

## ipoque's PRX Traffic Manager Wins Test of DPI Bandwidth Management Solutions

Press Release

*PRX-10G Traffic Manager shows accurate detection of peer-to-peer protocols and unbeaten performance of up to 75 Gbit/s in independent test*

**Leipzig, July 13, 2009** – ipoque, the leading European provider of Internet traffic management solutions, today announced that it succeeded to win a test of deep packet inspection (DPI) bandwidth management solutions for monitoring and regulating peer-to-peer (P2P) traffic conducted by the European Advanced Networking Tester Center (EANTC). The focus of the test was on detection and regulation accuracy of peer-to-peer file sharing, the overall performance of the solution, and the suitability for deployment in large ISP networks.

ipoque participated with its carrier grade PRX-10G Traffic Manager and shares the first place with another vendor of traffic management equipment. Out of 15 vendors invited to the test, only three participated. EANTC published the results last week.

"Our systems have been thoroughly tested by EANTC in ISP-like scenarios," says Hendrik Schulze, CTO of ipoque. "This test is so important to us because it officially confirms the specifications on our data sheets."

### Test Methodology

PRX-10G Traffic Manager was tested in three phases: in a first step, EANTC verified the performance for IP and application layer traffic, then looked at the detection, regulation and filtering accuracy under load, and finally emulated special ISP traffic conditions as asymmetric routing and encapsulated traffic. Also part of the test was the ability to smoothly integrate into existing ISP network environments with no harm to network operation and performance.

Compared to last year's test (<http://www.ipoque.com/resources/product-tests/prx-5g>), EANTC extended the test bed limit to 25 Gbit/s application layer and 60 Gbit/s IP layer traffic. Even at that data rates, PRX-10G could not be saturated. EANTC engineers extrapolated that PRX-10G is able to handle up to 75 Gbit/s with DPI classification of the entire traffic without packet loss.

### Overview of Test Results

- Throughput of up to 75 Gbit/s
- 99% detection and regulation accuracy for all popular P2P protocols
- 100% compliance in P2P blocking test
- Encryption and VLAN tags have no effect on detection and regulation accuracy
- Linear scalability with additional packet processing blades
- Zero packet loss at test bed limit of 60 Gbit/s with 12 out of 14 packet processing blades

### Further Information

More information about results, test setup and methodology at <http://www.ipoque.com/resources/product-test-prx-10g>.

EANTC published the complete test results at [internetevolution.com](http://www.internetevolution.com/document.asp?doc_id=178633&page_number=1): [http://www.internetevolution.com/document.asp?doc\\_id=178633&page\\_number=1](http://www.internetevolution.com/document.asp?doc_id=178633&page_number=1)

### **About ipoque**

Founded in Leipzig, Germany, ipoque is the leading European provider of deep packet inspection (DPI) solutions for Internet traffic management and analysis. Designed for Internet service providers, enterprises and educational institutions, ipoque's PRX Traffic Manager allows to effectively monitor, shape and optimize network applications. These include the most critical and hard-to-detect protocols used for peer-to-peer file sharing (P2P), instant messaging (IM), Voice over IP (VoIP), tunneling and media streaming, but also many legacy applications. For further information see [www.ipoque.com](http://www.ipoque.com).

### **About EANTC**

EANTC is an internationally recognized test center. It provides objective, vendor neutral network test facilities for manufacturers, service providers and enterprise customers. More information at <http://www.eantc.com>.

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