

Corelight and Gigamon Optimize Network Security

Overview

Corelight's integration with Gigamon accelerates and streamlines network detection and response with consistent, lossless, and efficient network visibility across hybrid and multi-cloud environments. Corelight's Open NDR Platform disrupts attacks, accelerates incident response, and increases SOC efficiency, while the Gigamon Deep Observability Pipeline provides plaintext network visibility across hybrid and multi-cloud environments while reducing infrastructure costs. The combination of Corelight and Gigamon offers organizations that rely on the cloud a best-of-breed solution to protect their environments against evolving threats while simplifying security management.

Key Features

- Delivers full-fidelity packets to Corelight sensors, enabling improved visibility and threat detection
- Combines rich, correlated network logs with evidence-based detections to accelerate investigations and response
- Reduces cloud costs with intelligent traffic filtering from Gigamon and Corelight's efficient data aggregation
- Provides real-time analytics and rich security context for faster incident response
- Scales seamlessly across hybrid and multi-cloud environments with centralized visibility management

The Challenge: The Costs of Securing Scaled Cloud Workloads

Scaling cloud workloads often leads to challenges in maintaining network visibility and enforcing consistent security policies across various cloud platforms. Default packet mirroring options from cloud providers do not offer plaintext visibility of encrypted traffic and in most cases require additional components like load balancers, which increase the cost by 500 percent or more. In addition, organizational complexity between cloud and security teams can create operational gaps, leaving systems vulnerable to adversaries that move undetected within cloud environments.

The Solution: Empowering Security Teams at the Speed of Attack

By combining the Gigamon Deep Observability Pipeline with Corelight's Open NDR Platform, organizations gain unparalleled visibility into their network traffic

to supercharge their threat detection and response capabilities. Gigamon efficiently captures and delivers high-fidelity mirrored packets from across hybrid and multi-cloud environments, ensuring that no critical network activity goes unnoticed. Corelight's Open NDR then transforms this rich network data into actionable security insights, leveraging its powerful analytics and evidence-based detections to identify sophisticated threats across the network. This seamless integration empowers security teams with deeper context, faster investigation workflows, and improved mean time to detect and respond (MTTD/MTTR), ultimately strengthening their overall cybersecurity posture.

For ultra-sensitive workloads, when decryption isn't an option, Corelight's Encrypted Traffic Collection provides deep insights into encrypted traffic by applying machine learning and behavioral analysis to correlated network metadata collected by Corelight sensors, ensuring organizations can detect and respond to threats regardless of encryption status.

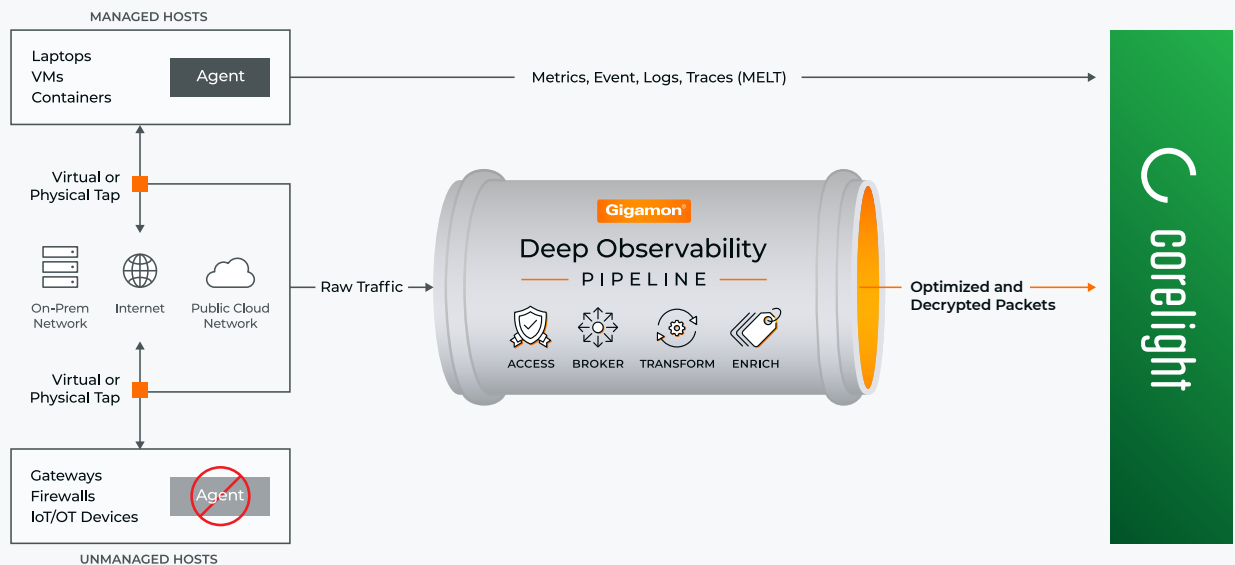


Figure 1. Gigamon accesses all network traffic and efficiently delivers network-derived intelligence and insights to Corelight for comprehensive application monitoring and security.

Additionally, the award winning Gigamon Precryption® technology gives you a clear advantage over adversaries by providing plaintext visibility of encrypted traffic across virtual, cloud, and container instances. No decryption required. Precryption is a special integration with Linux eBPF technology, which will mirror traffic in plaintext to Corelight sensors before encryption on the cloud network, enabling security teams to inspect clear data and spot more indicators of compromise, without breaking encryption protocols.

Key Benefits

Corelight's integration with Gigamon empowers security teams to accelerate incident response, simplify security operations, and enhance enterprise resilience against cyber threats with complete, multi-cloud network visibility, high-fidelity network data, and best-in-class network detections.

Get Complete Visibility

The integrated Gigamon and Corelight solution delivers complete network visibility by providing full-fidelity packet access, enriched security insights, and flexible encrypted traffic analysis across hybrid and multi-cloud environments.

Improve Network Detection And Coverage

Combining Gigamon deep observability with Corelight's advanced analytics, the solution enhances network detection and coverage across multi-cloud environments, identifying threats in both decrypted and encrypted traffic.

Accelerate Response

With Corelight's advanced analytics and the full packet visibility of Gigamon, organizations are able to accelerate investigations by providing security analysts with comprehensive, real-time data across multi-cloud environments, enabling faster identification and understanding of threats.

Increase Operational Efficiency

The Gigamon flexible solution supports both cloud and on-premises environments, while Corelight consolidates legacy tools like traditional network monitoring and IDS, streamlining security and reducing tool sprawl across infrastructures.

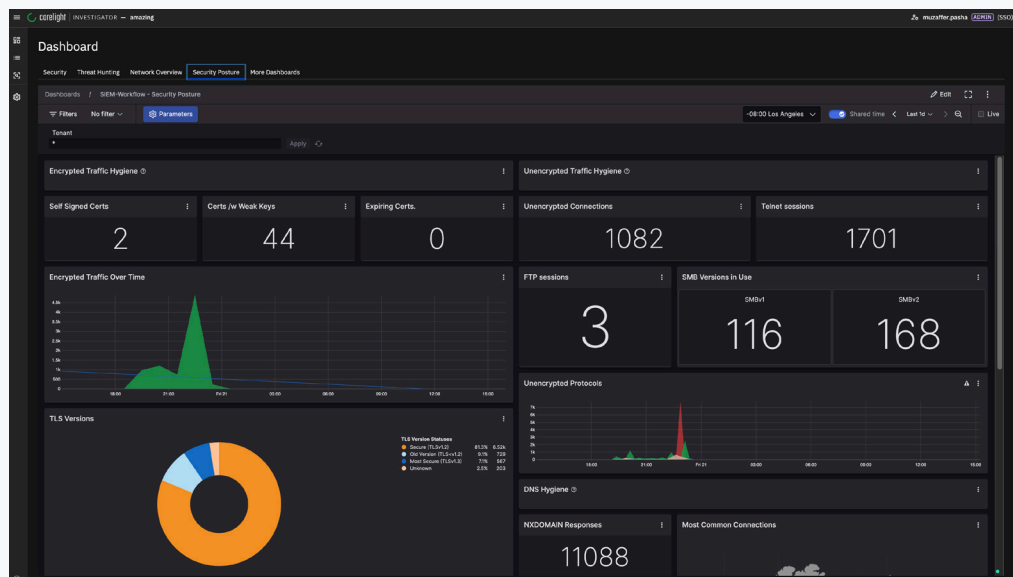


Figure 2. Network traffic from Gigamon viewed in the Corelight Open NDR platform.

About Corelight

Corelight transforms network and cloud activity into evidence so data-first defenders can stay ahead of ever-changing attacks. Delivered by our Open NDR Platform, Corelight's comprehensive, correlated evidence gives you unparalleled visibility into your network. This evidence allows you to unlock new analytics, investigate faster, hunt like an expert, and even disrupt future attacks.

About Gigamon

Gigamon® offers a deep observability pipeline that efficiently delivers network-derived telemetry to cloud, security, and observability tools. This helps eliminate security blind spots and reduce tool costs, enabling you to better secure and manage your hybrid cloud infrastructure. Gigamon has served more than 4,000 customers worldwide, including over 80 percent of Fortune 100 enterprises, 9 of the 10 largest mobile network providers, and hundreds of governments and educational organizations. To learn more, please visit gigamon.com.

For more information on Gigamon and Corelight, please visit
gigamon.com | corelight.com

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