



data communications

Press Release

RAD Announces First Major Industry Deployment of Mobile Demarcation Devices (MDDs) with Advanced Timing over Packet Capabilities

Barcelona, Spain - February 11, 2010 - RAD Data Communications has announced that it has become the first vendor in the industry to deploy Carrier Ethernet mobile demarcation devices (MDDs) that incorporate timing over packet capabilities with enhanced SLA assurance tools. The deployment was made by a major Tier 1 European fixed-mobile carrier.

MDDs are deployed to mark a clear demarcation between the mobile operator's network and the transport provider's network. RAD's MDDs enable carriers and operators to benefit from advanced traffic management, enhanced performance monitoring and sophisticated timing over packet technology, all of which provide end-to-end service level agreement (SLA) assurance.

"For new mobile networks, which will run converged data and voice over packet transport, there is no real alternative to having an MDD because it's not feasible to provide SLA assurances only from the edge," states Ronen Guri, Director of Product Management and Business Development for Mobile Backhaul Solutions at RAD Data Communications. "They must provide it end-to-end instead, and that can only be done with an MDD," he explains. "Mobile operators, therefore, will be demanding that their transport providers deploy MDDs so that they will be able to verify the SLAs that have been contracted end-to-end."

SyncToP Timing over Packet Platform

RAD's SyncToP timing over packet suite, which the company has incorporated into its MDDs, combines IEEE 1588-2008, Synchronous Ethernet (Sync-E) and Adaptive Clock Recovery. This unique flexibility supports the simultaneous use of different clock transfer methodologies. This provides backhaul suppliers with the ability to match different clocking technologies used by the transport network and the base stations, as well as help them reduce capital expenses (CapEx).

"RAD's MDDs surmount a major hurdle in moving to an all packet backhaul network," Guri concludes. "Their best-of-breed attributes provide superior performance and robustness compared to other solutions available in the market."

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About RAD

Founded in 1981, privately-owned RAD Data Communications has achieved international recognition as a major manufacturer of high quality access and backhaul equipment for data communications and telecommunications applications. These solutions serve the data and voice access requirements of service providers, carriers, and enterprise networks. The company's installed base exceeds 11,000,000 units and includes more than 150 carriers and operators around the world, including AT&T, China Mobile, Deutsche Telekom, France Telecom, Hutchison, Orange, Telekom Austria, TeliaSonera, Telstra, T-Mobile, and Verizon. RAD is an active participant in industry organizations such as the IETF, IP/MPLS Forum, ITU, and MEF. Its customers are supported by 26 offices and more than 300 channel partners in 165 countries.

RAD's environmental management system is ISO 14001 certified. Its operations facilities and processes comply with the industry's most stringent standards and are completely non-polluting.

RAD is a member of the RAD Group of companies, a world leader in networking and internetworking product solutions.

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