Solution Brief

Identify Vulnerable Traffic with Non-Intrusive Continuous Visibility

Eliminating Blind Spots Across Converged OT/IT Environments

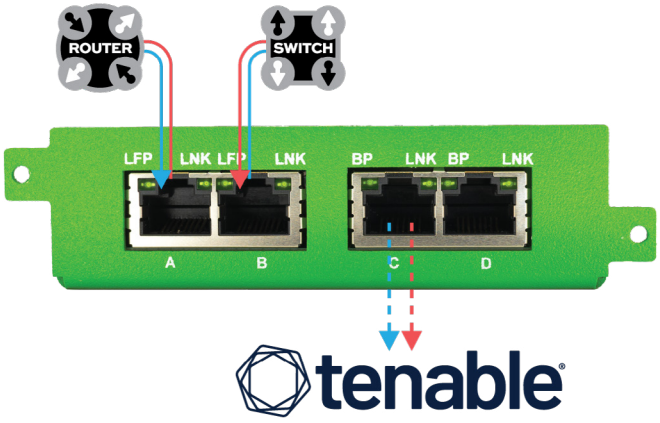
Obtaining useful data to reduce vulnerabilities is a key challenge most organizations face while working to secure their network. That's why it's critical to start with an accurate and complete picture of your network. When network traffic and data are missing, it can be easy to miss security threats. Customers who have complete packet-level visibility of their network, have a unified visibility platform across converged OT and IT environments, eliminating blind spots where threats can lurk between OT, IoT, and IT assets.

The Tenable and Garland Technology joint solution provides comprehensive deployments for optimal data collection and continuous visibility. Together we deliver a full stream of complete packet-level data to enhance comprehensive visibility, advanced threat and anomaly detection, and vulnerability management, which is easily deployed across converged OT/IT environments.

Simple Solution for Quick Performance Monitoring

HOW IT WORKS

1. For simple network access, Garland's Network TAPs provide complete packet visibility from any segment in the network.
2. The packets are then delivered to Tenable One OT Exposure, which delivers continuous monitoring and profiling of assets, and analyzes network traffic at the packet level to provide visibility to vulnerabilities with full asset discovery.



Joint Solution Benefits

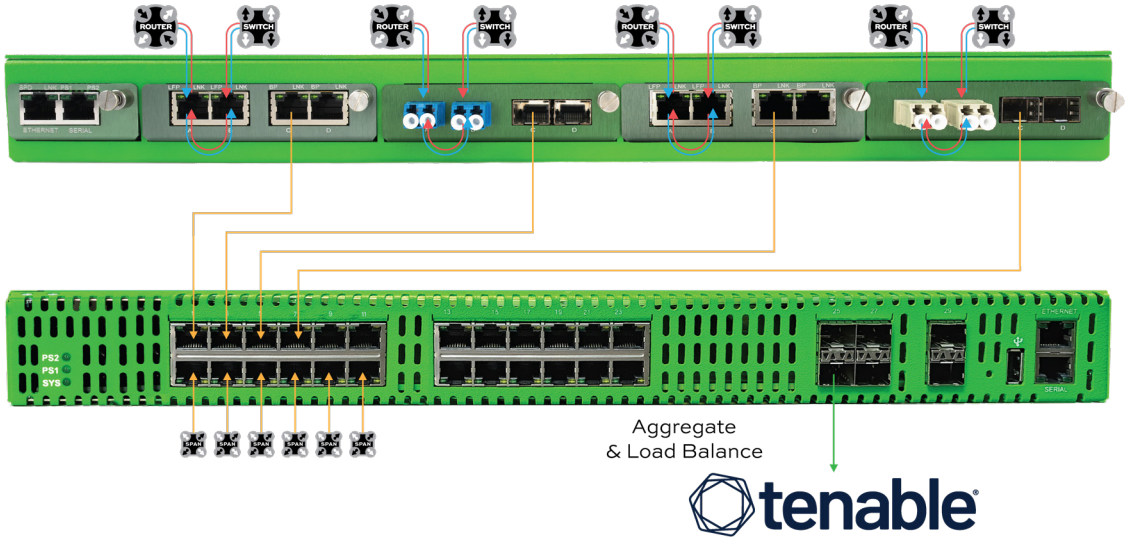
- Turn complete packet visibility into live discovery of any digital asset across any computing environment.
- Continuous visibility into whether an asset is secure or exposed to risk.
- Reduce risk by identifying vulnerabilities and potential threats before they become exploits and impact industrial operations.
- Measurement of cyber exposure as a key risk metric for strategic decision support.
- Full-duplex copy of network traffic ensuring no dropped packets.
- Over 450 out-of-the-box, pre-configured templates are included for a range of IT and mobiles assets to help quickly understand where there are vulnerabilities.
- Reliable and scalable traffic aggregation provides flexible deployment options.
- Accommodate extreme OT environments with rugged TAPs, DIN rail mounts, DC power connectors, and locking power supplies.

Solution Brief

Scalable Security at the Perimeter of Your Network Infrastructure

HOW IT WORKS

1. As environments scale, and the number of links increases, Garland Technology introduces a modular chassis that can be populated with different types of copper or fiber TAPs depending on the available media types.
2. All of the tapped traffic, along with any additional SPAN feeds, or encapsulated traffic streams are fed into a Network Packet Broker to groom the traffic. The packet broker will aggregate and load balance the traffic to optimize port efficiency on the Tenable One OT Exposure appliance.
3. The aggregated traffic is then sent to Tenable One OT Exposure where the traffic is ultimately analyzed and actioned.



Integration Benefits

Using Garland's visibility hardware to access packets anywhere in the network, Tenable One OT Exposure can gain full visibility for deep packet inspection and vulnerability assessment. Security teams spend less time assessing, prioritizing, and remediating issues, and they get a unified view of their IT/OT security posture.

About Tenable

Tenable® is the exposure management company, exposing and closing the cybersecurity gaps that erode business value, reputation and trust. The company's AI-powered exposure management platform radically unifies security visibility, insight and action across the attack surface, equipping modern organizations to protect against attacks from IT infrastructure to cloud environments to critical infrastructure and everywhere in between. By protecting enterprises from security exposure, Tenable reduces business risk for over 40,000 customers around the globe. Learn more at www.tenable.com

About Garland Technology

Garland Technology is an industry leader of IT and OT network solutions for enterprise, critical infrastructures, and government agencies worldwide. Since 2011, Garland Technology has been engineering and manufacturing simple, reliable, and affordable Network TAPs and Network Packet Brokers in Richardson, TX. For help identifying the right IT/OT network visibility solutions for projects large and small, or to learn more about the inventor of the first bypass technology, visit GarlandTechnology.com

Have Questions?

sales@garlandtechnology.com | +1 716.242.8500

GarlandTechnology.com/tenable

GARLAND TECHNOLOGY

See every bit, byte, and packet®

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