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*Showcases LTE in stationary and mobile scenarios during Mobile World Congress powered by Nokia Siemens Networks.*

## TELEFÓNICA DEMONSTRATES LIVE LTE IN A REAL NETWORK ENVIRONMENT

- **Telefónica, a world wide leading telecommunication service provider, is on the forefront of the evolution of existing 2G/3G networks towards LTE**

**Barcelona, Spain, February 10<sup>th</sup>, 2010** .- At Mobile World Congress 2010 in Barcelona, Telefónica together with Nokia Siemens Networks will present a live LTE demonstration with high-speed mobile broadband applications in a real-network environment..

“As a service provider, we are committed to constant innovation so we can improve our subscriber experience,” said Vicente San Miguel, chief technology officer at Telefónica S.A. He also added: “As the needs of our customers grow and mature, LTE is the way to go, and we are proud to say that we are among the first in the world to demonstrate LTE services using commercial hardware. With this demonstration, we want to underline Telefónica’s leadership in the future of mobile broadband, and our willingness to continue delivering to our customers new and more advanced services every day.”

The demo, which comprises LTE radio and core network equipment from Nokia Siemens Networks in a real-network environment and using pre-commercial LTE terminals, will show attractive mobile broadband applications with real mobility. Telefónica will show the capability to rapidly download high-resolution videos both on its booth (Hall 8 stand 8A115) and in a moving van on the streets of Barcelona around the FIRA exhibition center served by a live LTE base station on an existing Telefónica site. Visitors will also be able to experience the advantages of LTE by comparing download times and image quality of the same video across an existing HSPA network. Other applications on show include LTE powered video conferencing.

“This implementation will illustrate the high throughput performance and low latency of LTE as well as the commercial readiness of our LTE products,” said Marc Rouanne, head of Network Systems at Nokia Siemens Networks. “We have a long and successful track record of collaboration with Telefónica and are one of its main partners in the deployment of mobile radio networks around the world. It is great to be able to showcase with Telefónica the possibilities LTE holds for the future and our capabilities.”

The LTE demos will be based on the award winning and commercially available Flexi Multiradio base station with standard compliant LTE software from Nokia Siemens Networks covering two locations: Telefónica’s booth and the area around the exhibition center. The Nokia Siemens Networks Flexi Network Server and Flexi Network Gateway will provide evolved packet core functionality in the demonstration.



### **About Telefónica**

Telefónica is one of the largest telecommunications companies in the world in terms of market capitalization. Its activities are centered mainly on the fixed and mobile telephony businesses with broadband as the key tool for the development of both.

The company has a significant presence in 25 countries and a customer base that amounts more than 268 million accesses around the world. Telefónica has a strong presence in Spain, Europe and Latin America, where the company focuses an important part of its growth strategy.

Telefónica is a 100% listed company, with more than 1.5 million direct shareholders. Its share capital currently comprises 4.563.996.485 ordinary shares traded on the Spanish Stock Market (Madrid, Barcelona, Bilbao and Valencia) and on those in London, Tokyo, New York, Lima, Buenos Aires and São Paulo.

### **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](http://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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