LiveAction

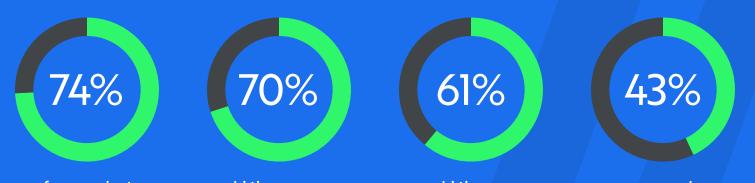
INFOGRAPHIC

Network Performance Monitoring Trends 2024^{*}



In today's hyper-connected world, network performance monitoring is more critical than ever. As organizations rely on digital infrastructure to operate efficiently, any disruptions can have significant consequences. This infographic explores the current state of network performance monitoring, highlighting key trends, challenges, and areas of prioritization to ensure optimal network performance and reliability.

The Network Landscape has Evolved, Growing More Diverse and Distributed



said they manage cloud environments, such as AWS or Azure. said they are running hybrid architectures that span on-premises environments with public and/or private cloud infrastructure. are managing WAN or SD-WAN networks.

of respondents said they manage on-premises networks, such as data centers, branch offices, and local-area networks (LANs).

Networking Teams Highlight 5 Significant Challenges

01 Lack of visibility into certain network areas, such as cloud, SD-WAN, ACI, Voice/Video, WLAN, etc.	57 %
O2 Complex setup and configuration	54%
03 Difficulty generating and/or lack of actionable insights	49 %
04 Lack of scalability as data volumes and network complexity increase	43%
05 High cost/budget	43%

Security and Network Monitoring are Moving Closer Together

INTEGRATED SECURITY WITH NPM **57%** report having integrated security with NPM

30% are considering integrating security with NPM

have not integrated security with NPM

Six Key Areas to Prioritize for Modern Network Performance Monitoring

O1 Real-time monitoring



of survey respondents listed real-time monitoring and alerting as one of their top NPM priorities.

O2 AI and machine learning



of respondents said AI and machine learning will have the biggest impact on NPM over the next 1-3 years.

O3 360-degree discovery and observability



of respondents reported that optimal performance and risk management requires full visibility of the entire network and everything on it.

O4 Integration & interoperability with security solutions



of respondents said it was either very important or important to them that their NPM solution was interoperable with their other network management and security tools.

05 Automation & orchestration



of respondents said leveraging greater automation and orchestration in their NPM efforts are important to their NPM strategies over the next 1-3 years.

06 Packet and flow analysis



of respondents listed the aggregation of multiple data sources (i.e. SNMP, FLOW, API, Packets, etc.) into a unified user interface as a top priority for their NPM solution.

The Future of NPM: Network Intelligence

Emerging capabilities in AI, automation, interoperability, and data are enabling forward-thinking organizations to evolve from network monitoring's reactive past to network intelligence's proactive future, one that is more predictive, more automated, higher performing, and more secure.

What is Network Intelligence?

Metwork Intelligence (NI) encompasses the data, technology, algorithms, and techniques used to collect, analyze and visualize network information in a connected business. NI represents the capacity of the network to combine active and passive techniques to monitor the links between apps and service performance, drawing together processes from flow, packet capture and deep packet inspection (DPI) to generate true business intelligence."

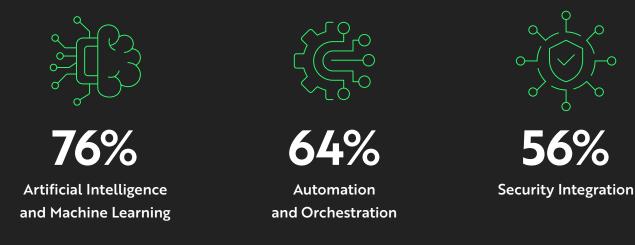
– <u>ITPro</u>

The Future is Now



of respondents state the shift to network intelligence is either already underway or will happen within the next three years.

Top Features Required for a Network Intelligence Solution



The network monitoring evolution is giving way to Network Intelligence, a path forward to smarter, faster, more secure networks.

LiveAction is at the forefront of this paradigm shift with solutions to help you maximize the potential of your network's performance while safeguarding your business from risks.

Learn how LiveAction can help at https://www.liveaction.com/solutions/network-performance/

*All statistics are sourced from the Network Performance Monitoring Trends Report 2024 conducted by 1105 Media, Inc.

Live**Action**

© Copyright 2024 - LiveAction. All Rights Reserved.

901 Campisi Way, Suite 222 Campbell, CA 95008 (888) 881-1116 LiveAction provides end-to-end visibility for network security and performance. By relying on a single source of truth – the packets – LiveAction gives modern enterprises the confidence needed to ensure the network is securely meeting business objectives, providing full network visibility to better inform NetOps and SecOps, and reducing the overall cost of network and security operations. By unifying and simplifying the source of collection, inspection, presentation, and analysis of network traffic, LiveAction empowers network and security professionals to proactively and quickly identify, troubleshoot, and resolve issues across increasingly large and complex networks.

To learn more about LiveAction, visit www.liveaction.com