

## **NAPATECH ANNOUNCES 20Gb PATTERN MATCHING ADAPTER FOR SECURITY APPLICATIONS AND FOR DETAILED PACKET, FLOW OR PROTOCOL ANALYSIS**

### **Product Displays at INTEROP in Las Vegas, Nevada**

**ANDOVER, Massachusetts, - April 28, 2008** – Napatech today announces a complete Pattern Matching Adapter based on Tileras TILE64 Multicore processor. The new Pattern Matching Adapter can be used as a stand alone product or in conjunction with the Napatech series of 1Gb and 10Gb FPGA based high performance network adapter cards. This unique Pattern Matching solution includes the following new features:

- Pattern Search at full 20 Gigabit per second line speed
- Pattern Search across fragmented packets
- Sustained capacity up to 1 million flows
- Handles one hundred thousand new flows per Second
- 20 Gb Capacity up to 2 million Characters for all Patterns
- Flexible Configuration of Pattern length and number of Patterns

“Napatech has for years had the TCAM based XA adapter in our Product offering, by selecting the advanced 64 multicore Tileras TILE64 Processor for this new Pattern Matching Product Napatech achieves both World Class 20GB speed for advanced Pattern Searches and a unique flexibility for processing and adapting to different search criteria’s. This new Product can furthermore be used as a stand alone Pattern Matching accelerator card for Post processing purposes, as well as for advanced combinations of filtering using the Napatech FPGA based Adapters” says Erik Norup President, Napatech Inc.

The Pattern Matching Adapter will have many uses within Appliances for Intrusion Detection, Forensic Analysis, Lawful Intercept, Security Applications and Cyberspace Surveillance.

The new Pattern Matching Adapter described above is added to the already feature rich product line offered to Napatech’s OEM customers. The high performance adapters already include features such as line rate processing of packets up to 20Gb speeds, 10ns time-stamping of every packet, channel merging, 64 user programmable filters, packet classification, packet slicing and more.

The feature set supports Linux drivers, a programming interface and development tools.

### **About Napatech**

Napatech is a leading OEM supplier of multi port 1Gb and multi port 10Gb high performance network adapter cards. The core idea is to off-load real-time/streaming protocols, payload analysis and control applications traditionally implemented in software or proprietary hardware. Napatech expects a huge growth in the demand for intelligent and programmable adapters as Ethernet speeds increase. Current PC architecture limits the amount of bandwidth that can be handled by the PCI bus and CPU/memory. 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:

North America  
Nicholas Arraje, VP Sales  
1-888-318-8288 ext. 707  
[nick.arraje@napatech.com](mailto:nick.arraje@napatech.com)

Europe  
Stig Bang  
+45 4038 3403  
[sb@napatech.com](mailto:sb@napatech.com)

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