Managing today's complex networks brings an easy task to navigate. Network operations teams must contend with a variety of platforms along with multiple monitoring and security tools designed to keep the network leisure and running smoothly.

What monitoring and management trends and challenges are IT and network operations executives experiencing today?

7 Insights into Today's Network Monitoring and Management Approaches

While 90% of organizations still maintain an on-premises environment, more than 60% of respondents also reported public and/or private cloud use at their organization. This points to the prevalence of hybrid deployments, which has its own set of challenges.

The majority of respondents listed downtime (72%) as their most insomnia-inducing network issue. Performance (51%) and emerging security threats (50%) also cause some restless nights.

Downtime during tool and network upgrades was also a major issue. Nearly half of those surveyed cited it as a problem for their organization.

Respondents rely on a broad range of network and security tools. Security improvements and/or cost reductions are top priorities for the coming months.

Network blind spots (35%) were cited as the leading obstacle to fast and accurate traffic data transmission to tools and teams. Cloud traffic (27%), encrypted traffic (24%), and intra host traffic (23%) were also commonly reported roadblocks.

There are 8 major roadblocks to monitoring and management.

1. Network blind spots
2. Cloud traffic
3. Encrypted traffic
4. Intrahost traffic
5. Protocol identification
6. Continuous data collection
7. Data correlation
8. deltas and signatures

53% of respondents
47% of respondents

Gigamon customers report an overall savings of 40-50% on tooling cost.

The first step to simplifying your network management and monitoring is to visit gigamon.com.