Next Generation Mobile Networks
Press Release

NGMN Conference at CeBIT 2008 looks ahead towards a Bright Future of Mobile Broadband Communications

Frankfurt/Hannover – March 6th, 2008 – This year's CeBIT trade fair featured a half-day Conference of the international Next Generation Mobile Networks Alliance (NGMN) held at the Convention Centre. Five renowned leaders of the mobile industry provided a vivid outlook into the future of mobile broadband communications, currently one of the hottest topics in the mobile and internet industry.

In his key note speech, Hamid Akhavan (Chairman of the NGMN Board and CEO, T-Mobile International), outlined the great potential of mobile broadband as well as key challenges and objectives. "Mobile broadband is a reality today in many markets," Akhavan said. "The mobile data traffic is growing rapidly as people increasingly mobilize their personal, social, and working lives. The NGMN Alliance has been established by leading mobile operators to drive the development and to ensure the success of the mobile broadband ecosystem. NGMN will provide a true mobile internet experience with personalization and attractive, easy to use devices and applications."

Hartmut Kremling (CTO, Vodafone Germany) followed up on this by presenting the key success factors for next generation mobile networks from an operator perspective. He pointed out: "Increasing network traffic load beyond Pentabytes/month and the demand for high data rates indicate a clear need for a step-change in spectrum and network technology. Spectrum - the blood of our industry - is a scarce resource. Sufficient spectrum allocation and efficient use is therefore essential for NGMN. The performance of LTE / Mobile WiMAX is getting closer to the NGMN requirements; however, there is still a way to go. Most importantly, network deployment must be feasible on the existing 3G site grid, and transmission costs need to be drastically reduced through advanced backhauling solutions."

How advanced network technologies and architectures contribute to resolve the challenges of next generation mobile broadband, this was the emphasis of the speech from Matthias Reiß (Head of LTE Radio, Nokia Siemens Networks): "Reduced network cost per Megabyte is a clear prerequisite for maintaining the profitability of mobile broadband networks," Reiß said. "LTE/SAE offers an evolutionary network migration path enabling investment protection for operators and low network cost per Megabyte by flat architectures, optimized backhaul transmission, high spectral efficiency, and a scalable bandwidth. We are enthusiastic as "LTE live on Air" field trials carried out in Berlin have shown very encouraging performance results for LTE including the feasibility to deploy it on existing 3G sites."

„Services are Key", this was the key message from Dr. Jinsung Choi (Vice President Mobile Comms Tech, LG Electronics), who gave a lively impression of what customers can expect from future mobile broadband end-user devices and applications. "It is very obvious that the convergence of mobile, fixed, internet, gaming and computing industries and applications drives the mobile broadband market growth," Choi explained. "Drastic handset performance improvements will make the internet experience portable and more personalized. Two major trends will be the convergence of mobile-centric devices integrating many different functions and the divergence of specialized application-centric devices. In either case, service personalization delivers lasting incremental value — increased revenues and customer loyalty," he concluded.

Semiconductor technology and chip sets for end-user devices are critical enablers for any new and ever more demanding mobile wireless technology. Fortunately, Bill Krenik (CTO, Texas Instruments) had good news for the industry when he pointed out: "Whereas implementation of 3G terminal chip sets was a big challenge over 2G, OFDM-based next generation mobile broadband technologies are much more manageable. Advanced semiconductor process technology maximizes integration and minimizes cost. And integration drives features and functionality. The mobile future is bright. Chip sets for next generation include devices that will enable a 10-fold application processing performance, 8+ hours of continuous video viewing, 100+ hours of music, and much more."

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If you would like to receive further information about upcoming NGMN Conferences or NGMN Alliance please contact Marie-Luise Müller at +49 69 / 9 07 49 98-0 or marie-luise.mueller@ngmn.org

About NGMN Alliance
Next Generation Mobile Networks is an alliance founded by leading international network operators, representing more than half of all mobile phone users worldwide, to develop a coherent vision for the mobile industry's evolution beyond 3G. NGMN currently comprises 45 world-wide leading mobile operators, technology vendors and universities.
www.ngmn.org

About T-Mobile International
T-Mobile International is one of the world's leading companies in mobile communications. As one of Deutsche Telekom`s operational segments, T-Mobile concentrates on the most dynamic markets in Europe and the United States. Almost 120 million mobile customers were served by companies of the Deutsche Telekom group by end of 2007. The common technology platform is based on GSM, the world's most successful digital wireless standard. This also makes T-Mobile the only mobile communications provider with a seamless transatlantic service. T-Mobile also is partner of FreeMove, an alliance consisting of four of Europe's leading mobile companies - Orange, TIM (Telecom Italia Mobile) T-Mobile and TeliaSonera – to help their customers communicate as easily while travelling abroad as they do at home.
www.t-mobile.net

About Vodafone
Vodafone Germany is one of the largest and most modern telecommunications providers in Europe. It serves almost 34 million customers, realises turnover of more than EUR 8 billion and has 9,000 employees. Vodafone Germany is an innovative technology and service enterprise, offering a comprehensive range of mobile communication services from one provider. The portfolio includes mobile communications and fixed network telephony, as well as data services for business and private customers. Continuous development, numerous patents and investments in new products, services and the modern network have made Vodafone an innovation leader in the German telecommunications market. The company is headquartered in Düsseldorf. Eight branch offices and a chain of 1600 Vodafone shops keep us close to our customers. The Vodafone Germany group of companies also includes a majority shareholding in the Arcor telecommunications group, which is headquartered in Eschborn, Germany. Vodafone Germany is committed to CSR and it additionally supports numerous projects through the German Vodafone Foundation. The company is part of the Vodafone Group.
www.vodafone.de

About Nokia Siemens Networks
Nokia Siemens Networks is a leading global enabler of communications services. The company provides a complete, well-balanced product portfolio of mobile and fixed network infrastructure solutions and addresses the growing demand for services with 20,000 service professionals worldwide. Nokia Siemens Networks is one of the largest telecommunications infrastructure companies with operations in 150 countries. The company is headquartered in Espoo, Finland.
www.nokiasiemensnetworks.com

About LG Electronics

LG Electronics, Inc. (KSE: 066570.KS) is a global leader and technology innovator in consumer electronics, home appliances and mobile communications, employing more than 82,000 people working in over 110 operations including 81 subsidiaries around the world. With 2007 global sales of USD 44 billion, LG is comprised of four business units - Mobile Communications, Digital Appliance, Digital Display and Digital Media. LG is the world's leading producer of mobile handsets, flat panel TVs, air conditioners, front-loading washing machines, optical storage products, DVD players and home theater systems.

LG Electronics Mobile Communication Company (LG) is a leading producer of mobile handsets. LG creates handsets that provide optimized mobile experience to customers around the world with its cutting-edge technology and innovative handset design capabilities. With advanced wireless solutions, LG is rapidly expanding its presence and market share globally

www.lge.com

About Texas Instruments

Texas Instruments (NYSE: TXN) helps customers solve problems and develop new electronics that make the world smarter, healthier, safer, greener and more fun. A global semiconductor company, TI innovates through manufacturing, design and sales operations in more than 25 countries.

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