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New *iGR* white paper discusses life cycle management of virtualized mobile networks

Supported by Tech Mahindra, the white paper provides a TCO analysis of vCPE and vVoLTE

AUSTIN, Texas, February 14th, 2018 – Since the beginning of the cellular industry in the early 1980s, mobile networks have used dedicated hardware solutions to provide service, but in recent years the largest mobile operators have started to move to virtualized mobile networks and have gradually migrated network elements to virtualized solutions. Simply put, mobile virtualization involves defining network functions in software and not via their union with specifically designed hardware.

Since the key to building, managing and operating a virtualized mobile network is correctly managing software, lifecycle management (LCM) is critical. In order to see the financial benefits from a virtualized telecom networks, mobile operators must conquer the virtualized LCM.

“Lifecycle management in a virtualized telecom network varies somewhat from the traditional telecom network,” said Iain Gillott, president and founder of *iGR*, a market research consultancy focused on the wireless and mobile industry. “Mobile operators need tools that support deployment of reliable and verified configurations that capture the benefits of a virtualized network.”

iGR’s new white paper, [Life Cycle Management TCO: vCPE and vVoLTE](#), discusses mobile network virtualization, software defined networks, and the lifecycle management of a virtualized mobile network. To demonstrate the total cost of ownership (TCO) benefits of a virtual mobile network, this paper includes two examples: virtual voice over LTE (vVoLTE) and virtual customer premise equipment (vCPE).

The following key questions are addressed in the new white paper:

- What is mobile network virtualization and software-defined networking?
- What are the benefits of network virtualization and what issues must be overcome?
- What is lifecycle management (LCM)?
- How does LCM for a virtualized network differ from that of a traditional network?
- What are the TCO benefits of a virtualized mobile network?
- Specifically, what are the TCO benefits of virtual CPE (vCPE) and virtual VoLTE (vVoLTE)?

The new white paper can be [downloaded](#) at no charge directly from *iGR*'s website. Alternatively, contact Iain Gillott at (512) 263-5682 or email for additional details.

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 eighteenth 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; MEC; 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; 5G NR; 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.