



Press release

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T-Mobile and Nortel: World's first successful live test of the next generation of mobile communications with LTE under everyday conditions

Mobility test passed: T-Mobile, jointly with Nortel * [NYSE/TSX: NT], was the first network operator to demonstrate the next generation mobile communications or NGMN (Next Generation Mobile Networks) successfully for its fitness under everyday conditions, using LTE (Long Term Evolution) as an example. T-Mobile had already shown its innovative leadership in the area of NGMN at CeBIT 2008: Visitors were able to experience in an on-site demonstration how close to real time several HD videos were transmitted with data download rates of up to 170 Mbit/s and upload rates of up to 50 Mbit/s.

Now, T-Mobile goes one step further by realizing the NGMN in a live test under everyday conditions. In the trial, data was transmitted to and from a vehicle driving in Bonn between Deutsche Telekom's headquarters on the left side of the river Rhine and the T-Mobile headquarters on the river's right bank. On the four-kilometer test track data transmission went smoothly without interruptions and without loss of quality even across different cells – one of the most important prerequisites for qualification as a mobile communications network of the future. The network used in this test was established by Nortel and consisted of a multi – cell end-to-end Nortel network. LG Electronics terminals were used in the vehicle .



In a second step, applications with high demands on bandwidth and latency like HDTV, HD-Video or Online Gaming will then be tested for their usability under real-world conditions.

“As a pioneer in the development of NGMN, T-Mobile marked the next step in testing future technology with this field trial. In line with the NGMN Alliance's recommendation we are the first network operator worldwide to take LTE as one of the possible new future technologies from the laboratory to the field. In doing so, we are consolidating our position as the leading network provider and innovation driver. At the same time, we are underlining our claim of continuing to offer our customers top quality and the fastest broadband connections for the mobile Internet with the next generation of networks,” said a delighted Joachim Horn, Chief Technology Officer of T-Mobile International AG, on the successful start to LTE testing.

“We are pleased to join efforts with T-Mobile in bringing Nortel's LTE technology to life in the Bonn test network,” said Richard Lowe, president, Carrier Networks, Nortel. “T-Mobile is a thought leader in NGMN. This early field trial is an important step for both companies to test LTE's extensive capabilities and demonstrate innovative LTE applications. Ongoing joint testing of LTE in a real mobile operator network will expand understanding of the benefits and performance characteristics of LTE technology which will further strengthen Nortel's offering and accelerate our time to market.”



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About T-Mobile International :

T-Mobile International is a global leader in mobile communications offering wireless voice, messaging and data services capable of reaching more than 125 million people where they live, work and play. T-Mobile International operates in 12 markets worldwide, with a significant customer base in Central and South Eastern Europe as well as the United States.

The company provides its customers with the latest technologies and innovative multimedia services and continues to be one of the foremost developers of the mobile Internet. Following its vision of “connected life and work”, the company has also developed products and services whose intelligent access options, intuitive operation, and ease of use make them stand out from the crowd. Moreover, the company is a founding member of FreeMove, one of the world's leading business alliances consisting of Orange, Telecom Italia, TeliaSonera and T-Mobile. FreeMove offers multinational companies a seamless service tailored to their specific needs at both a local and international level.

T-Mobile International is a wholly-owned subsidiary of Deutsche Telekom AG. Deutsche Telekom is one of the foremost integrated telecommunications companies worldwide.



With its three product brands, T-Home, T-Mobile and T-Systems, the company offers its customers around the world modern telecommunications products and services from a single source – fixed-network telephony, broadband Internet, mobile communications and ICT solutions. As an international group of companies with some 240,000 employees in around 50 countries throughout the world, Deutsche Telekom generated half of its revenues of EUR 62.5 billion outside Germany in 2007.

For more information about T-Mobile International, please visit www.telekom.com.

About Nortel

Nortel: is a recognized leader in delivering communications capabilities that make the promise of Business Made Simple a reality for our customers. Our next-generation technologies, for both service provider and enterprise networks, support multimedia and business-critical applications. Nortel's technologies are designed to help eliminate today's barriers to efficiency, speed and performance by simplifying networks and connecting people to the information they need, when they need it. Nortel does business in more than 150 countries around the world. For more information, visit Nortel on the Web at www.nortel.com. For the latest Nortel news, visit www.nortel.com/news.

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