

# NAPATECH'S KEY DESIGN WIN WITH TOYO OFFERS APAC AND GLOBAL CUSTOMERS ENHANCED TEST AND MEASUREMENT MECHANISMS

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## Leading APAC Solution Provider TOYO Chooses Napatech 100G Traffic Replay for Its High-Speed Network Recorder

**COPENHAGEN, Denmark, Dec. 7, 2017** – Napatech (OSLO: NAPA.OL), the leading provider of reconfigurable computing platforms, today announced a key design win in APAC as TOYO Corporation's ICT business unit has chosen Napatech's FPGA SmartNIC and software for its capture and replay solution. Synesis is a high-speed, streaming-to-disk capture system from TOYO Corporation that provides lossless traffic capture at up to 100G Ethernet speeds.

With network operators rapidly upgrading their infrastructure to 100 Gigabit Ethernet to account for the hyper-scale performance requirements of cloud, 5G mobile and IoT services, the time is right for the Synesis 100G capture and replay solution. The solution offers telecom and data center operators the ability to capture traffic without any packet loss and replay it as received on the network. Napatech SmartNICs offer nanosecond-precision timestamping, which allows the packets to be replayed with the same interframe gap and timing as when they were captured.

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.@TOYO\_US's Solution for Test and Measurement Now with @Napatech's 100G Replay: <https://tinyurl.com/y8xe462t> #pcap

Benefits of the 100G traffic capture and replay solution:

- **Performance measurement at 100G:** With this solution, users can now capture and replay IP traffic to measure end-to-end performance and Quality of Service for network speeds of up to 100G.
- **Faster, cost-efficient testing:** Napatech's ability to perform precision timestamping makes deployment of large-scale test setups with real traffic extremely fast and cost efficient. Furthermore, Napatech is based on open and standard computing that involves low deployment costs, making it cheaper than building a custom piece of hardware
- **Robust infrastructure:** By simulating and replaying different traffic setups based on worst-case scenarios, the infrastructure can be made more robust.

### Yoshiyuki Saitoh, CIO, TOYO, said:

"We believe that 100G replay will be key for future trouble-shooting solutions. Of course, it is always a challenge for us to provide 100G or higher speed solutions with high reliability, but with our continuing collaboration with our reliable partner Napatech, we can overcome this challenge and continue to innovate."

### Ken Way, Chief Sales Officer, Napatech said:

"TOYO Corporation is a recognized leader among many Japanese engineering firms. Their Synesis products are sought-after tools by network engineers building the most advanced datacenter and mobile networks. We are pleased that our FPGA-based SmartNIC software and hardware solutions are helping them to provide the latest breakthroughs in test and measurement for the most sophisticated networks in the world."

## **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](http://www.napatech.com)

## **ABOUT TOYO CORPORATION**

TOYO Corporation is one of Japan's pre-eminent specialists in the all-critical area of measurement, providing comprehensive and integrated support in the core triad of hardware, software and education. Our aim is to provide our customers and clients with thoroughgoing and all-embracing services, while engaging in constant and ongoing feedback with our suppliers and developers. It is our ultimate objective that we serve as an effective interface in all our endeavors, then contribute to paving the future for industry and research ends. For more information please visit TOYO Corporation's website: [www.toyo.co.jp/english](http://www.toyo.co.jp/english)

## **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.

For details, visit us at [www.napatech.com](http://www.napatech.com)

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