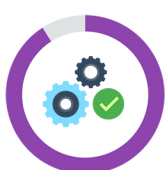


Network Automation with NEC's SDN Solution:

The ProgrammableFlow Network Suite

Today's network professionals are constantly challenged to perform a variety of tasks, which, in many cases, are routine tasks that are error prone. Manual tasks steal time away from more valuable activities. NEC's SDN solution, ProgrammableFlow Networking Suite, streamlines security, reduces operational costs, and optimizes the ability to manage and control networks.



91%

of respondents state that network automation is either being used, or have plans for use in the next 12 to 24 months.

Most Significant Benefits of Network Automation



Agility, 39%

Work quickly. Provisioning network devices, configuration and services through scripting, and other automation methods enable modern IT organizations to work rapidly.



Service level adherence , 31%

Avoid mistakes. Consistently configuring a large number of devices is difficult. People rely on manual command line interfaces, which require significant typing and lead to errors. Network automation avoids these mistakes.



Consistency, 27%

Keep networks operating well. Network performance improves since automation enables feedback to reconfigure systems as needed.

"Network automation, as provided by software-defined networks, helps modern IT organizations to respond faster, reduce errors, and increase network performance."

- Dan Conde, ESG Analyst

NEC ProgrammableFlow Network Suite Provides:



Zero touch.

Work on remote systems without touching them.



Many virtual networks.

Orchestrate changes across numerous networks.



High availability.

Automatically detect and handle failures.

NEC's SDN solution offers these capabilities that provide network automation benefits:



Simplicity in operations.

Control of the network is centralized and automated, which supports agility.



Use of open protocols.

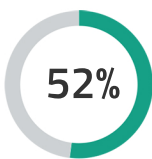
Use of the OpenFlow standards means services are not locked in to a particular vendor's platform.



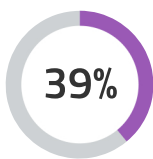
The ability to scale to large environments.

The solution provides for consistency as the network grows.

Network Automation Adoption is Growing Fast



of ESG research respondents report already using network automation to a limited or extensive extent today.



expect to use network automation in a limited or extensive manner in the next 12-24 months.

The Bigger Truth

The innovations and benefits provided by software-defined networks—agility, flexibility, and the means to save time and resources while reducing expenses—are compelling reasons for IT organizations to deploy the technology.

[LEARN MORE](#)

NEC