



NAPATECH ANNOUNCES NEW OPTICAL BYPASS ADAPTER FOR THEIR OPTICAL 1GbE and 10GbE HIGH-PERFORMANCE NETWORK ADAPTERS

Product Displays at INTEROP in New York, September 17-19 2008

ANDOVER, Massachusetts, September 16th, 2008 – Napatech today announces the new Napatech Optical Bypass Adapters for their 1 Gbps and 10 Gbps high-performance network adapters. The Optical Bypass Adapters include the following features:

- 8 optical connections, supporting 4 full-duplex optical bypass ports
- Support for either 1 Gbps or 10 Gbps signals or a mix of these
- Automatic switch to either bypass or pass-through mode at power failure
- Watchdog performing automatic switch to bypass or pass-through mode at software driver or application failure
- Support for application-controlled switch to either bypass or pass-through mode
- Fully programmable operation via easy-to-use API
- Switch between bypass or pass-through mode in less than 20 milliseconds
- Support for both single-mode and multimode optical interfaces through standard LC connectors
- Half-length format with a 1-lane PCI-Express interface

Napatech adapters are increasingly being deployed in mission-critical operations requiring advanced Fail-safe solutions beyond what external optical bypass switches can accommodate. Therefore Napatech has launched the new 4-port Optical Bypass Adapter providing the usual power failure bypass switching enhanced by a watchdog function controllable from the server. This enables the bypass function to be activated, if an application stops servicing the adapter driver, or if the server is taken down for maintenance in a controlled way.

The Napatech Bypass Adapters are available in two versions supporting both Long Range single-mode on 9-micrometer optical fibers and Short Range multimode on 50-micrometer optical fibers. The Bypass Adapter can be configured to enter into either bypass or pass-through mode at power failure or heartbeat failure as described above.

The new Optical Bypass Adapter 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 capture and processing of frames up to 20 Gbps, 10 ns time-stamping of every packet, channel merging, frame classification, conditional dynamic frame slicing, 64 user-programmable filters, packet coloring, deduplication, support for 32 CPU cores, and more. The feature set supports Linux, FreeBSD and Windows, and includes a programming interface and development tools.

About Napatech

Napatech is a leading OEM supplier of multi-port 1GbE and multi-port 10GbE high-performance network adapters. The core idea is to off-load real-time/streaming protocol, 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, since the current PC architecture limits the amount of processing that can be achieved. 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 Sales
1-888-318-8288 ext. 707
nick.arraje@napatech.com

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

This document is intended for informational purposes only. Any information herein is believed to be reliable. However, Napatech assumes no responsibility for the accuracy of the information. Napatech reserves the right to change the document and the product described without notice. Napatech and the authors disclaim any and all liabilities.

Napatech is a trademark used under license by Napatech A/S. All other logos, trademarks and service marks are the property of the respective third parties.

Copyright Napatech A/S 2008. All rights reserved.