

Date: July 24, 2007



## Press Release

### Signalion acquires Dresden Silicon's multi-processor technology for its 3GPP-LTE-test systems

Signalion GmbH, a leading worldwide provider of wireless communications network equipment test solutions, announced the acquisition of Dresden Silicon's multi-processor technology and know-how for Signalion's Test-UE solution for 3GPP LTE (Long Term Evolution) wireless infrastructure testing.

With its SORBAS platform Signalion provides a first-time test solution for LTE-basestations. The SORBAS LTE Test-UE (user equipment) enables base station developers to test their designs in an early design stage in which the 3GPP-LTE standard is not finalized yet. One key feature of this test solution is the ability to simulate the behaviour of multiple independent users with a single test system. Such multi-UE functionality is needed for very important load and stress tests of wireless infrastructure for 3GPP-LTE. By enabling scalable, efficient, and flexible signal processing solutions, Dresden Silicon's technology will further strengthen Signalion's ability to support highly complex multi-UE test scenarios with the SORBAS test-UE solution.

"LTE-Test systems with multi-UE functionality pose new challenges on scalability and reliability. Our flexible multi-processor technology, along with the team's solid know-how, gives Signalion exclusive access to a unique methodology for the design of compute-intense software and systems," said Patrick Herhold, CEO of Dresden Silicon.

"Beside traditional functional tests, load and stress tests are very important for the base station development. The requirements set by the 3GPP-LTE standard on the respective test solutions call for new approaches to the flexible partitioning and sharing of the processing load between multiple processors. The acquisition of Dresden Silicon's multi-processor technology by Signalion enables a uniquely flexible and cost efficient multi-UE functionality for our base station test products." said Tim Hentschel, CEO of Signalion.

Both Signalion and Dresden Silicon are 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.

#### **About 3GPP-LTE:**

3GPP-LTE, a cellular standard currently standardized as the successor of current UMTS technology, will be able to transfer data at a peak rate of 100 megabits per second. This new technology for cellular network access will enhance the current standard based on spread spectrum technology with OFDM (Orthogonal Frequency-Division Multiplexing) technology and will coexist with 2G and 3G networks. 3GPP-LTE radio networks are expected to be ready for the market by 2010. The new standard ensures the long-term competitiveness of UMTS. It will enable new services such as high speed mobile internet everywhere and the delivery of high-definition videos to mobile devices.

**Date:** July 24, 2007



**About Signalion:**

Signalion was founded in 2003 as a start-up from the University of Technology Dresden. Today Signalion is a well established solution provider for wireless communication system design and prototyping among the customers are key players of the wireless market as well as leading research organizations. Signalion GmbH is a pioneer among the growing family of 3GPP-LTE supporting companies. Signalion's 3GPP-LTE-products support wireless infrastructure development, field trials, and inter operability and production testing.

<http://www.signalion.com/>

**About Dresden Silicon**

Founded in 2005, Dresden Silicon leveraged extensive experience in embedded systems design and programming models to create a simple, scalable and efficient programming and processing model for compute-intense applications of multi-processor systems.

**Contact:**

Dr.-Ing. Matthias Stege  
VP Marketing & Sales  
Signalion GmbH  
Sudhausweg 5, D-01099 Dresden, Germany  
Fon +49 351 206931 30  
Fax +49 351 206931 11  
Email [matthias.stege@signalion.com](mailto:matthias.stege@signalion.com)