Napatech Turbocharges Xelera Software to Deliver
Ultra-Low Latency AI Inference for Financial Trading

COPENHAGEN, Denmark – May 12, 2025 – Napatech™ (OSLO: NAPA.OL), a leading provider of Programmable Network Interface Cards (NICs) used in data centers, and Xelera, an innovative provider of software solutions for emerging artificial intelligence (AI) applications and use cases, announced the integration of their AI inference and machine learning acceleration solution with Napatech's programmable NICs. The solution, tailored for the financial trading sector, brings ultra-low latency (ULL) to financial transactions enabling traders to make intelligent decisions faster than ever before.

Machine learning and inference models running on standard servers introduce latency, throughput and compute bottlenecks that threaten the immense potential of AI. Xelera's Silva™ combined with Napatech programmable NICs, provides the necessary acceleration to deliver best-in-class throughput and latency, critical for real-time financial decision making in high-frequency trading (HFT) environments. Napatech's hardware accelerates standard computing platforms, and Xelera Silva software allows users to take advantage of popular AI tools including LightGBM, CatBoost and XGBoost. The integration helps to fulfill the promise of AI in financial services networks.

The solution powered by Napatech's FPGA-based technology has demonstrated remarkable performance as published in a recent stunning benchmark analysis, outperforming other solutions including software-only, traditional GPU and ASIC designs by a significant margin. This rapid inference capability is essential for high-frequency trading, where even microsecond delays can impact profitability. The reports and results are available at: https://tinyurl.com/Napatech-Xelera

"Our collaboration with Napatech allows us to bring state-of-the-art AI inference solutions to the financial sector," said Andrea Suardi, Head of Acceleration Technology at Xelera. "By combining our software expertise with Napatech's advanced hardware, we're setting new standards for performance and efficiency in trading applications."

"Integrating Xelera's Silva software with our programmable SmartNICs provides a powerful solution for financial institutions seeking to enhance their trading platforms," Lars Boilesen, Chief Executive Officer at Napatech. "This represents another example of the leading applications in high-growth segments like AI taking advantage of the capabilities uniquely unlocked by Napatech's programmable NICs."

The solutions will be displayed at the STAC Summit, the premier event for networking and artificial intelligence in financial services data center networks, May 13, 2025, in New York.

For more information about the Xelera solution powered by Napatech, please visit:
https://www.napatech.com/solutions/partners/ai-inference-acceleration-for-trading-with-xelera/

About Napatech
Napatech is the leading supplier of programmable NICs, including SmartNICs and IPUs, used in cloud, enterprise, and telecom data centers. Through commercial-grade software suites integrated with high-performance hardware, Napatech accelerates network infrastructure, security, and storage workloads to deliver best-in-class system-level performance while maximizing the availability of server compute resources for applications, services, and revenue. Additional information is available at www.napatech.com.

About Xelera
Xelera Technologies is a global software provider for high-speed network and machine learning applications. They solve data rate and response time bottlenecks in systems with performance-optimized software stacks, while increasing the energy efficiency of data center servers used in cloud, telecom, financial, and life sciences networks. Their software is deployed in Europe, the Americas and Asia, and is supported on leading semiconductors and hardware platforms. Please visit https://www.xelera.io/ for more information.

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 is subject to change. Napatech will not necessarily update this information. For details, visit us at www.napatech.com.

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