

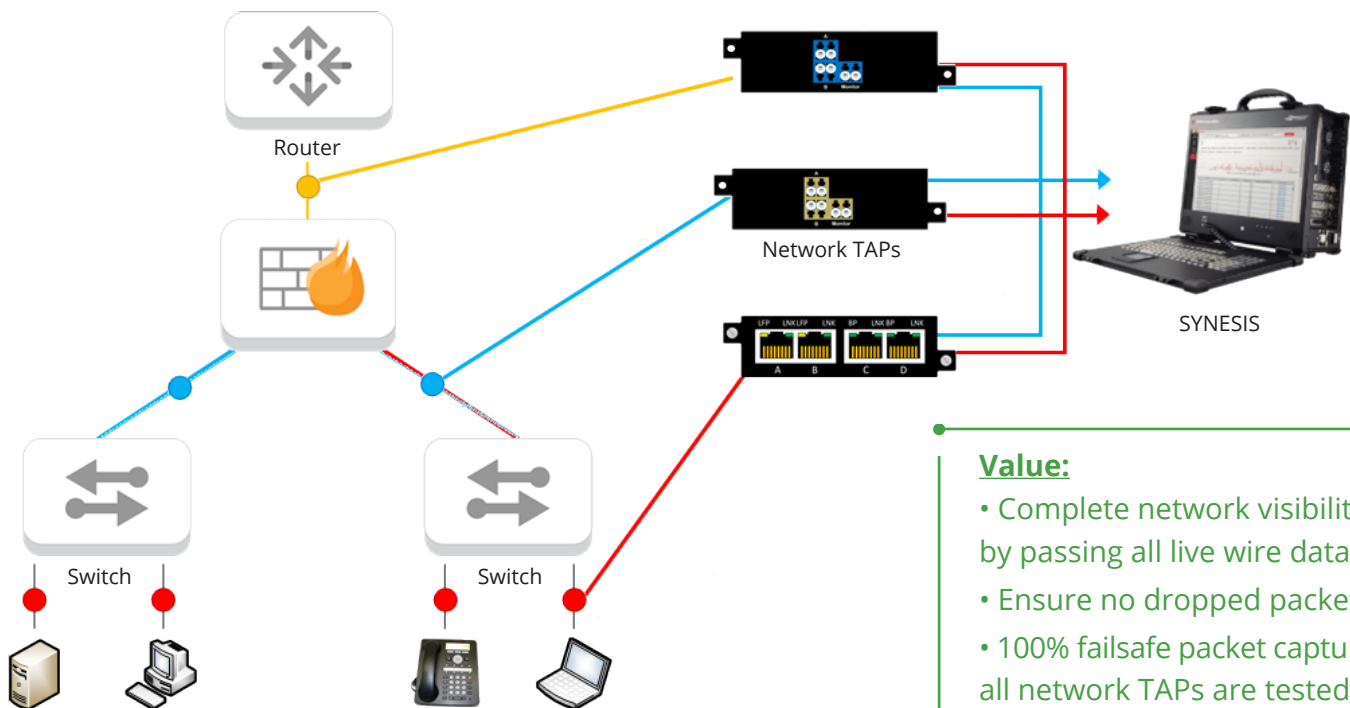
Security: Lawful Interception

How to Capture and Provide Accurate Data for Digital Legal Evidence

Recently, a law enforcement agency reached out to Garland Technology who was tasked with a lawful intercept case. Lawful Intercept (LI) is a term used to describe a scenario when a government Law Enforcement Agency (LEA) is granted the legal means to obtain communications network data pursuant to lawful authority for the purpose of analysis or evidence

Pain point: To ensure the quality of evidence, the agency has to adhere to specific regulations providing clear access to all data without any loss of information or impact on the network being monitored, while adhering to warrant parameters, including time span, types of communications, and many more.

Goal: Properly capture and store the data according to the warrant parameters, and deliver data directly from the source to the mediation device without any human intervention or packet loss.



Value:

- Complete network visibility by passing all live wire data
- Ensure no dropped packets
- 100% failsafe packet capture, all network TAPs are tested and validated
- Complete data capture and storage
- Support high rates of 100G or more
- Network TAPs are CALEA approved

Solution: Garland Technology and TOYO's Synesis offers an integrated solution that combines Garland's network TAPs (test access points), that deliver a 100% complete full duplex copy of network traffic, without packet loss, to the Synesis network packet recorder for high speed data packet capture without sacrificing high fidelity lossless packet capture performance at any speed 1G/10G/40G/100G.

This joint solution provides the two critical components, TAPs and network recorder appliances, for successful LI. The inability to access and record completely at these high data rates compromises the integrity of the surveyed data. More importantly, incomplete data captures may not hold up in the court of law.

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