

Overcoming Resource and Budget Constraints with AI-Native Wi-Fi

Modern IT environments are highly distributed and complex. Organizations require Wi-Fi solutions that drive operational efficiency in order to overcome resource and budget challenges.

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Top Goals of Digital Transformation

54%

of respondents said the top IT goal of digital transformation is to become **more operationally efficient**.



45%

of respondents said the top IT goal of digital transformation is the ability to provide a better and **more differentiated customer experience**.



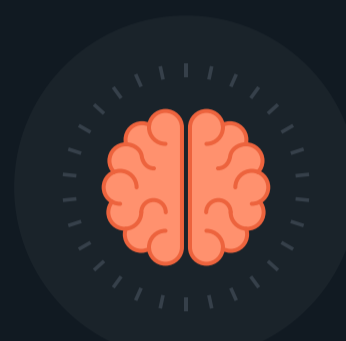
Challenges of Modernizing Wi-Fi Environments

Transitioning to new technology can be a challenge, especially when there are skill shortages and budget constraints.



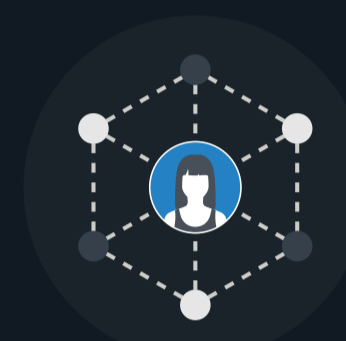
Digital Transformation

Keeping pace with constant business and technological change requires the network to be as agile as the devices connecting to it.



Scale and Agility

Soaring numbers of devices and new applications lead to frustrations with outdated Wi-Fi and drive growing bandwidth demands.



Resources and Budgets

There is a persistent need to do more with less and also too much time spent on reactive firefighting and not enough spent on planned work.

Network Budgets

While half of organizations cite a flat network budget, 45% are increasing their networking budget. Organizations should tap into their AI budgets, where almost two-thirds (63%) report an expected increase in spending.

» Artificial intelligence/machine learning



63%

Spending will increase

30%

Spending will stay flat

7%

Spending will decrease

» Networking equipment and connectivity



45%

Spending will increase

50%

Spending will stay flat

5%

Spending will decrease

"One of the top five measures organizations expect to use to overcome budget constraints will be purchasing **new technologies with improved ROI.**"



Bob Laliberte, Principal Analyst, ENTERPRISE STRATEGY GROUP

AI and Automation Models Help

Organizations are rapidly adopting network automation and AI solutions.



82%

of organizations report using network automation to some degree.



50%

of organizations are adding AI to their automation to some degree.

Leveraging Network Technologies with AI and Automation Provides Benefits

Organizations that have embraced solutions with AI and automation recognize significant benefits, including:



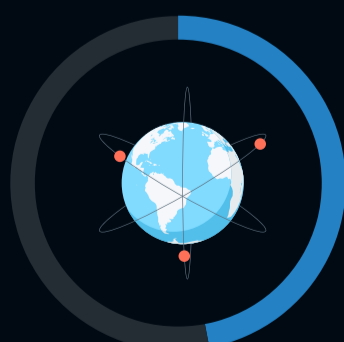
57%

The network team gaining time to work on **strategic initiatives**.



50%

Consistent configuration of a large number of network devices **due to the reduction of manual methods, such as CLIs**.



47%

Meeting service level agreements by **providing highly available and performant network environments**.



47%

Agility in provisioning new network devices through **scripting and other automation methods**.

Learn How Juniper Mist AI-Native Wireless Can Help

Organizations undergoing digital transformations with limited staff and budget constraints can benefit from solutions that leverage AI and automation. In networking, Juniper's Wi-Fi solutions, including Mist AI and the Marvis Virtual Network Assistant, can significantly reduce operational OpEx by relying on AI-Native capabilities that utilize more than nine years of learning to accelerate operational efficiencies and ensure optimal experiences.

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