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Press Release

Signalion joins the LTE/SAE Trial Initiative (LSTI)

Signalion supports the LSTI with LTE Test-User-Equipment and Mobile Prototypes.

Dresden, 28.12.2007 – Signalion is the first provider of test equipment joining the LSTI consortium.

The first phase in a trial of an evolved version of today's mobile phone radio access technology designed to deliver much higher wireless data rates has proven a success. Initial results have confirmed that the technology will deliver high levels of data throughput both for stationary and mobile devices. In more detail, the group has confirmed that the LTE physical layer performance targets in terms of stationary and on-the-move peak data rates can be met. This confirmation was achieved using an agreed set of common transmission profiles, test procedures, and analysis methods. The joint tests were performed using prototype single and multi-antenna radio systems in both lab and urban field environments. Signalion's Sorbas LTE Test-UE has been used by partners of the LSTI to prove technical conformance as well as throughput, quality of service, and other significant performance measures.

Signalion plans to support the specification agreed among the partners of the LSTI as part of its product roadmap for the Sorbas LTE Test-UE. This will help the developers of LTE network equipment during the integration and verification phase before and throughout the field trials. Furthermore, the Sorbas LTE Test-UE will support the IODT/IOT phase by providing an agreed reference implementation to the partners.

The LTE/SAE Trial Initiative is divided into three main phases; Proof of concept, Interoperability and Trial. Joint testing, and reporting of ongoing results will continue out to the end of 2009, with initial LTE system deployments planned for the 2010 timeframe.

"Through our strategic engagement within the LSTI we support the development of LTE as a future global cellular standard in the critical phase of first consolidated field trials" said Tim Hentschel, CEO of Signalion. "It is very important that infrastructure vendors and UE manufactures have reliable partners for test systems."

More information can be found at www.signalion.com.

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About Signalion:
Signalion was founded in 2003 as a spin-off of the Vodafone Chair of Technische Universität Dresden, Germany. Today Signalion is an established provider of test solutions for wireless communications systems. Signalion is a pioneer among the growing family of 3GPP-LTE supporting companies. Signalion's 3GPP-LTE-products support wireless infrastructure development, field trials, as well as interoperability and production testing.

Signalion is located in Dresden, a city that uniquely combines an 800-year historic, baroque background with the pulsing high-tech multi-billion Euro semiconductor businesses that have turned the region into Europe's number one silicon site.

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About LSTI:

The LTE/SAE (Long Term Evolution/System Architecture Evolution) Trial Initiative (LSTI) was founded in May this year by leading telecommunications companies Alcatel-Lucent, Ericsson, France Telecom/Orange, Nokia, Nokia Siemens Networks, Nortel, T-Mobile and Vodafone, and was recently expanded with China Mobile, Huawei, LG Electronics, NTT DoCoMo, Qualcomm, Samsung, Signalion, Telecom Italia and ZTE joining as new members.

The joint initiative aimed at driving forward the realisation of the next- generation of high performance mobile broadband networks based on 3GPP Release 8 "Long Term Evolution / System Architecture Evolution" (LTE/SAE) specifications.

The LTE/SAE Trial Initiative heralds a new chapter for the mobile industry with network systems targeted to support mobile broadband peak data rates exceeding 100 Mbps. In line with 3GPP requirements, this next-generation technology aims to provide a mobile broadband service that outperforms both 3GPP Release 6 HSPA, as well as current fixed line DSL data rates while maintaining and extending the highly successful mobility and coverage benefits of 3GPP networks such as GSM. 3GPP LTE/SAE networks are expected to enable lower operating costs for operators as well as higher data-rate, lower latency end-user services, and an improved end-user wireless mobility experience.