provides

AUSTIN, Texas, July 20th, 2016 – The performance of mobile networks is defined as much by bandwidth as latency. Most measures of ‘good’ networks simply point to the speed of the download or the amount of bandwidth a user gets. But, latency has as much – if not more – impact on an end user’s experience of the network’s quality. And while 5G promises higher bandwidth for each user, these next generation networks are also aiming for an order-of-magnitude reduction in network latency.

Latency is important because people expect instant response from applications and services. If the delay is too long, then they will stop and go to something else. Simply put, improving the latency of a mobile network decreases the amount of time a mobile user has to wait for a response on his smartphone or tablet.

“Adding bandwidth in a mobile network is relatively easy,” said Iain Gillott, president and founder of iGR, a market research consultancy focused on the wireless and mobile industry. “However, reducing network latency is far more difficult, since the performance of each component in the network connection has to be improved.”

In its most recent white paper, [The Value of Low Latency in a 5G World: Enabling new apps and services](#), iGR discusses network latency and how low latency can be achieved through Mobile Edge Computing (MEC) in a 5G environment. Additionally, iGR recently presented a [webinar](#) that discusses low latency in a 5G environment, and a recording of that webinar can be downloaded for free.

The following key questions are addressed in the white paper:

- What is network latency and why is it important?
- Which applications benefit from lower latency?
- How will latency be reduced in 5G networks?

- What is Mobile Edge Computing (MEC)?
- What is the role of RapidIO in MEC?
- What solutions are available for MEC?

iGR's new white paper, [The Value of Low Latency in a 5G World: Enabling new apps and services](#), and a recording of the related [iGR webinar](#) can be downloaded at no charge directly from *iGR's* website.

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.

About ADLINK

ADLINK Technology is enabling the Internet of Things (IoT) with innovative embedded computing solutions for edge devices, intelligent gateways and cloud services. ADLINK's products are application-ready for industrial automation, communications, medical, defense, transportation, and infotainment industries. Our product range includes motherboards, blades, chassis, modules, and systems based on industry standard form factors, as well as an extensive line of test & measurement products and smart touch computers, displays and handhelds that support the global transition to always connected systems. Many products are Extreme Rugged™, supporting extended temperature ranges, shock and vibration.