

# 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**.



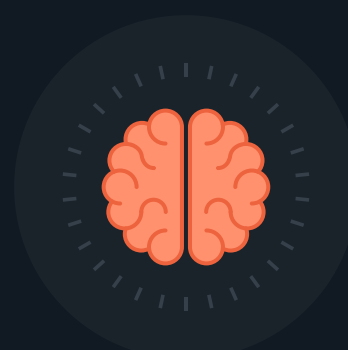
## Challenges of Modernizing Wi-Fi Environments

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



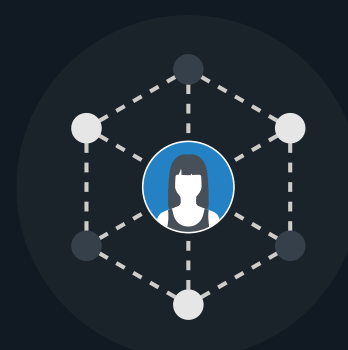
### Digital Transformation

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Soaring numbers of devices and new applications lead to frustrations with outdated Wi-Fi and drive growing bandwidth demands.



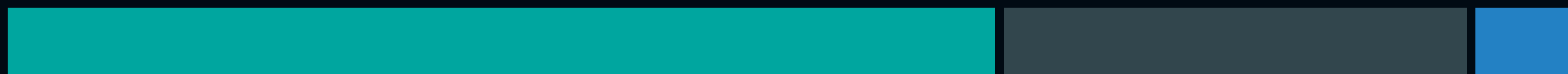
### Resources and Budgets

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:



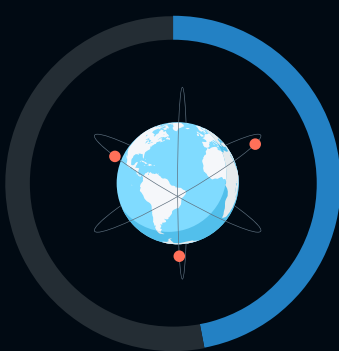
57%

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 networking 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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