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MODERNIZING FEDERAL NETWORKS FOR TODAY'S CHALLENGES

Agencies contend with:

Growing diversity and numbers of connected devices and systems

Data-intensive edge and internet of things (IoT) networks

Innovative technologies like AI, ML, and 5G

...all increasing network complexity and data transmission requirements.

Networks face relentless demands

Forty-four percent of respondents say their network hosts from 1,001 to 5,000 devices.

Federal professionals agree: It's time to modernize

In a recent survey of 150 federal government telecommunications decision-makers[1]:

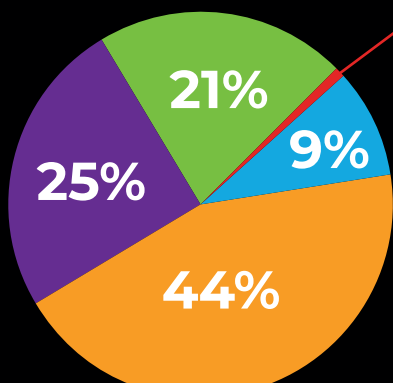**95%** experienced frustrations with their network

82% said their network impedes their ability to meet evolving mission demands

85% said now is the time for network modernization

23% said data at the edge is growing faster than they can handle

How many devices are currently on your network?

- Less than 500: 21%
- 500 to 1,000: 25%
- 1,001 to 5,000: 44%
- 5,001 to 10,000: 9%
- More than 10,000: 1%

Data growth is driving network modernization

To keep pace with these challenges, network modernization is top of mind.

Top drivers for modernization include:

37% Data growth at the edge

33% Cloud integration

33% Quality of service

84% 84% believe a modern, agile network is crucial to their agency's ability to efficiently adapt to changing mission requirements and technologies.

50% 50% of respondents said network modernization is their number one IT priority, while an additional 45% called it a top priority.

What's limiting today's networks?

Current networks are holding agencies back. They contend with:

32% Scalability limitations

30% Security concerns

30% Deploying new applications

29% Difficulty integrating emerging technology

To tackle these challenges, agencies are embracing next-generation technology

To keep pace with these challenges, Federal telecommunications leaders said a variety of network modernization efforts are in progress. Top initiatives include:

51% AI solutions

51% 5G network integration

48% Network automation and/or optimization

46% Network virtualization or software-defined networks

43% IoT network expansion

41% Single-pane-of-glass solution for network monitoring

39% Multicloud management

Half of respondents said their agency has begun to implement AI at the edge.

32% plan to start deployment in the next two years.

Move your agency forward on its modernization journey today

Learn more:
Download the full research paper now

Ready to learn more about how you can take a major step forward in modernizing your infrastructure?

Visit https://www.ruckusnetworks.com/solutions-lp/whats-next-for-agency-modernization/

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