

Solution Brief

Threat Prevention



50%

gain in security
team productivity.¹

Key Benefits

- ✓ Increase the effectiveness of cybersecurity tools by giving them visibility to network traffic across the infrastructure.
- ✓ Reduce costs by optimizing security tools so they better protect network traffic and applications.
- ✓ Dramatically reduce the time and effort needed to test and deploy new security technologies and tools.
- ✓ Ensure that SSL traffic is decrypted and inspected efficiently.
- ✓ Enable NetOps and SecOps to deploy secure applications and new security tools faster without impeding the network or having to wait for a maintenance window.

An inline threat prevention strategy should be more than a collection of security tools. It needs to be an integrated and intelligent approach. A complete threat prevention solution not only enhances the performance of prevention tools, but it also increases the efficiency of operations teams by enabling them to quickly deploy patches and implement new technology without impacting network performance or relying on maintenance windows. The Gigamon inline bypass threat prevention solution will help you reduce costs while simultaneously maximizing prevention tool performance, network resiliency and operational efficiency.

The Gigamon Inline Bypass threat prevention solution is part of the GigaSECURE® Security Delivery Platform (GigaSECURE), a next-generation network packet broker that is purpose-built for security. It lets you access the data across your entire infrastructure – on-premises, and in virtual and cloud environments. You can optimize security tools by delivering just the traffic that they are designed to inspect, load balance across multiple tools and offload processor-intensive tasks like SSL decryption. Integrated physical and logical bypass functions provide the highest resiliency and facilitate simple testing and rollout of inline tools without impacting network availability and performance.

Increase the Effectiveness of Existing Cybersecurity Tools

The ability to efficiently access data to detect and respond to threats is a challenge. To solve these problems without buying more security tools or adding staff, GigaSECURE allows you to:

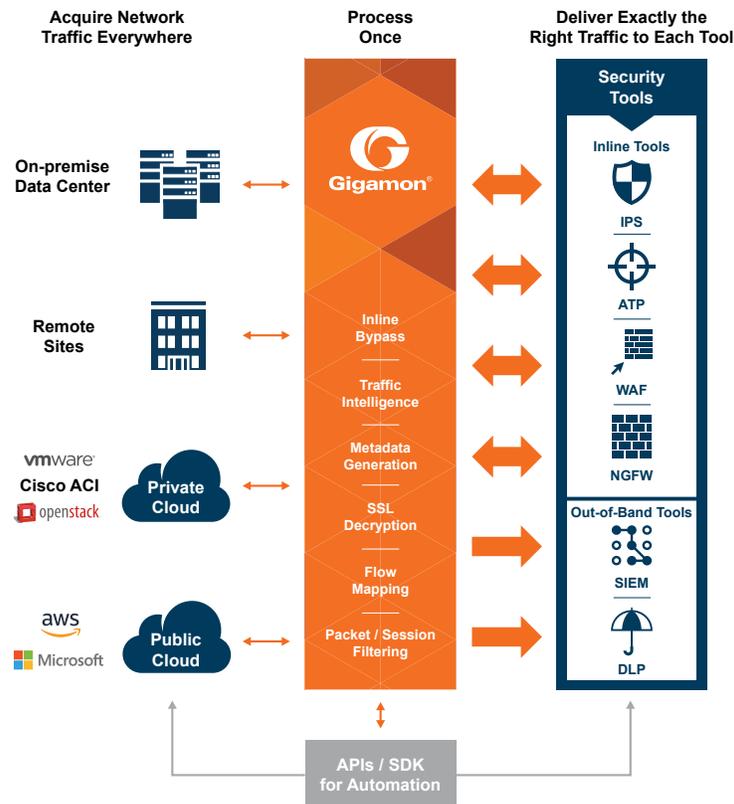
- Optimize performance by providing only relevant data to your tools.
- Scale prevention tools with network speed and upgrades.
- Access data across the organization for faster time to detection.
- Decrypt once, share the data with all tools.

Reduce the Cost of Cybersecurity Tools

Rising network traffic forces enterprises to add and upgrade their security tools. This drives up hardware and software budgets and makes the cybersecurity infrastructure more complex and costly to manage. The GigaSECURE Security Delivery Platform can break this cycle by helping to:

- Offload tasks such as de-duplication and SSL decryption.
- Send tools only the information they need - no more.
- Load balance across multiple tools to eliminate wasted capacity.
- Reduce complexity and lowering security management costs.

¹The Total Economic Impact™ of Gigamon, a commissioned study conducted by Forrester Consulting on behalf of Gigamon, April 2016



The GigaSECURE Security Delivery Platform: Eliminate blind spots, increase performance, improve resiliency.

Test and Deploy New Cybersecurity Technologies Faster

With new threats emerging every day, IT organizations need to frequently upgrade or introduce new cybersecurity tools and technologies. With a security delivery platform you can:

- Test new security tools without compromising performance.
- Evaluate multiple security tools side by side.
- Deploy security tools without impacting network performance.
- Rollout new tools without the need for expensive network cards.

Leverage the Power of the Gigamon Ecosystem

GigaSECURE empowers the inline security tools – such as the Cisco FirePOWER Intrusion Prevention System (IPS), the FireEye Network Security Advanced Threat Prevention (ATP) solution and the Imperva SecureSphere Web Application Firewall (WAF) – to see, secure and prevent intrusions within growing network traffic and during software upgrades. By bringing threat traffic to the front of the line, offloading SSL decryption and boosting resiliency, Gigamon along with its ecosystem partners make your network more accurate and efficient.

The GigaSECURE Security Delivery Platform

As illustrated in the diagram, the GigaSECURE Security Delivery Platform:

- Provides simplified access to network traffic across an organization.
- Delivers selected traffic of interest required by individual security tools, both inline and out of band.
- Offloads processor-intensive tasks such as SSL decryption and de-duplication from individual tools.
- Uses traffic intelligence to optimize network traffic or extract metadata from network traffic and deliver to the appropriate security tool.
- Provides a programmatic interface for integration with the security and infrastructure stack, enabling dynamic response to infrastructure changes, events and other early indicators of compromise.

For More Information

To find out how the GigaSECURE Security Delivery Platform can help you improve security and reduce costs, visit www.gigamon.com