



## **FOR IMMEDIATE RELEASE**

Polaris Networks Press Release

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## **Polaris Networks releases MME Functional Tester to help LTE MME manufacturers test functionality and conformance of an MME implementation according to 3GPP Release 8 specifications.**

**Lexington, Massachusetts, April 14, 2010** – Polaris Networks, a leading global provider of test and measurement solutions for the wireless networking and telecommunication industry, announced today the release of its LTE MME Functional Tester (PNFT-MME-100). The Tester verifies that an MME implements and conforms to 3GPP Release 8 specifications. It also meets the pre-deployment testing needs of Telecom Operators as they roll out their LTE / SAE mobile network.

The MME Functional Tester is one of a series of LTE Test Tools from Polaris Networks that can be used for functionality, stress and scalability testing of MME and other elements of the LTE / SAE Evolved Packet System (EPS). These testers are designed to integrate easily with existing test automation framework of the user. They can also be used as stand-alone test systems. The MME Functional Tester provides the means to LTE MME equipment manufacturers and Telecom Operators to eliminate interoperability issues and reduce the time and effort spent on testing the MME and other EPS elements.

Commenting on this release, Aditya Saraf, VP, Sales & Marketing, Polaris Networks said, “We would like to acknowledge the help provided by our client and partner equipment manufacturers and telecom operators and thank them for reviewing and enhancing the capabilities of the MME Functional Tester. Their input has been very helpful in improving and validating the operation of this test tool.”

The MME Functional Tester tests all MME interfaces, viz., S1-MME, S11, S3, S10 and S6a, and emulates all the entities adjacent to the MME, viz., one or more eNodeB, UE, S-GW, MME, SGSN and HSS. The Tester has a Windows-based GUI that allows the selection and the execution of a range of automated tests. The Tester also provides a Command Line Interface (CLI) to enable easy integration with existing test automation setups. The Tester has more than 200 test scenarios, covering all MME procedures such as UE Attach, Detach, Handover, Paging and Tracking Area Update, and covering both normal and abnormal (error) situations. The next release of the MME Functional Tester, scheduled for Q3 2010 will

includes more than 300 test scenarios, enhancing the test coverage provided by the tester. The Tester provides a complete decode of packets sent or received during the test execution. Test reports are provided in HTML format.

The Tester includes a Test Suite Structure and Test Purposes (TSS & TP) document, describing in detail the objective and test strategy of all the test cases included with the product. To allow users to customize the test cases to meet their individual requirements, Polaris provides the source code of the test scripts along with the product.

### **About Polaris Networks**

Polaris Networks is based in the Boston area and has played a significant role in promoting and facilitating the widespread adoption of new technologies. Polaris Networks has a long history of playing a critical role in various standards bodies (ZigBee Alliance, EPCglobal, WiMAX Forum, PICMG, CP-TA, SA-Forum) in creating interoperability guidelines and developing test tools that help manufacturers and service providers meet compliance requirements. The company has delivered software test tools for RFID, WiMAX, Wi-Fi, Powerline Communication (HomePlug), xTCA and Telecom Middleware in the past and is currently developing test systems for 3GPP LTE. For more information on Polaris Networks, visit [www.polarisnetworks.net](http://www.polarisnetworks.net)