



One Tapped Network Link, Five Different Performance Monitoring Viewpoints

Challenge

For organizations such as telecommunications providers and government agencies, complete packet visibility across multiple monitoring tools is essential to fully understand the breadth of their network. These environments demand absolute assurance that every packet is captured and analyzed, requiring multiple copies of traffic to be available, without introducing unnecessary complexity or unneeded investment.

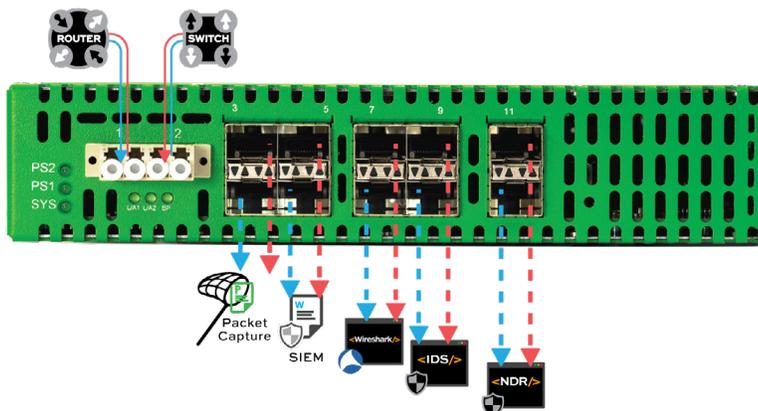
Recently, a large government entity approached Garland Technology to help deliver full copies of network traffic to several tools within their environment. They needed a reliable way to replicate every packet multiple times for distribution to their security and monitoring tools, and they required a solution that was both simple to deploy and easy to manage.

The TAP to Tool™ Solution

1. Garland Technology proposed a streamlined, high-performance solution using a TAP Regenerator to meet the customer's requirements and support their uniquely demanding network environment. Purpose-built for always-on visibility, the TAP Regenerator delivers up to five duplex copies of network traffic from a single 1G or 10G fiber link.
2. This approach proved to be ideal, enabling the customer to reliably distribute network packets to multiple out-of-band performance monitoring tools without the complexity, cost, or overhead of introducing a Network Packet Broker into the architecture.
3. Beyond gaining immediate visibility and reducing costs, the customer appreciated that the TAP Regenerator also positions them for future scalability and the seamless integration of additional tools as their needs evolve.

Benefits

- Delivers complete packet visibility across 1 to 5 monitoring tools
- Reduce network complexity by eliminating unnecessary components
- No configuration needed, just plug in and start regenerating packet
- Compatible with MSA compliant transceivers
- Invisible to the network: no IP or MAC address



Have Questions?

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