



SCALING IPS PERFORMANCE TO 10G AND BEYOND

ANDOVER, Massachusetts, June 30, 2010 – At the recent Interop Tokyo event, Napatech successfully demonstrated that a standard server with 8 CPU cores can be used to build a full throughput 10 Gbps Intrusion Prevention System (IPS). Napatech has shown with this breakthrough that high-performance IPS products can be built using off-the-shelf components at lower cost, with less risk and faster time-to-market. More significantly, this demonstration shows that throughput performance can be scaled with the number of available CPU cores leading to even higher throughput possibilities.

“With Napatech network adapters, we can take full advantage of available CPU cores, which allows the solution to scale”, according to Erik Norup, President, Napatech Inc. “We can support up to 32 CPU cores, so throughput performance can be increased even higher, if more CPU cores are available. This provides predictable scalability in performance.”

“There are several IPS products on the market, but few capable of analyzing at a sustained line-rate of 10 Gbps. Most of these products are based on expensive, customized hardware development”, added Norup. “By basing IPS products on standard PC servers and Napatech Intelligent Real-time Network Analysis adapters, IPS vendors can avoid the cost, time and risk related to hardware development while taking advantage of the volume pricing and annual improvement in performance of PC servers”.

The Napatech demonstration at Interop Tokyo was based on Napatech’s NT20E In-line network adapter and 8 instances of SNORT, an open source intrusion detection software application, equally distributed on 8 CPU cores in a standard PC server. Both HP and Dell servers have been used in the demonstration. Napatech achieved full 10 Gbps throughput (10 Gbps receive and 10 Gbps transmit) using real-world traffic. Napatech’s new NT20E2 2x10 Gbps low-profile, PCI-Express Gen 2 network adapter was also demonstrated at the event.

Webinars and whitepapers describing Napatech’s solution are available on Napatech’s website at <http://www.napatech.com/resources>. Contact Napatech for more information on the details of the 10G IPS demonstration.

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About Napatech

Napatech is the leading OEM supplier of multi-port 10 GbE and 1 GbE intelligent adapters for real-time network analysis with over 60,000 Ethernet ports deployed. Napatech network adapters provide real-time packet capture and transmission with full line-rate throughput and zero packet loss no matter the packet size. Intelligent features enable off-load of data traffic processing and packet analysis normally performed in the CPU. This results in more processing power for the network monitoring, analysis, management, test,

measurement, security or optimization application being supported. Napatech has sales, marketing and R&D offices in Mountain View, California, Andover, Massachusetts and Copenhagen, Denmark.

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