Gigamon®

Your network is in the cloud, but that doesn't mean your head has to be.

Without deep observability, you're exposed.

Modern enterprises are quickly shifting from hybrid to multi-cloud deployments to accelerate the velocity of digital transformation initiatives and increase business agility, scalability, and customer responsiveness.

92%

of enterprises have
a multi-cloud strategy[1]

50%

make use of two or
more cloud providers[1]

Unfortunately, they must also contend with an ever-more dangerous threat landscape, increasing application performance expectations and escalating cost and complexity that can limit their ability to realize the full transformational promise of the cloud.

60 percent of IT leaders report being risk-averse due to a dramatic increase in cloud-centric data breaches.[1]

[1] Internal Gigamon research conducted in Q4 2021.

Today's Realities and Challenges

Today's visibility and monitoring tools fall short of addressing security threats like ransomware, maintaining service levels for applications in the cloud, and containing the cost and complexity of managing hybrid and multi-cloud environments.

Legacy security and network monitoring tools were architected for on-premises and virtualized datacenters, while emerging cloud, security, and observability tools are designed to work with modern cloud platforms, applications, and services but rely exclusively on metrics, events, logs, and traces which can expose organizations to security and performance blind spots.

This leaves organizations without a clear, complete, and consistent view of their hybrid and multi-cloud infrastructures.

This lack of visibility leads to challenges in three key areas:

- Security and compliance
- Digital experience
- Cost and complexity

Security and Compliance

Most organizations have invested years and countless dollars fortifying their security and compliance postures. As they shift toward hybrid and multi-cloud deployments, they must maintain this posture and extend it to include their cloud applications and assets.
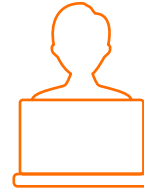
Digital Experience

One of the primary reasons organizations move to the cloud is to benefit from its scalability and new application architectures. As applications scale out, however, maintaining availability and delivering a superior digital experience can become exceedingly difficult.

Complexity and Cost

Cloud is more challenging than on-prem and dealing with multiple cloud providers makes it difficult to identify security threats and performance bottlenecks, dramatically increasing the cost and complexity of managing hybrid and multi-cloud environments.

Without deep observability, you're exposed.

An Emerging Requirement for Deep Observability

So where do enterprises turn to realize the full transformational promise of the cloud?

Deep observability defines a new frontier — complementing cloud, security, and observability tools with actionable network-level intelligence to eliminate security and performance blind spots.

This powerful combination empowers IT organizations to proactively mitigate security and compliance risk, deliver superior digital experiences, and ease the operational complexity of managing hybrid and multi-cloud environments.

Gigamon Hawk—A Deep Observability Pipeline

The Gigamon Hawk deep observability pipeline harnesses actionable network-level intelligence to amplify the power of cloud, security, and observability tools. This powerful combination enables IT organizations to assure security and compliance governance, speed root-cause analysis of performance bottlenecks, and lower operational overhead associated with managing hybrid and multi-cloud IT infrastructures.

## Eliminate Security and Performance Blind Spots

The Gigamon Hawk deep observability pipeline enables IT organizations to:

- Assure security and compliance governance
- Eradicate performance bottlenecks
- Lower operational overhead

Assure Security and Compliance Governance

Advanced security forensics and lateral threat detection based on immutable raw packet source assures the security compliance and integrity of information in motion.
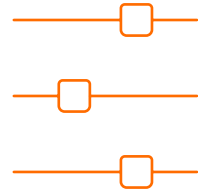
Eradicate Performance Bottlenecks

In-depth application visibility captures known and unknown events to speed root-cause analysis of performance bottlenecks to deliver consistent, high-quality digital experiences.

Lower Operational Overhead

Gain operational agility — identify and eliminate security and performance blind spots, breakdown silos, and contain runaway complexity and cost across hybrid and multi-cloud environments.

Excuse us, but your cloud security flaws are showing.

Going Beyond Current Approaches

Gigamon goes beyond current approaches that rely exclusively on metrics, events, logs, and traces (MELT).

Gigamon extends the value of cloud, security, and observability tools with real-time network intelligence derived from packets, flows, and application metadata to deliver defense in depth and complete performance management across hybrid and multi-cloud environments.

The result: Enterprise IT organizations can shift to a proactive security posture by pinpointing threats and anomalies to mitigate exposure to risk and expedite troubleshooting.

Don't get caught with your pants down. **Get deep observabilty from Gigamon.**

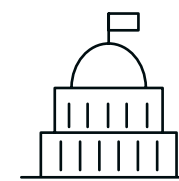# A Trusted and Innovative Market Leader

Gigamon is the market leader in network monitoring equipment and network detection and response (NDR) with more than 125 patents spanning key innovations.
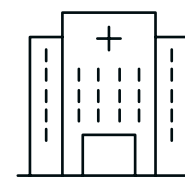
Gigamon serves the world's most demanding enterprises:

4,200+ CUSTOMERS WORLDWIDE	**10/10** U.S. FEDERAL AGENCIES	**83/100** FORTUNE 100 COMPANIES
8/10 TOP HEALTHCARE PROVIDERS	**9/10** TOP MOBILE NETWORK OPERATORS	**7/10** TOP GLOBAL BANKS
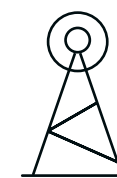
Final Thoughts

Gigamon leads the market in the delivery of pervasive and empowering visibility into information in motion, everywhere, enabling customers to achieve the full agility of a resilient digital infrastructure.

Let Gigamon supercharge your cloud, security, and observability tools today by giving them something they don't have: **actionable network-level intelligence.**

Find out more about deep observability

Learn more about how Gigamon can help

Gigamon®