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Polaris Networks Press Release

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Polaris Networks to demonstrate its MME Test Solution at Mobile World Congress

Lexington, Massachusetts, February 15, 2010 – Polaris Networks, a leader in software test solutions for Telecommunications and Wireless Networking is demonstrating its MME Test solution at the Mobile World Congress, being held at Barcelona, Spain, from February 15 to February 18, 2010 at Hall 2 Booth # 2B126.

This solution provides comprehensive means of testing an MME implementation by manufacturers of MME and by Network/ Telecom operators deploying MME in their LTE network.

“For a network based on a technology defined by new specifications and standards, it becomes extremely important for equipment manufacturers to thoroughly test the stability of their product, especially in line with the standards.” said Masashi Kitayama, Manager, Information and Communications Technologies, Toyo Corporation. “Test tools like the MME Test solution from Polaris Networks, drives overall efficiency for operators, since pre-deployment testing can considerably reduce the uncertainties and thereby the costs, in the deployment of mobile networks.”

Polaris’ MME Test Solution has two primary components, the Functional Tester and Device emulators for eNodeB, S-GW & MME.

The MME Functional Tester comprises of pre-scripted tests that is used to verify the MME implementation under test for conformance to 3GPP specifications. This tester tests all MME interfaces viz., S1-MME, S11, S3, S10 and S6. The functional test cases defined by Polaris Networks for MME testing, cover all MME procedures, including UE Attach, Detach, Handover, Paging, Tracking Area Updates and more. It can also be used to test negative conditions.

As much as it is important to verify the correctness of an MME implementation, measuring the load and capacity of the MME, are also pertinent for both manufacturers and operators. The emulators for eNB, S-GW & MME enable stress and scalability testing of the MME under implementation. The emulators surround the MME from all sides to provide simulation of scenarios on all MME interfaces. The eNB emulator also includes UE simulation, obviating the need to use an external third-party UE simulator. Similarly the SGSN and HSS are simulated inside the MME Emulator. These emulators can also be used to measure control plane performance metrics.

Commenting on the occasion, Aditya Saraf, VP, Sales and Marketing of Polaris Networks, stated, “Polaris MME test solution can test MME implementation for functionality, stress and scalability. In that sense it provides complete means of testing to MME manufacturers and service providers. These testers are also designed to

easily integrate with existing test automation framework of the user and can also be used as stand-alone test system”

About Polaris Networks

Polaris Networks is based in Boston and has been playing a significant role in promoting and facilitating the widespread adoption of new technologies. Polaris Networks has a long history of playing critical roles in various standards bodies (ZigBee Alliance, EPCglobal, WiMAX Forum, PICMG, CP-TA, SA-Forum) in terms of 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 Network (HomePlug), xTCA and Telecom Middleware in the past and is currently developing test systems for LTE (3GPP). For more information on Polaris Networks, visit www.polarisnetworks.net