

Press Release

Berlin, Germany / Espoo, Finland – October 8, 2007

Broadband World Forum Europe 2007, Berlin

Winning the bandwidth rally – Nokia Siemens Networks demonstrates its unique combination of efficient fixed and mobile broadband technology

Compared to today's traffic levels, the amount of traffic moving across fixed and mobile networks by 2015 will have increased roughly 100-fold, with broadband-based services feeding most of this growth. To cope with this, network vendors and operators must simplify current network architecture complexity. Nokia Siemens Networks focuses on bringing solutions and technology to the market that help introduce scalability to the platforms to allow for rapid, efficient growth.

The key drivers for traffic growth are bandwidth-hungry applications such as person-to-person file sharing, video, high-definition TV (HDTV), new end-user devices encouraging data use, flat-fee subscriptions, and wireless broadband build-out. This is a great opportunity for the entire communications industry – but at the same time a tremendous scaling challenge. Nokia Siemens Networks will meet this challenge with its rich portfolio of highly efficient and flexible fixed broadband and mobile WiMAX solutions.

Starting October 9, 2007, Nokia Siemens Networks will be demonstrating these solutions at the Broadband World Forum Europe 2007 in Berlin (booth 6002). Along with its leading broadband technology and related management and service offerings, the company is presenting a complete Voice over IP (VoIP) solution as well as video and lifestyle applications such as IPTV and Mobile TV, which help operators optimize their bandwidth investment and migrate to an all IP/Ethernet network.

A balanced blend of complementary fixed access solutions

To enable service providers to increase their margins and market share through optimized deployment of fixed broadband connectivity for the next era of bandwidth demand, Nokia Siemens Networks offers Multi Service Access Nodes (MSAN) for outdoor or in-house installations. The hybrid product demonstrated in Berlin is able to transport optical fiber and electronic copper signals with a single chassis. MSAN offers ADSL2+, VDSL2, SHDSL, GPON, Ethernet, TDM and POTS/VoIP over the H.248 protocol and Session Initiation Protocol (SIP), and CATV connections. The DSL technology being presented enables operators to make the most of their existing copper net and to provide triple play services. Nokia Siemens Networks is also demonstrating fiber access solutions: Fiber-to-the-building / Fiber-to-the-home (FttB/FttH) over a Gigabit Passive Optical Network (GPON) supports several bit rate options (up to 1 gigabit per second and beyond). Fiber access solutions are optimized not only for the fastest downstream data transport, but also for very high upstream flow, and they are customized for customers' use cases.

With a special focus on broadband access, Nokia Siemens Networks is demonstrating how its Operations Support Systems (OSS) software solutions give operators increased efficiency in network operations, manage convergent and multi-vendor telecommunications networks and services, and improve business performance.

Integration of fixed network and IP services

Nokia Siemens Networks focuses on the delivery of a thoroughly tested solution for the successful, efficient and fast deployment of fixed and IP networks with verified functionality to reduce customers' project risks.

With more than 350 service delivery framework (SDF) customization and integration projects delivered to date, Nokia Siemens Networks' expertise in building a multi-vendor SDF ecosystem allows operators to get to market faster and more cost-efficiently with new services, while also simplifying deployment and support and ensuring long-term flexibility. The customized service delivery platform (SDP) provides a complete environment for the rapid development, deployment, management and billing of services and applications.

Mobile WiMAX extends broadband experience with mobility

In Berlin, Nokia Siemens Networks is demonstrating its mobile WiMAX solution, which is very well suited for extending broadband service with mobility and to areas where fixed broadband cannot be provided in a cost-efficient way. This solution is capable of delivering a unified stream of voice, data and video over wide distances and bandwidth. For operators mobile WiMAX minimizes network deployment and operational costs – enabling easier implementation and more efficient rollout – while at the same time offering new ways to achieve customer satisfaction and profitability. For consumers the mobile WiMAX solution enables reliable connectivity to broadband services on the go, extending broadband access and adding mobility to their user experience. Nokia Siemens Networks' mobile WiMAX is a true end-to-end solution which supports both wireless and mobile broadband applications to ensure the utmost personal mobile broadband experience for consumers.

Making bandwidth investment fly with Voice over IP, IPTV, and Mobile TV

On top of its highly efficient broadband technology, Nokia Siemens Networks offers a number of revenue-generating applications such as a complete VoIP solution as well as IPTV and Mobile TV.

With Nokia Siemens Networks' leading VoIP solution service providers can offer bundles ranging from basic to premium VoIP up to hosted business functions for small office/home office enterprises (SoHos), small and medium enterprises (SMEs) and large enterprises. The company's VoIP solution ensures web-based feature control as well as PBX integration, hot billing, presence information or the opportunity to integrate all kinds of user interfaces (POTS, ISDN, SIP phones, GSM, etc.) into one homogenous telephone group.

Nokia Siemens Networks is also demonstrating the latest version of its pre-integrated end-to-end IPTV solution as well as attractive new concepts for the interactive arena, such as voting and betting, as well as access to the Internet via the TV remote control and easy content access and sharing on household TV sets.

In addition, visitors will see the latest version of the company's Mobile TV broadcasting solution, which now offers transmission via DVB-H of even more TV channels combined with enhanced video quality, while at the same time reducing operational costs.

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

Media Enquiries

Nokia Siemens Networks

Ruth Lileg

Communications Service Core and Applications

Phone: +49 1755784018

e-mail: ruth.lileg@nsn.com

Nokia Siemens Networks

Jaana Kankare

Communications Radio Access

Phone: +35 8505881063

e-mail: jaana.kankare@nsn.com

Nokia Siemens Networks

Uta Apel

Communications Broadband Access

Phone: +49 1752610550

e-mail: uta.apel@nsn.com

Nokia Siemens Networks

Christina Dinné

Communications Services

Phone: +49 1604758737

e-mail: christina.dinne@nsn.com