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**Tecore Integrates 3G RNC Into iCore,  
Lowering Rural Operators' Cost of Entry To UMTS**

*Operators Can Utilize Other Vendors' NodeBs with Tecore's RNC*

**Columbia, Md., USA** – Tecore Networks, a global supplier of multi-technology 2G, 3G and 4G mobile network infrastructure, today announced the evolution of iCore®, its all-IP multi-technology core network, with the integration of a 3G Radio Network Controller (RNC). Together with the iCore UMTS Mobile Switching Center (UMSC) and Home Subscriber Server (HSS), the RNC enhances support for 3G services and further streamlines the smallest multi-technology network-in-a-box in the industry. Rural and emerging mobile network operators can optimize total cost of ownership by avoiding the expense of separate RNCs, and supporting multi-vendor radio access networks from one core network. These operators can utilize Tier-1 3G NodeBs with iCore for their RNC and core network elements.

iCore is a scalable, all-IP core network platform capable of supporting 2G GSM and CDMA and 3G networks simultaneously. Tecore has adopted 3GPP for 3G and 4G infrastructure due to the robustness of end-to-end transport via IP, the introduction of the IP Multimedia Subsystem (IMS) core network, and support for multiple access technologies, all of which have been principal features of Tecore's current architecture. The RNC controls the NodeBs, performs radio resource management, handles security functions and admission control, and delivers voice traffic to the media gateway and data traffic to the Serving GPRS Support Node (SGSN). Tecore's RNC is compliant with 3GPP releases 5, 6 and 7, for an IP-centric solution with interfaces to a range of other vendors' NodeBs. Given the continuing dominance of voice traffic compared to data, the iCore's capability to switch voice traffic in a centralized manner represents a significant network cost saving for the operator.

Although rural and emerging mobile network operators lagged the national carriers in deploying 3G services, the industry is moving swiftly to catch up. These operators need a lower threshold of investment, the ability to scale the network with the subscriber base, and a built-in path to 4G. Tecore provides the optimal solution by enabling UMTS on a multi-technology core network that can bridge protocols and generations.

Tecore is currently conducting interoperability testing with RAN vendors, and is inviting others to participate as well. Interested vendors should contact Tecore at [partnerlab@tecore.com](mailto:partnerlab@tecore.com).

“Tecore helped the rural and emerging cellular market get off the ground by giving operators a compliant alternative beyond the large-scale infrastructure offerings, and our announcement today demonstrates our continued commitment to this market,” said Jay Salkini, President and Chief Executive Officer of Tecore Networks. “Now that rural and emerging operators are accelerating their 3G deployment plans, we offer a proven network platform supporting UMTS and beyond.”

### **About Tecore Networks**

Tecore Networks is a global supplier of multi-technology 2G, 3G and 4G mobile network infrastructure. 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 9001:2008 certified, and is a three-time winner of the Global Mobile (3GSM) Award. For more information, visit [www.tecore.com](http://www.tecore.com).

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