To ensure positive user experiences, network operations teams must have tightly integrated, end-to-end visibility and management across the wired, wireless, and SD-WAN networks.

Distributed Environments Are Complex
Modern environments are distributed and complex, especially when you have separate network management systems.

Organizations must ensure that the network can meet the need of all the stakeholders while remaining agile enough to cost-effectively support changing business requirements. The most impactful challenges associated with increased network complexity include:

- Getting end-to-end visibility of a distributed network
- Ensuring adequate levels of network performance
- Acquiring the right level of networking knowledge, skills, or personnel
- Delivered direct internet access to all locations
- Lack of AI/ML or automation of Day 2 network operations to drive operational efficiency

73% of organizations report that their network environment has become more complex than it was two years ago.

Unified, End-to-end Visibility and Management Is Required
Organizations overwhelmingly cite the importance of unified, end-to-end visibility and management across their network environment.

99% of organizations cite end-to-end visibility of the network as important.

93% of organizations report unified wired, wireless, and SD-WAN as very important or critical.

Benefits of Tightly Integrated Solutions
Organizations deploying tightly integrated network solutions report a number of business, productivity, security, and performance benefits associated with having both unified network visibility and management across an end-to-end network environment.

Unified Network Visibility Benefits
- Improved customer experiences
- Improved network performance
- Greater operational efficiency
- Faster problem resolution

Unified Network Management Benefits
- Consistent and current network policies enforced
- Enhanced network security
- Faster deployment times
- More time to work on strategic initiatives

Integrated Solutions Drive Operational Efficiency and Business Benefits
Juniper provides an AI-Native solution for unified wireless, wired, and SD-WAN visibility and management.

SOURCE: Enterprise Strategy Group Research Report, A Network Perspective on SASE and SD-WAN, November 2023


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