

Press Release

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Telefónica to run LTE trial with Nokia Siemens Networks

Nokia Siemens Networks has been selected to participate in a Long Term Evolution (LTE) trial in the Czech Republic, as part of LTE trials that Telefónica will be running in about half a dozen countries in Europe and Latin America. During the six-month trial, Nokia Siemens Networks will demonstrate its end-to-end LTE solution that allows operators to offer a completely new mobile experience to their customers.

“We expect this trial with Telefónica to demonstrate the potential for our LTE to deliver an entirely new broadband mobile experience,” said Carlos Reines, head of the corporate Customer Business Team for Telefónica at Nokia Siemens Networks. “We are one of the main partners for Telefónica in the deployment of mobile radio networks around the world.”

“We have a long and successful track record of collaboration in the Czech Republic and have provided 2G and 3G technology for Telefónica CZ,” Reines said.

The two companies have also been focusing on LTE development. In November 2008, Telefónica and Nokia Siemens Networks pioneered the development of LTE technology by performing the first live LTE call to an Telefónica WCDMA mobile device. During an event held in London, Telefónica and Nokia Siemens Networks successfully demonstrated the usage of high data rate applications, such as data downloading, online gaming and High Definition video streaming, which demands low latency and increased data rates.

LTE greatly improves the consumer experience for mobile data applications with faster response times and throughput, much reduced latency and peak rates of up to 173/58 Mbps (downlink/uplink). LTE supports mobile broadband access for applications such as browsing, email, video-sharing, music downloads and many more. Such services can be provided either by the operator or accessed from third parties via the Internet.

A new flat network architecture, which is scalable and cost-effective, supports mobile broadband multimedia services with extremely high data rates and is ready for handling the anticipated 100-fold traffic growth.

Nokia Siemens Networks LTE end-to-end solution is based on the Evolved Packet Core and the Flexi Base Station, which is already being deployed and will require only a software upgrade from 2G/3G to LTE.

In September 2009 Nokia Siemens Networks completed the world's first LTE call using a commercial base station and fully standard compliant software. In October 2009, Nokia Siemens Networks conducted the world's first LTE handover test.

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>
Find out if your country is exploiting the full potential of connectivity at <http://connectivityscorecard.org>

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