WE GET A SECURE, SCALABLE NETWORK EMPOWERS YOU TO MEET TODAY'S CHALLENGES.

CDW Networking Solutions and Services

Whether it's connecting remote workers or powering transformational customer experiences, your network is the cornerstone of your business. It should come as no surprise, then, that infrastructure upgrades are key to driving valuable outcomes across your organization.

Specifically, modernizing your network can help you achieve:

Agility   Increased Performance   Scalability

Getting Network Upgrades Right

As you look to modernize your network in support of business initiatives, your team will have to address several important considerations, including:

- **Speed:** Infrastructure must keep up with applications, services and business processes.

- **Scale:** Emerging technologies and the jump in remote and hybrid workers have led to a significant increase in the number of endpoints.

- **Cloud:** The pervasiveness of hybrid cloud requires a high level of performance.

- **Efficiency:** Network teams need tools that automate network operations and lifecycle management.

- **Security:** Mobility, the cloud and the Internet of Things have introduced vulnerabilities.

How CDW Delivers IT Modernization Success

Tackling network demands requires a thoughtful approach. The CDW Networking Practice can assist you at every stage of your journey through assessments and roadmap guidance, as well as vendor-focused workshops and jump-start services for the following areas:

- Enterprise and data center networking

- Software-defined WAN (SD-WAN)

- Wireless networking and Wi-Fi 6

- Network access control (NAC), segmentation and secure campus solutions

WHY CDW FOR NETWORKING?

Organizations have long turned to CDW to implement best-of-breed networking solutions, but the value of partnering with our team extends well beyond simplified procurement and savings.

Our lineup of certified networking professionals can augment your existing staff and ensure you have the know-how to plan, execute and manage your strategic networking solutions.

120,000+
Networking engagements in 2020 alone

70+
Networking solution architects

490+
Solution architects

1,400+
Managed and professional services personnel

Design
Our team of technology experts can work with you to plan an end-to-end solution that fits your unique needs and optimizes business impact.

Orchestrate
Comprehensive services help your team build and deploy customized infrastructure that follows networking best practices.

Manage
Through a tiered support structure, our team can monitor and manage network complexities to ensure operational efficiency and security.

How Can Modern Network Approaches Support Your Objectives?

The table below can help you identify the right solutions and services for your needs and goals.

Business Priority	Solution
Designing for high capacity · The number of devices — and the amount of data they transmit — is growing, and your wireless network must keep up.	**Wi–Fi 6** · Handles a larger number of devices without degraded performance · Aligns with mobile–first strategies · Delivers stronger encryption using the latest security standard *Ask how a wireless site survey can prepare you for Wi–Fi 6.*
Ensuring connectivity from anywhere · Employees are no longer tethered to a desktop or an office. · Applications live everywhere, including in local, cloud and hybrid environments. · Endpoints are more dispersed, making management and security less centralized.	**SD–WAN** · Provides the best path for accessing all applications and prioritizes business–critical applications to dramatically improve remote user experiences · Relies on a central management tool · Embeds security directly in the router *Set up an SD–WAN advisory workshop to find the best path forward.*
Delivering better customer experiences · Roaming on corporate wireless networks creates poor user experiences. · Your organization must give employees easy access to their information. · Visibility into network resources reduces the mean time to repair.	**Robust wireless network** · Handles countless smart devices, from printers to meeting room technologies · Provides fast, secure connectivity throughout the office complex · Enables you to adapt to emerging technologies and service integrations *Opt for a wireless network assessment and site survey to optimize your network.*
Enabling scalability · The network must be able to support new and evolving projects. · New solutions are becoming more one–off fixes and are not adopted into the current way of managing resources and vendors. · Your organization needs a way to consolidate and streamline purchasing and solution deployment.	**Enterprise and data center networks** · Are built from the ground up to support your needs **Integrated network management** · Enables you to keep up with all the moving parts of an enterprise IT network *Get more from your enterprise network with design, orchestration and managed services.*
Managing complex security · Hackers are using more complex and comprehensive tools, and internal users seem less aware of how they can protect themselves. · As new components are added to the network, the number of vulnerabilities and alerts increases. This proliferation puts your IT staff at risk of missing the most critical alerts.	**NAC solution** · Ensures only the right users have access to the right information **Network segmentation** · Creates trust boundaries that help support zero–trust security *Explore modern security approaches in a NAC or Segmentation workshop.*

CUSTOMER SUCCESS STORY

Industry: Banking

CHALLENGE: With many branches located hundreds of miles from its central data centers, the bank relies heavily on its WAN to connect employees with the applications and services they need to conduct daily business. If a network link goes down, account information becomes inaccessible, resulting in poor customer and employee experiences.

SOLUTION: The bank deployed an SD–WAN edge platform at all of its 48 remote locations and its two data centers. The rollout was completed in less than three weeks, and zero–touch provisioning of SD–WAN enabled the bank to bring the branches online quickly.

RESULT: The bank has since retired its branch routers and instead relies on SD–WAN to provide application–specific traffic routing and filtering. Legacy WAN circuits are being decommissioned as contracts expire, and the bank is negotiating more favorable contracts with internet service providers, expecting a full return on its investment within three years.

Contact your account team or network solution architect to learn more about CDW's networking solutions and services.