

Dilithium Enhances Industry-Leading Test Tool to Boost Roll-Out of 3G Video Applications

Submitted by: Pleon
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Thursday July 1, 2004— Dilithium Networks, a leading provider of wireless multimedia solutions, today announced a major new release of its industry-leading 3G protocol analysis and test tool. The Dilithium Networks Analyzer (DNA) diagnoses, analyses and monitors all aspects of 3G video telephony calls and enables 3G operators and network equipment vendors to identify and address service issues which are critical to providing a high quality user experience and successful uptake of video telephony. The new release adds the ability to gather key performance indicators of network statistics related to video telephony.

DNA was the first 3G-324M/H.324M protocol analysis tool on the market and has established itself as the industry reference platform for compliance and interoperability testing of network equipment and terminals. It is already in use by a majority of the 3G operators including H3G, Orange, NTT DoCoMo, KTF, and SK Telecom as well as a majority of network and terminal vendors including Ericsson, Nokia, Samsung, NEC, Motorola, Alcatel, Lucent, and Nortel. Operators and OEMs can use the device to test new terminals and minimise the risk of field software upgrades to ensure interoperability, reducing time to market for 3G services and equipment

Lee Ellison, Senior Vice President of Sales and Marketing at Dilithium Networks, said, "The DNA has proven itself to be an extremely valuable tool to operators and equipment vendors looking to test advanced 3G services such as video telephony, video conferencing and video mail/ video call answering. We are extending the value chain of DNA to enable operators and network suppliers to use DNA as a tool for testing video telephony network performance"

The latest release of DNA provides powerful network and protocol statistics and analysis tools for 3G video applications using the 324M protocol and covers call control, connection setup and tear down, and voice and video codec quality. DNA's new key performance indicators can be defined for measuring the Quality of Service (QoS) and Service Level Agreement (SLA) delivery in 3 key areas: service availability & accessibility; service viability; and service quality. In addition, the latest release of the DNA includes a number of enhancements including support for H.263 Profile 3 (Annex I, J, K, T), MPEG4 error resiliency, improved logging and analysis capabilities, as well as extended support for H.245 compliance testing.

DNA conforms to 3G-324M/H.324M protocol as defined by 3GPP, 3GPP2 and FOMA, and based on the ITU-T H.324M protocol that enables conversational multimedia services over wireless networks. DNA provides terminal and network monitoring functions. In terminal mode, DNA can emulate 3G-324M terminals and be used for troubleshooting, protocol analysis, IOT, as well as end-to-end service tuning. In network monitoring mode DNA can be used to sniff the traffic between two 3G-324M terminals, analyze traffic and decode-play the media.

About Dilithium Networks

Dilithium Networks is a leader in delivering multimedia solutions to much of the world's mobile

infrastructure and terminal industry. The company's products include multimedia transcoding gateways, 3G-324M protocol analysis test tools, protocol stacks, and video telephony client solutions. Dilithium Networks is headquartered in Larkspur, California and has a global customer base including network equipment suppliers, terminal manufacturers and mobile operators. For more information, please visit - www.dilithiumnetworks.com. Dilithium Networks is registered in the US Patent & Trademark Office. For more information contact:

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