

## **NAPATECH INTRODUCES TRAFFIC GENERATION AND CAPTURE & REPLAY FEATURE SETS**

ANDOVER, Massachusetts, Apr 26, 2010 – Napatech today launched two new important product features sets to address Traffic Generation and Capture & Replay applications. The Traffic Generation feature set addresses Ethernet full line-rate traffic generation applications, while the Capture & Replay feature set addresses Capture & Replay applications. The introduction of the Traffic Generation and Capture & Replay feature sets coincides with the announcement of Napatech’s new NT20E2 2x10 Gbps PCI-Express Gen 2 In-line and Capture network adapters.

“Napatech has identified a need for network adapters focused on Traffic Generation and Capture & Replay applications. While many of the features provided by our existing In-line family can be used in these markets, the needs are slightly different demanding different feature focus and performance” said Erik Norup, President of Napatech Inc. “For example, in in-line applications, latency is extremely important, but not an issue in traffic generation. Similarly, in In-line there is a need to receive and transmit at the same time, while in capture & replay, it is typical that capturing data and replaying data are two separate activities that need not coincide.”

The Traffic Generation and Capture & Replay feature sets are supported by the current 4-port 1G and 2-port 10G Napatech products as well as the new NT20E2 2x10Gbps PCI-Express Gen 2 network adapters.

Key features for Traffic Generation are:

- Full line-rate 20 Gbps Ethernet traffic generation
- 10ns precision time-stamping of transmitted packets
- Transmit of packets according to individual packet time stamps
- Ethernet, TCP and UDP checksum generation
- Configurable Inter-Frame Gap (IFG)

Generated traffic can be application-generated traffic or traffic from a file.

Key features for Capture & Replay are:

- Full throughput 10 Gbps capture and analysis per port (max 20 Gbps)
- Full line-rate 10 Gbps replay per port (max 20 Gbps)
- Full capture feature set (similar to Napatech Capture adapters)
- 10ns precision time-stamping on received and transmitted packets
- Replay of packets according to individual packet time stamps
- Hardware time synchronization based on GPS, IEEE1588v2 or CDMA
- Ethernet, TCP and UDP checksum verification and generation
- Configurable Inter-Frame Gap (IFG)

The Napatech adapter acceleration features enable on the fly intelligent indexing of received frames for fast data retrieval from storage.

To find out more visit [www.napatech.com](http://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.

ENDS

## 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](http://www.napatech.com), or please contact:

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