

Gigamon and Trend Micro: Bringing Security Vulnerabilities to Light



The Challenge

Your organization is under siege by increasingly sophisticated, ever-evolving threats that take advantage of newly discovered and long-forgotten vulnerabilities. Fighting back requires robust security solutions at the edge of and inside your network, coupled with threat intelligence to protect against not only known and unknown threats but also undisclosed vulnerabilities.

Integrated Solution

Integrated with Gigamon Visibility and Analytics Fabric™, Trend Micro™ TippingPoint™ Threat Protection System (TPS) is a powerful network security platform that offers comprehensive threat protection against known and undisclosed vulnerabilities with high accuracy.

Joint Solution Benefits

- Offers detailed visibility into all network layers and resources, providing coverage across different threat vectors from advanced threats, malware and phishing
- Inspects and protects asymmetrically routed traffic natively, resulting in a simplified deployment architecture
- Delivers physical network traffic to tools so it can be monitored and analyzed together
- Sends relevant traffic — or relevant sessions — to the connected tools, so Trend Micro TippingPoint TPS doesn't become overloaded with irrelevant traffic

Introduction

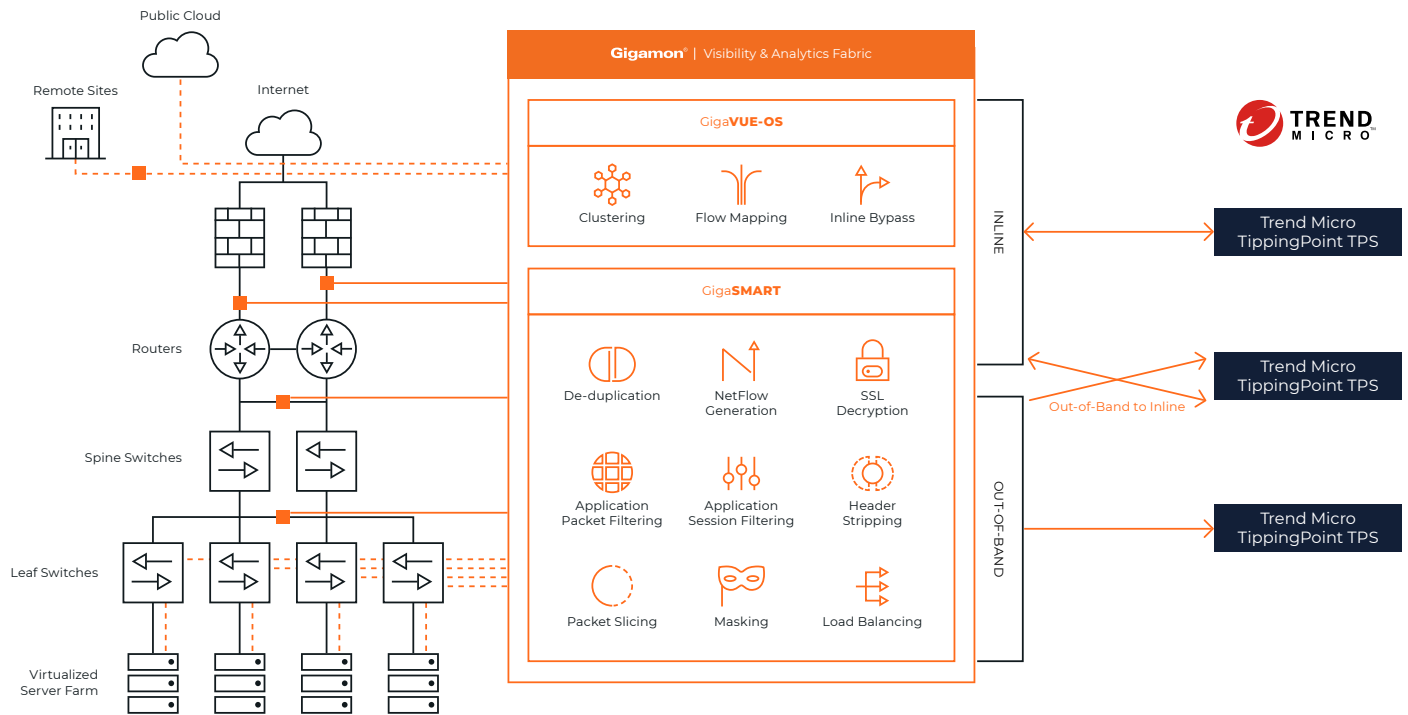
Trend Micro TippingPoint TPS enables security teams to adopt a more proactive security posture, by providing comprehensive contextual awareness and deeper analysis of network traffic. It combines deep packet inspection, threat and URL reputation, and advanced malware analysis on a flow-by-flow basis to help detect and prevent attacks on the network.

It also delivers the same low latency and high-performance security controls while under load, so it won't have a negative impact on day-to-day business.

The Gigamon–Trend Micro TippingPoint TPS Joint Solution

Gigamon Visibility and Analytics Fabric™ enhances the Trend Micro TippingPoint TPS by providing:

- **Easy access to traffic from physical network:** The Gigamon Visibility and Analytics Fabric enables traffic from across the network to be managed and delivered to tools efficiently and in the format they need.
- **Resilience of solution:** Deploy security devices inline and use the Gigamon Inline Bypass functionality to provide physical bypass traffic protection in the event of power loss and logical bypass traffic protection in the event of an inline tool failure.
- **TLS/SSL decryption:** The Gigamon Visibility and Analytics Fabric is used to decrypt SSL encrypted traffic for inspection by security tools and any other devices connected out of band.
- **Deduplication:** Pervasive visibility requires tapping or copying traffic from multiple points in the network, which in turn, means tools may see the same packet more than once. To avoid the unnecessary packet-processing overhead on Trend Micro TippingPoint TPS tools, the Gigamon Visibility and Analytics Fabric removes duplicates before they consume resources.
- **Traffic filtering:** The Gigamon Visibility and Analytics Fabric can be configured to only send relevant traffic — or relevant sessions — to the connected tools, so the Trend Micro TippingPoint TPS tools don't become overloaded with irrelevant traffic.
- **Aggregation to minimize port tool use:** Where links have low traffic volumes, the Gigamon Visibility and Analytics Fabric can aggregate these together before sending them to the Trend Micro TippingPoint TPS tools in order to minimize the number of ports that need to be used. By tagging the traffic, the Gigamon Visibility and Analytics Fabric ensures the source of traffic can be identified.



About Gigamon

Gigamon is the first company to deliver complete network visibility and analytics on all information-in-motion, from raw packets to apps, across physical, virtual and cloud infrastructure. We aggregate, transform and analyze network traffic to solve for critical performance and security needs, including rapid threat detection and response, freeing your organization to drive digital innovation. Gigamon has been awarded over 75 technology patents and enjoys industry-leading customer satisfaction with more than 3,000 organizations, including over 80 percent of the Fortune 100. Headquartered in Silicon Valley, Gigamon operates globally. For the full story on how Gigamon can help you to run fast, stay secure and innovate, please visit www.gigamon.com.

About Trend Micro

Trend Micro, a global leader in cybersecurity, helps make the world safe for exchanging digital information. Leveraging over 30 years of security expertise, global threat research, and continuous innovation, Trend Micro enables resilience for businesses, governments, and consumers with connected solutions across cloud workloads, endpoints, email, IIoT, and networks.

Our XGen™ security strategy powers our solutions with a cross-generational blend of threat-defense techniques that are optimized for key environments and leverage shared threat intelligence for better, faster protection. With the world's most advanced global threat research and intelligence, Trend Micro enables organizations to secure their connected world. www.trendmicro.com

For more information on Gigamon and Trend Micro, visit gigamon.com and trendmicro.com

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