



PRESS RELEASE

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EB AND MEDAV ANNOUNCE INTEROPERABILITY IN RADIO CHANNEL MEASUREMENT, MODELING AND EMULATION

Using accurate measured radio channel data provides the ideal environment for testing wireless devices and networks in the lab

Oulu, Finland / Uttenreuth, Germany – EB (Elektrobit), a leading developer of cutting edge embedded technology solutions for wireless and automotive industries and MEDAV, a leading provider of radio channel sounders announced their cooperation in developing interoperability between the MEDAV RUSK MIMO Channel Sounder and EB Prosim emulators. EB Prosim radio channel emulator customers now have the ability to use in their wireless testing data measured in the field with the MEDAV RUSK MIMO Channel Sounder.

“Conformance testing against basic industry standards is no longer enough in today’s competitive markets. A laboratory environment where real world radio conditions can be repeated accurately is becoming a must for mobile device developers and operators. The unique and patented file-based emulation architecture and playback capability of EB Prosim radio channel emulators together with data measured by the MEDAV Sounder provide competitive advantage to our customers”, said Antti Sivula, senior vice president of EB’s Wireless Communications Tools Business. “We established this cooperation with MEDAV to provide our customers in a variety of wireless industry markets better access to state-of-the-art solutions to ensure they are testing beyond conformance for the most reliable wireless connection possible.”

Actual field measurements performed with the MEDAV MIMO Channel Sounder provide the most accurate, real-life-like channel models for repeated tests in the laboratory. In this process the sounder acts like a recorder and the radio channel emulator as a projector, which plays back the recorded radio channel data. This can only be performed with an emulator that uses file-based emulation, allowing the same test run to be completed as many times as needed – and exactly in the same way.

“Measured data from different environments is already available in our library and we also perform radio channel measurement campaigns to customers as a service”, said Horst Jonuscheit, director sales & business development in MEDAV. “By bringing together MEDAV’s RUSK MIMO Channel Sounder data and EB Prosim emulator through a data interface, a big technical gap could be closed for customers worldwide. Users of these systems can now take advantage of the results attainable from the combined expertise of EB and MEDAV.”

For more information on the EB Prosim F8 MIMO emulator and other EB Prosim products, please visit: <http://www.elektrobit.com/ebprosim>. For more information on MEDAV MIMO Channel Sounder solutions, please visit <http://www.medav.de> and <http://www.channelsounder.de>.



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About EB, Elektrobit Corporation

EB develops advanced technology and transforms it into enriching end user experiences. EB specializes in demanding embedded software and hardware solutions for the automotive industry and wireless technologies. The company's net sales for the year 2009 totaled EUR 153.8 million. Elektrobit Corporation is listed on NASDAQ OMX Helsinki. <http://www.elektrobit.com>

About EB's Wireless Communications Tools Business

EB's Wireless Communications Tools is a global technology leader in test tools for measuring, modeling and emulating radio channel environments. It contributes to radio channel model standardization, radio channel emulation, and radio channel measurements with vast experience and a substantial customer base of the leading industry brand names.

About MEDAV GmbH

MEDAV is supplier of products, customized system solutions and services for radio monitoring & surveillance, radio measurement systems, information technology, speech technology and quality testing applications for almost 30 years. <http://www.medav.de>

About MEDAV's Wireless Communications Tools Business

MEDAV is working in the field of channel sounding since 1990. MEDAV is supplier and user of high end channel sounding equipment. MEDAV is contributing to various national and international research projects with radio channel measurements, analysis of measurement data with super resolution algorithms, channel modelling and simulation in collaboration with the research partner TU Ilmenau, Germany.