Nokia Siemens Networks Uses Azimuth Systems’ Field-to-Lab Solution for LTE Testing

World’s Top Mobile Infrastructure Provider utilizes Field-to-Lab to Perform Benchmark Testing Using Drive Test Data

Orlando, FL – March 22, 2011 – Azimuth Systems, Inc., a leading provider of wireless channel emulators and targeted test solutions, today announced that Nokia Siemens Networks (NSN), the world’s number one mobile infrastructure provider, has selected the Azimuth Field-to-Lab™ solution to perform benchmark testing for upcoming User Equipment (UE) and LTE eNodeB releases using drive test data collected from real-world locations of interest. The Azimuth Field-to-Lab solution provides the ability to accurately reproduce the same channel conditions observed during drive testing, in the lab, with the addition of fading and noise, offering a highly repeatable and reliable test methodology that will enable NSN to ensure that LTE equipment will perform with the high quality expected when deployed.

Every day, a quarter of the world’s population connects using Nokia Siemens Networks infrastructure and solutions. As the world’s number one provider of mobile infrastructure, with the most LTE commercial deals of any vendor, NSN is focused on delivering the best quality experience to its customers and consumers worldwide.

“We constantly innovate to provide the smartest solutions to our customers and expect our suppliers to meet the same standards of excellence. We performed a detailed evaluation of potential testing solutions and the Azimuth Field-to-Lab solution was the only one available that met all of our testing goals in terms of capabilities,” said Frank Weyerich, head of LTE E2E development at Nokia Siemens Networks. “NSN has come to rely on Azimuth’s easy-to-setup and use, bi-directional ACE MX wireless channel emulator for MIMO testing and the addition of the Field-to-Lab capabilities provide NSN with a market-leading, highly reliable solution for accurate verification of equipment performance.”

By allowing real-world RF conditions collected by drive test tools/scanners to be replayed in the laboratory through the Azimuth ACE™ MX MIMO channel emulator, the Azimuth Field-to-Lab solution bridges the gap between laboratory and field-measured test results. By utilizing actual channel conditions, test engineers can validate or benchmark mobile equipment performance and/or recreate network trouble spots/conditions for analysis and resolution. It is also the first in the industry that
allows users to automate the entire testbed, with an automation architecture that facilitates sharing of automation modules not only within individual companies, but also across ecosystems to drive consistency in the way things are tested while providing more reliable and repeatable results. These capabilities enable the entire mobile ecosystem, including operators, handset manufacturers and infrastructure vendors to troubleshoot, improve and optimize performance prior to and post deployment. In addition, the Field-to-Lab solution features a host of other features for unprecedented ease-of-use.

“The Azimuth Field-to-Lab solution will enable NSN products to be tested using industry standard models and real-world conditions from actual field data collected from locations of interest,” said Pete Paglia, senior vice president of field operations at Azimuth Systems. “This provides a comprehensive, repeatable and reliable test environment that is closer to the ‘real world’ than ever before, further enhancing NSN’s ability to deliver the high quality products that the company has built a reputation on providing, while saving NSN a substantial amount of time and money.”

Field-to-Lab Overview
Azimuth Systems will be showcasing the Field-to-Lab solution in booth #263 at this week’s CTIA Wireless conference, taking place at the Orange County Convention Center in Orlando, FL from March 22-24. Contact Azimuth to schedule an in-person meeting or product demonstration.

About Azimuth Systems

Azimuth Systems is a leading provider of wireless channel emulators and targeted test solutions for LTE/LTE-Advanced, WiMAX, 2G/3G cellular and Wi-Fi technologies. Azimuth’s products are used by the world’s foremost wireless semiconductor designers, infrastructure and mobile equipment vendors, and service providers to improve wireless product quality and speed time-to-market. Azimuth’s wireless test
and channel emulation products and solutions enable research, development, quality assurance and systems engineers to test the performance, conformance, certification and interoperability of broadband wireless devices and networks while greatly reducing the cost and time of manual testing.

The company is based near Boston, Massachusetts, USA and may be contacted at +1 (978) 263-6610 or at http://www.azimuthsystems.com. Follow Azimuth Systems on Twitter at: http://twitter.com/azimuthsystems.

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