Press Release
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Mobile data to outstrip voice traffic by 2011

Keeping pace with increasing mobile data traffic, Nokia Siemens Networks has just notched up its 500 millionth mobile data user

With an increasing number of subscribers logging on to the Internet to access and download data on mobile devices, mobile data traffic growth is doubling every year. In fact, Nokia Siemens Networks expects that at current rates, by 2011, mobile data will overtake voice traffic*, growing exponentially until 2013. Keeping pace with this rapid growth is Nokia Siemens Networks- the company has reached the 500 million mobile data user milestone, accounting for roughly 40% of global mobile data traffic today.

Driving Nokia Siemens Networks' leading position in data is the company's range of packet core solutions that allows operators to handle a huge number of mobile consumers, even if they are using data services heavily, with a very small amount of network equipment. This combined with technical innovation, such as Direct Tunnel, which provides operators with a simpler "flat" connectivity architecture, makes scaling with growing traffic much easier and more importantly, commercially viable.

"We realized early on that to help operators prosper, we would have to be innovative," said Jürgen Walter, head of Converged Core, Nokia Siemens Networks. "While we can see that data traffic is rocketing, operator revenues are not. This means focusing on lowering the cost of data delivery. We have pioneered Direct Tunnel technology to provide an intelligent connectivity short cut for massive volumes of data that will deliver significant value to our customers."

Direct Tunnel leads the way to a fully "flat" architecture, which is the target architecture for Evolved Packet Core and Long Term Evolution as well.

Close to 300 customers use Nokia Siemens Networks' packet core solutions including operators such as America Movil, AT&T, NTT DoCoMo, Oi, Telecom Italia, Telefonica, and Vodafone.

About Nokia Siemens Networks
Nokia Siemens Networks is a leading global enabler of telecommunications services. With its focus on innovation and sustainability, the company provides a complete portfolio of mobile, fixed and converged network technology, as well as professional services including consultancy and systems integration, deployment, maintenance and managed services. It is one of the largest telecommunications hardware, software and professional services companies in the world. Operating in 150 countries, its headquarters are in Espoo, Finland.
www.nokiasiemensnetworks.com

Engage in conversation about Nokia Siemens Networks' aim to reinvent the connected world at http://unite.nokiasiemensnetworks.com and talk about its news at http://blogs.nokiasiemensnetworks.com
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Notes to Editor

While Nokia Siemens Networks estimates that the number of bytes of mobile voice traffic will continue to grow steadily, the growing popularity of mobile broadband services and even machine-to-machine applications will create an exponential rise in the number of bytes of data traffic carried by mobile packet core networks worldwide. This will result in a yearly doubling of data traffic from almost 400 petabytes (400 million gigabytes) a year in 2009 to almost 2,000 petabytes (2 billion gigabytes) a year by 2011, bypassing the estimated volume of voice traffic (1,200 petabytes).

Nokia Siemens Networks' Direct Tunnel technology allows user data traffic to be routed directly from the radio access network to the core network's Internet gateway node, bypassing the control node (the Serving GPRS Service Node, the SGSN) through which data traffic is routed in legacy networks. By taking the more optimized route through the network, Direct Tunnel brings lower OPEX costs, as fewer data links are needed, and improves transmission efficiency. Nokia Siemens Networks is today the clear leader in Direct Tunnel with more than 50 deployments worldwide, of which 28 are live in commercial networks.

The Nokia Siemens Networks Evolved Packet Core (EPC) network solution allows operators to modernize their network to support a wide variety of access types such as 2G, 3G, HSPA and LTE, using a common core network.