Press Release
Espoo, Finland – June 18, 2012

Nokia Siemens Networks boosts smartphone experience on HSPA+ networks

Delivers major improvements in network capacity, battery life and data speeds

Nokia Siemens Networks has successfully demonstrated new features for HSPA+ networks* that improve smartphone performance. It is the first to implement a bundle of standards-based features that deliver Continuous Packet Connectivity (CPC). By reducing network interference, the feature set provides five times more uplink capacity and allows operators to support more smartphone users on HSPA+ networks. In addition, smart device batteries last 15% longer while people benefit from a 60% increase in data rates.**

"High network interference levels pose a serious challenge to network capacity, considerably limiting the number of smartphone users that operators can add to their HSPA+ networks. These challenges are magnified with the ongoing rise in smartphone penetration," said Keith Sutton, head of the WCDMA business line for Nokia Siemens Networks. "Via extensive testing, we've established that Continuous Packet Connectivity serves as a powerful tool by countering these challenges and optimizing HSPA+ performance."

The tests*** included field testing using Nokia Siemens Networks' Flexi Multiradio Base Station with commercial HSPA+ software and the company's multicontroller as well as Nokia smartphones. These tests were conducted at a Nokia Siemens Networks Smart Lab in collaboration with experts from a tier-1 operator.

Nokia Siemens Networks' Smart Labs are equipped with an end-to-end network where the dependencies between mobile broadband technologies, devices, applications and services can be evaluated. The company engages all stakeholders in the mobile ecosystem at these labs, advising them on how to further optimize network and application performance.

"We believe CPC is an important step in the continuous evolution of HSPA. The results prove that this technology is effective in increasing data speeds improving user experience especially when sharing pictures and files in social media and other services. This technology also has a positive impact on battery life. We are looking to adapt CPC to our smart devices platforms to maximize the benefits it delivers," said Timo Joutsenvirta, Smart Devices Technology Marketing, Nokia.

To share your thoughts on the topic, join the discussion on Twitter using #HSPA, #smartphone and #mobilebroadband.

About Nokia Siemens Networks

Nokia Siemens Networks is the world's specialist in mobile broadband. From the first ever call on GSM, to the first call on LTE, we operate at the forefront of each generation of mobile technology. Our global experts invent the new capabilities our customers need in their networks. We provide the world's most efficient mobile networks, the intelligence to maximize the value of those networks, and the services to make it all work seamlessly.

Nokia Siemens Networks
Media Relations
PO Box 1
FI-02022 Nokia Siemens Networks

With headquarters in Espoo, Finland, we operate in over 150 countries and had net sales of over 14 billion euros in 2011. http://www.nokiasiemensnetworks.com

Media Enquiries

Nokia Siemens Networks
Media Relations
Phone: +358 7140 02869
E-mail: mediarelations@nsn.com

Notes:
* HSPA+ networks are growing as operators look to better support smartphone users. As per Global mobile Suppliers Association (GSA) data, 202 HSPA+ networks have been launched in 100 countries till date, and there are 241 commitments for HSPA+ networks in 89 countries.

** Standardized by 3GPP, Continuous Packet Connectivity (CPC) comprises a bundle of features that better support the needs of smartphone users in HSPA+ networks. A growing number of users connect to the network frequently due to popular always-on apps, and thus generate higher levels of network interference. By reducing uplink interference with CPC, operators can significantly increase the number of users admitted on the air interface. Furthermore, CPC reduces downlink interference and improves smart device battery life.

*** Extensive testing on CPC was conducted using an outdoor test network.