

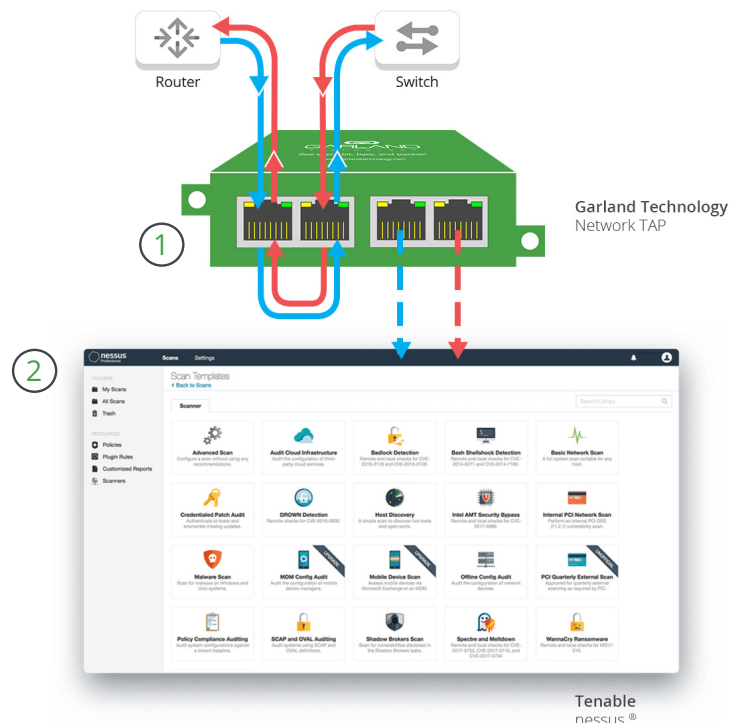


Identifying Vulnerable Traffic in IT and OT Environments

Eliminating Blind Spots and Continuous Monitoring Across Critical Infrastructures

Billions of IoT devices equal massive disruption. As new connected devices populate modern plants and factories, they provide major disruption to OT infrastructures and makes them increasingly vulnerable to cyber threats. Without comprehensive OT security, your attack surface and attack vectors increase, leading to unacceptable risk. Laying the proper network connectivity architecture to incorporate these ICS security solutions rely on one fundamental foundation concept - 360 degree visibility. And all of that starts with the packet.

By gaining complete packet-level visibility, networks can ensure continuous monitoring by detecting vulnerabilities in potential blind spots. As infrastructures continue to conduct digital transformations introducing IoT and smart technology, these files become increasingly difficult to detect and require continuous non-intrusive monitoring. Tenable and Garland Technology effectively eliminate blind spots which can harbor lateral threats that can traverse IT and OT. Together we deliver a full stream of traffic for complete coverage of your modern attack surface, unifying your OT and IT security that detect threats early and proactively addresses vulnerabilities. Without complete visibility, security and control across the converged IT and OT, the likelihood of getting attacked is not a matter of if, it's a matter of when.



HOW IT WORKS

1. Intelligent network visibility starts by using physical and virtual TAPs to copy full-duplex traffic from any IT and/or OT network at each layer and site. Garland's Network TAPs help overcome limitations that occur when SPAN/Mirror ports are used, providing complete network visibility from each DCS, PLC or segment that needs monitoring.
2. To optimize the network traffic, the tapped data is delivered to a Garland PacketMAX Packet Broker for aggregation, load-balancing and any necessary filtering.
3. Once aggregated, the packet-level data feed Tenable OT Security for efficient and continuous monitoring.

Integration Benefits

By capturing and sending packet traffic from anywhere in the network Garland is able to provide complete visibility across the entire network. Tenable OT Security is then able to gain full visibility for deep packet inspection, helping to unify OT and IT security teams. The security solution provides unidirectional connectivity with diode functionality and streamlined network complexity through traffic aggregation. By eliminating OT and IT blind spots and reducing network complexity, Garland Technology and Tenable OT Security provides a passive monitoring solution to manage your entire ecosystem.

IT and Security Operations Benefits

- Full-duplex copy of network traffic ensuring no dropped packets.
- Provide 100% network visibility with unidirectional data diode functionality across converged IT/OT operations eliminating blind spots that can harbor lateral threats.
- Detect and mitigate threats that impact industrial and critical operations by leveraging multiple detection methodologies.
- Identify and track IT and OT assets. Gain deep knowledge and situational awareness into the operation and state.
- Reduce risk by identifying vulnerabilities and potential threats before they become exploits and impact industrial operations.
- Track configuration changes with full audit trail capabilities.
- Determine whom, what, and why changes were made as well as the result of those changes.
- Accommodate extreme OT environments with rugged TAPs, DIN rail mounts, DC power connectors, and locking power supplies.
- Network TAPs have no IP or MAC address and cannot be hacked.
- Easy TAP and Packet Broker configuration and deployment improves reliability and reduces costs.

About Tenable

Tenable® is the Exposure Management company. Approximately 43,000 organizations around the globe rely on Tenable to understand and reduce cyber risk. As the creator of Nessus®, Tenable extended its expertise in vulnerabilities to deliver the world's first platform to see and secure any digital asset on any computing platform. Tenable customers include approximately 60 percent of the Fortune 500, approximately 40 percent of the Global 2000, and large government agencies. Learn more at tenable.com.

About Garland Technology

Garland Technology is an industry leader delivering network products and solutions for enterprise, service providers, and government agencies worldwide. Since 2011, Garland Technology has developed the industry's most reliable test access points (TAPs) and packet brokers, 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.

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