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Tecore To Unveil 4G LTE Evolved Packet Core at Mobile World Congress

All-IP iCore Network Platform Seamlessly Incorporates MME and SAE Gateway

Visit Tecore at Mobile World Congress, Stand 8C78, February 16-19

Columbia, Md. – Tecore Networks, a global supplier of multi-technology 2G, 3G and 4G mobile network infrastructure, today introduced iCore® LTE, the next generation of its all-IP core network platform including support for 3GPP Long Term Evolution (LTE) through simultaneous operation of an Evolved Packet Core (EPC) as well as 2G and 3G functions. With the foundational architecture of iCore already in alignment with key LTE principles, the transition to 4G will require the addition of new network elements as software plug-ins, allowing operators to evolve their 2G or 3G networks without forklift upgrades.

LTE offers a substantially enhanced user experience – including data rates in the hundreds of megabits – through an architecture that enables unprecedented network and spectrum efficiency. Tecore’s LTE solution will build upon key features of the iCore platform already in deployments globally, including:

- All-IP communication and signaling including an IMS core
- Concurrent support for voice and data services for GSM, CDMA and SIP technology families, from common object code
- Complete core network (MSC/VLR, HLR/HSS, AuC/AC, SMSC/MMSC, Prepaid IN, UMSC, SGSN/GGSN) delivered on a single blade
- Peer-to-peer IP switching, enabling tandem-free operations for signaling as well as transcoding-free operation for VoIP or RTP
- Carrier-grade Linux operating system, deployable on a range of hardware platforms including compact-PCI, microTCA and ATCA.

iCore LTE incorporates the key components of the Mobility Management Entity (MME) and Service Architecture Evolution (SAE) Gateway. The SAE Gateway further contains two elements: Serving Gateway (S-GW); and the Packet Data Network Gateway (P-GW). These components are key in the management of the IP connectivity and the access through to the IMS infrastructure, enabling robust delivery of applications, and communication within an LTE network, as well as connectivity with alternative packet-based networks such as WiMAX and EV-DO.

iCore LTE includes compliant interfaces for connectivity with standard eNodeBs and interoperability with other vendors' core network equipment as defined in Release 8 of the specifications. This approach is built on iCore's existing compliance with 2G and 3G, via standard interfaces for GSM and CDMA voice and packet services. As with other components of the iCore, the scalability of the MME and SAE Gateway result in a complete feature set in a streamlined package, addressing an unparalleled range of network sizes and types.

More information about Tecore's path to LTE, including a white paper on this subject, is available at <http://www.tecore.com/solutions/whitepaper.cfm>. Tecore Networks will be exhibiting LTE and current-generation all-IP mobile infrastructure at Mobile World Congress, Stand 8C78, February 16-19 in Barcelona, Spain.

"Our record of successful deployments has enabled us to keep innovating and introduce the next generation of mobile networking," said Jay Salkini, Chief Executive Officer, Tecore Networks. "The iCore platform already operates with the same principles of all-IP connectivity and multi-technology support envisioned in LTE, and our approach is validated as we seamlessly evolve to 4G."

About Tecore Networks

Tecore Networks is a global supplier of multi-technology 2G, 3G and 4G mobile network infrastructure for emerging operators and rapid deployments. Built with the same standards-based voice and data technologies available to global carriers on an IP-based architecture, we have dramatically enhanced functionality while minimizing space requirements, installation time and cost of ownership. We also offer integrated value-added features to enable our customers to increase ARPU and retention. Our solutions include core as well as radio access network infrastructure, supported by state-of-the-art professional services. Founded in 1991, Tecore is ISO 9001:2000 certified, and is a three-time winner of the Global Mobile (3GSM) Award. For more information, visit www.tecore.com.

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