

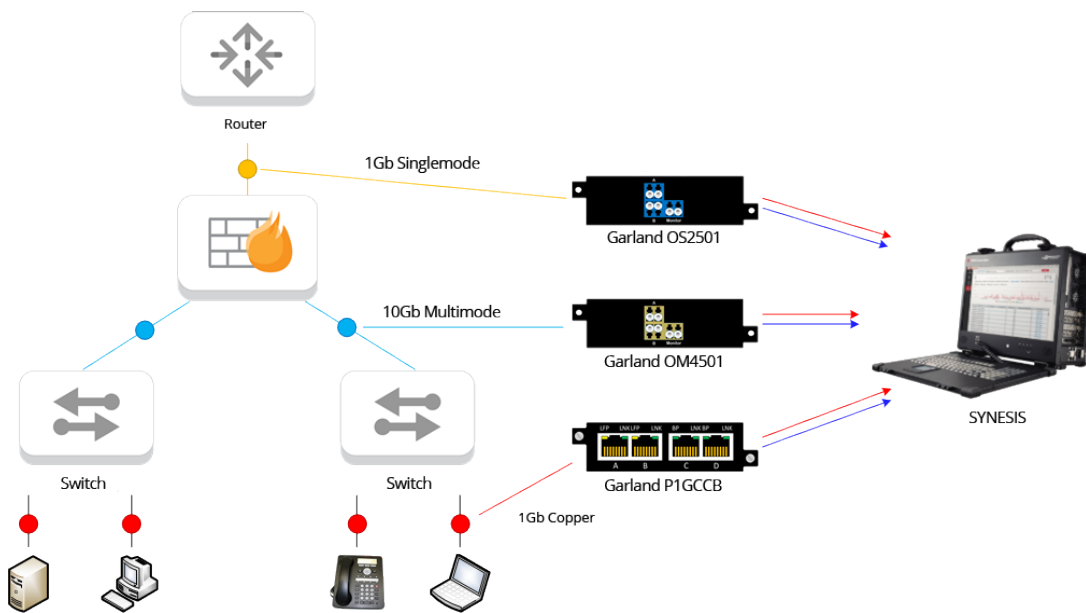
SYNESIS and Garland Technology Combine for High Speed Data Capture

A joint solution from SYNESIS and Garland Technology

Portable Packet Capture Without Packet Loss

NEMs, System Integrators, and Service Providers are constantly faced with the lack of useful data for equipment problems at customer sites. Typical troubleshooting configuration data often has to be augmented by Wireshark PCAP files captured at the time of failure. The challenge is not having complete, continuous and reliable PCAP files. Another challenge is with today's test systems that have a limited amount of data that can be regenerated or are based on synthetic data, which may not produce the proper conditions that will cause failure in the lab.

SYNESIS and Garland Technology offer an integrated solution to this problem via Garland Technology's portable, high performance network TAPs, that deliver a complete copy of network traffic to the SYNESIS Network Packet Recorder for high speed data packet capture, without sacrificing high fidelity lossless packet capture performance at any Ethernet speed: 1G/10G/40G/100G.



Quick Access Visibility

Gain immediate visibility by using Garland Technology's portable TAPs with the portable SYNESIS, providing a quick access and flexible solution that allows engineering teams access to complete and accurate customer data for troubleshooting. The combined portability, high fidelity capture, and remote accessibility greatly reduces travel cost for personnel and enhances troubleshooting sessions.

Garland Technology

Garland Technology provides a full platform of network access products including a range of Network TAPs, supporting the entire wire from 10/100M copper and 1G/10G/40G/100G

Key Capabilities

- **Complete Network Visibility** by passing all live wire data
- **Ensure No Dropped Packets** for out-of-band tools
- **100%, failsafe packet capture** – all Network TAPs are tested and validated and have built-in failsafe and/or heartbeat technology.
- **Reliable traffic aggregation, load balancing, and filtering** – full control over traffic behavior and flexibility for aggregation and regeneration.

About TOYO Corporation

TOYO Corporation is a Japanese technology company headquartered in Tokyo, Japan, with subsidiaries in the United States and China. Since its founding in 1953, TOYO has become the leading distributor of advanced measurement instruments and systems in Japan. TOYO also engages in original product designs and develops advanced solutions for many of the markets that it serves including automotive, sustainable energy, and cybersecurity industries. TOYO's innovative products are used by many leading companies in Japan, the United States and APAC countries, helping TOYO's customers accelerate development, reduce time-to-market, and improve product quality. For more information, please visit the company's website at toyo.co.jp/english/, toyotechus.com (US) | toyochina.com.cn (China) | synesis.tech (Japan)



SYNESIS

SYNESIS Portable provides mobility for big data packet capture needs without sacrificing high fidelity lossless packet capture performance at any Ethernet speed: 1G/10G/40G/100G. The rugged SYNESIS Portables are ideal for lab, offsite locations, and data centers as temporary big data packet collectors. SYNESIS Portables are self-contained units with their own monitor, keyboard, mouse trackpad, and all of the necessary software.

Key Capabilities

- **Detection of microburst traffic** – SYNESIS will detect occurrences of microbursts against user defined threshold values during capture sessions. Related packets may be saved to trace files for more detailed analysis.
- **Greatly reduces the extraction time of trace files (AANPM analysis)** – SYNESIS incorporates the Application Aware Network Performance Method (AANPM) which can greatly reduce the time to detect and extract the target packet by saving a higher volume of information than current packet analyzers. This includes saving indexing information such as the IP address and ports concurrently during packet capture.

Have Questions? sales@garlandtechnology.com | +1 716.242.8500 | garlandtechnology.com

Garland Technology is an industry leader delivering network products and solutions for enterprises, service providers, and government agencies worldwide. Since 2010, Garland Technology has developed the industry's most reliable test access points (TAPs), enabling data centers to address IT challenges and gain complete network visibility. For more information, or learn more about the inventor of the first bypass TAP, visit GarlandTechnology.com or [@GarlandTech](https://twitter.com/GarlandTech).

