NAPATECH LINK™ SMARTNIC SOFTWARE AND INTEL® PROGRAMMABLE ACCELERATION CARD TECHNOLOGY ACHIEVE NEW BENCHMARKS FOR NETWORK AND CYBERSECURITY APPLICATIONS

LOS ALTOS, Calif., Dec. 12, 2018 – Napatech™ (OSLO: NAPA.OL), the leading provider of reconfigurable computing platforms, today announced that its market-leading FPGA SmartNIC software is now available for the Intel® Programmable Acceleration Card with Intel Arria® 10 GX FPGA (PAC). The solution allows IT organizations of every size to deploy networking and cybersecurity applications on standard servers for unparalleled performance at a fraction of the cost of custom hardware alternatives.

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.@Napatech Link™ FPGA SmartNIC software powers @Intel PAC to improve performance of network and security applications: https://tinyurl.com/y8xe462t #SmartNICs #FPGA

"We expect increased adoption of programmable Ethernet adapters that include on-board field customizable silicon such as FPGAs as custom network function appliances are virtualized on standard servers," said Vladimir Galabov, senior analyst for cloud and data center at IHS Markit. "Our annual end-user surveys consistently show that enterprises and service providers opt for FPGA-based programmable NICs to offload processor-intensive networking and cybersecurity applications like encryption and firewalls. Software that makes it easy to program FPGAs meets an important market requirement."

Napatech's Link™ Capture Software takes advantage of the Intel PAC's powerful Arria 10 GX FPGA to deliver line-rate packet capture and flow-aware forwarding for all packet sizes up to 40 Gbps. The solution offloads the most burdensome network and security processing workloads from the server's Intel® Xeon® CPU cores, returning valuable compute resources to the applications and services they were intended for.

The solution has been benchmarked across a wide range of third-party, commercial and open-source, Linux-based networking and cybersecurity applications, delivering more than triple the performance over servers with standard NIC configurations. Complete solution configurations, installation guides and performance results are available today for Suricata, Snort, TRex, Wireshark, Bro and ntop. The solution is also extensible to home-grown IT applications.

"Napatech's FPGA-based SmartNIC solutions provide a much-needed boost for the networking and security applications found in enterprises today," said Luca Deri, ntop founder. "With the Intel PAC now available from leading server manufacturers, FPGA-based acceleration has become pervasive and mainstream."

"At Napatech, we aim to bring the benefits of FPGA acceleration to IT organizations of every size. In order to do so, we must be application-driven, software-focused and hardware-independent," said Ray Smets, CEO at Napatech. "Our Link™ Capture Software for the Intel PAC provides an even easier way for enterprises and service providers to accelerate applications, improve their cybersecurity and increase server utilization as cloud, hybrid and software-defined networks become more mission-critical."

For additional information or to request a license for a free trial, please email info@napatech.com or visit www.napatech.com/link

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ABOUT NAPATECH

Napatech helps companies to reimagine their business by bringing hyperscale computing benefits to IT organizations of every size. We enhance open and standard virtualized servers to boost innovation and release valuable computing resources that improve services and increase revenue. Our Reconfigurable Computing Platform™ is based on a broad set of FPGA software for leading IT compute, network and security applications that are supported on a wide array of FPGA hardware designs.
Additional information is available at www.napatech.com

NO FORWARD-LOOKING STATEMENTS

This press release may contain forward-looking statements which are only predictions and may differ materially from actual future events or results due to a variety of factors, including but not limited to, business conditions, trends in the industry and markets, global economic and geopolitical conditions, macro-economic factors, and other risks and uncertainties set forth in Napatech's reports. The matter discussed in this release is based on current expectations and maybe subject to change. Napatech will not necessarily update this information.

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