

NAPATECH ANNOUNCES WORLD'S FIRST INTELLIGENT 10G PCI-EXPRESS GEN 2 CAPTURE & IN-LINE ADAPTERS

ANDOVER, Massachusetts, Apr 20, 2010 – Napatech today announced the world's first 2x10 Gbps Intelligent Real-time Network Analysis adapters based on PCI-Express Gen 2 with the introduction of the NT20E2 Capture adapter and NT20E2 In-line adapter products. The NT20E2 In-line is ideal for applications that require both capture and transmit in real-time, such as Intrusion Prevention Systems (IPS) and Policy Enforcement applications operating at 10 Gbps line-speed. This is complemented by the NT20E2 Capture adapter, which provides full 20 Gbps packet capture throughput over the PCI-Express Gen 2 bus.

"The NT20E2 network adapters provide the most complete feature set and highest performance of any network analysis adapter on the market today" said Erik Norup, President of Napatech Inc. "With PCI-Express Gen 2, we can provide 20 Gbps of traffic to the network appliance application software in real-time. At the same time, we provide the off-load and acceleration features that will help the application software to cope with so much data."

"Napatech is the world-leading provider of network analysis adapters with over 60,000 ports deployed to date. It was therefore important to design the NT20E2 to be drop-in compatible with existing NT20E cards and to be supported by the same driver software as other Napatech network adapters on Linux, FreeBSD and Windows", added Norup.

The NT20E2 Capture and In-line adapters provide an impressive list of features for pre-processing, off-loading and accelerating network appliance performance. Both products are based on a low-profile form factor with SFP+ modules and PCI-Express Gen 2.

Key features for the NT20E2 Capture adapter include:

- Full throughput 20 Gbps capture and analysis
- Zero packet loss no matter the packet size
- Near-zero server CPU load
- 10ns precision time-stamping of received packets
- Hardware time synchronization based on GPS, IEEE1588v2 or CDMA
- Merging, dynamic slicing and de-duplication of traffic
- Advanced packet classification with intelligent identification of flows
- Flow filtering and intelligent distribution to up to 32 CPU cores
- Zero-copy DMA transfer to host memory with cache-hit optimization
- Ethernet, TCP and UDP checksum verification
- Supports libPCAP and PCAP applications (e.g. SNORT)

Key features for the NT20E2 In-line adapter include:

- Full throughput 20 Gbps capture, analysis and re-transmission
- Zero packet loss no matter the packet size

- Near-zero server CPU load
- Advanced packet classification with intelligent identification of flows
- Flow filtering and intelligent distribution to up to 32 CPU cores
- Zero-copy DMA transfer to host memory with cache-hit optimization
- Ethernet, TCP and UDP checksum verification and generation
- Transmit of packets according to individual packet time stamps
- Configurable Inter-Frame Gap (IFG)
- 10ns precision time-stamping of transmitted packets
- Supports libPCAP and PCAP applications (e.g. SNORT)

To find out more visit www.napatech.com or contact us for more details.

Napatech is exhibiting the NT20E2 at Interop Las Vegas (stand 2335) and Infosecurity in London (stand L70) from April 27 to 29.

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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.

For more information visit us at: www.napatech.com, or please contact:

North America

Nicholas Arraje, VP of Sales
1-888-318-8288 ext. 707
nick.arraje@napatech.com

Europe

Stig Bang, Sales Director
+45 4038 3403
sb@napatech.com

PR Contact

Darshna Kamani, Eskenzi PR
+44 207 183 2834
Darshna@eskenzivr.com