FORTINET

Fortinet and Gigamon

Challenge	Gigamon + Fortinet
Building a zero-trust architecture requires granular visibility and an understanding of network infrastructure and activity.	Deployed together, Gigamon and Fortinet help customers: ▪ Identify and classify applications ▪ Map flows of sensitive data ▪ Understand network, devices, and application metadata Once the underlying data is collected and put into context, organizations can use Gigamon and Fortinet to take action, enforcing security controls in real time and detecting and responding to suspicious behavior and policy violations.
Planned and unplanned events can disrupt network traffic, introducing performance issues and risks.	Gigamon monitors the health of Fortinet assets deployed inline, and in the event of a disruption, Gigamon will bypass traffic around the failing tool. Alternatively, Gigamon can bring down the network link and route the traffic to a redundant network path.
High performance overhead and cost of decrypting secure sockets layer (SSL) traffic for analysis can waste processing power and increase costs.	Gigamon performs centralized SSL decryption before network traffic is sent to Fortinet (and other tools) for analysis or optimization, saving resources.
Increased traffic volumes require security to scale.	Gigamon improves scalability by distributing the traffic across multiple Fortinet appliances, allowing them to share the load and inspect more traffic.
Accurate network activity logs are essential to a zero-trust strategy.	Together, Gigamon and Fortinet can help organizations populate their logs with accurate data, augmented with additional intelligence and context, to provide real-time feedback on their security posture and quickly spot security issues.

Top 3 Customer Benefits

- **Scalable Threat Protection**
  Protect assets and users anywhere in the environment, without limiting the speed or capacity of network operations.
- **Minimize Disruption**
  Add, remove, or upgrade Fortinet devices without disrupting network traffic, moving them from out-of-band monitoring to inline, on the fly, without rewiring or downtime.
- **Maximize Efficiency and ROI**
  Maximize protection while achieving maximum efficiency from deployed Fortinet assets by only delivering relevant and optimized traffic and hybrid Software-as-a-Service (SaaS)-based ThreatINSIGHT.

Top 3 Sales Plays

- **Zero Trust**
  Granular visibility with context and powerful controls give organizations the tools they need to realize zero trust.
- **Improved Security Posture**
  Protect against known and unknown threats—such as ransomware, malicious botnets, zero-day, and encrypted malware.
- **Encrypted Data Inspection, Including TLS 1.3**
  Decrypt traffic once and send to multiple Fortinet devices for inspection and analysis.

Combined Value

Increasingly complex networks and high traffic volumes can make it a challenge to protect and monitor environments for known and unknown threats in an efficient and timely manner. The best approach organizations can take? Trust nothing, inside or outside the network perimeter.

Together, Fortinet and Gigamon enable organizations to understand activity anywhere in the network so data control implementation and threat detection and response can be scaled to any environment. This approach allows companies to take zero trust from a concept to actively practicing it across their own environment.

Data Control

Discovery

FortiGate SD-WAN

- Provides ability to collect data from the remote and branch sites where controllers reside

Gigamon Visibility and Analytics Fabric

- Easily deploy SSL interception for full view of network traffic for tools and analytics at enterprise-scale

FortiGate/FortiNAC Device Discovery

- Active device discovery and enumeration

Gigamon ThreatINSIGHT

- Passive device discovery and enumeration

Data Control Implementation

Fortinet Internal Segmentation

- Implement microsegmentation with Fortinet internal intent-based segmentation

Gigamon ThreatINSIGHT

- Provides visibility of active threats and detections on your network

Fortinet Secure Web Gateway

- Control web access and block threats for on-premises and WFH devices with SWG

Intelligence

Monitor, Detect, and Respond

Gigamon ThreatINSIGHT

- Network detection and response at scale for any environment
- Leverage advanced machine learning (ML) and threat intelligence resources to detect active threats
- SaaS network activity and forensics data provides enterprise-scale data storage with quick search performance
- Provides visibility of device activity to microsegmented networks

FortiSOAR + FortiSIEM

- Integrate tools and actions
- Accelerate security operations and incident response

FortiEDR

- Leverage advanced automated endpoint protection with best-in-class network protection

Shared Customer Success Story | Global Enterprise

Challenge

Diminished visibility of network traffic due to continually expanding attack surface and digital transformation.

Considerations

Avoid overreliance on point defense products because they create gaps that leave vulnerabilities unpatched or open to attackers.

Solution

Reduce risk and effectively mitigate attacks of expanding attack surface with unified visibility, access control, and network segmentation across global sites, leveraging Gigamon and Fortinet cybersecurity solutions.

Outcome

Improve network visibility up to 75%. Reduce hardware and software costs by 50% as a result of deploying a cloud-based solution. Realized up to a 50% reduction in network downtime and a 50% increase in security resource efficiency.

Fortinet in Brief

Fortinet empowers its customers with intelligent, seamless protection across the expanding attack surface and the power to take on ever-increasing performance requirements of the borderless network—today and into the future. Only the Fortinet Security Fabric architecture can deliver security without compromise to address the most critical security challenges, whether in networked, application, cloud, or mobile environments.

Gigamon in Brief

The Gigamon Visibility and Analytics Fabric captures all information-in-motion, from raw packets to apps, across physical, virtual and cloud infrastructure. The Gigamon Visibility and Analytics Fabric captures all network data, processes it and sends it to the tools and teams who need it. Using a single integrated platform, digital teams can choose advanced capabilities for easing network burdens, analyzing applications, and detecting and responding to threats.

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