



# WE GET NETWORKING COMPLEXITY.

To achieve an agile and scalable network,  
you need IT Orchestration by CDW®.



## Navigate the Nuances of Networking

Modern organizations must optimize networking to keep pace with user growth, hybrid work continuation, bandwidth requirements, and cloud expansion. They also need to prepare to address next-gen technologies like software-defined wide area networking (SD-WAN) with secure access service edge (SASE) security, Wi-Fi 6E, Net Ops 2.0, and the Internet of Things (IoT).

At CDW, we offer solutions that help you take advantage of emerging network capabilities to support digital business initiatives around increased agility, enhanced connectivity, greater security and simplified performance management. We provide the end-to-end experience to enable you to prepare and maintain your network for current and future opportunities.



NETWORKING



CDW APPROACH

CDW SERVICES

NETWORK MODERNIZATION  
& NETWORK SECURITY

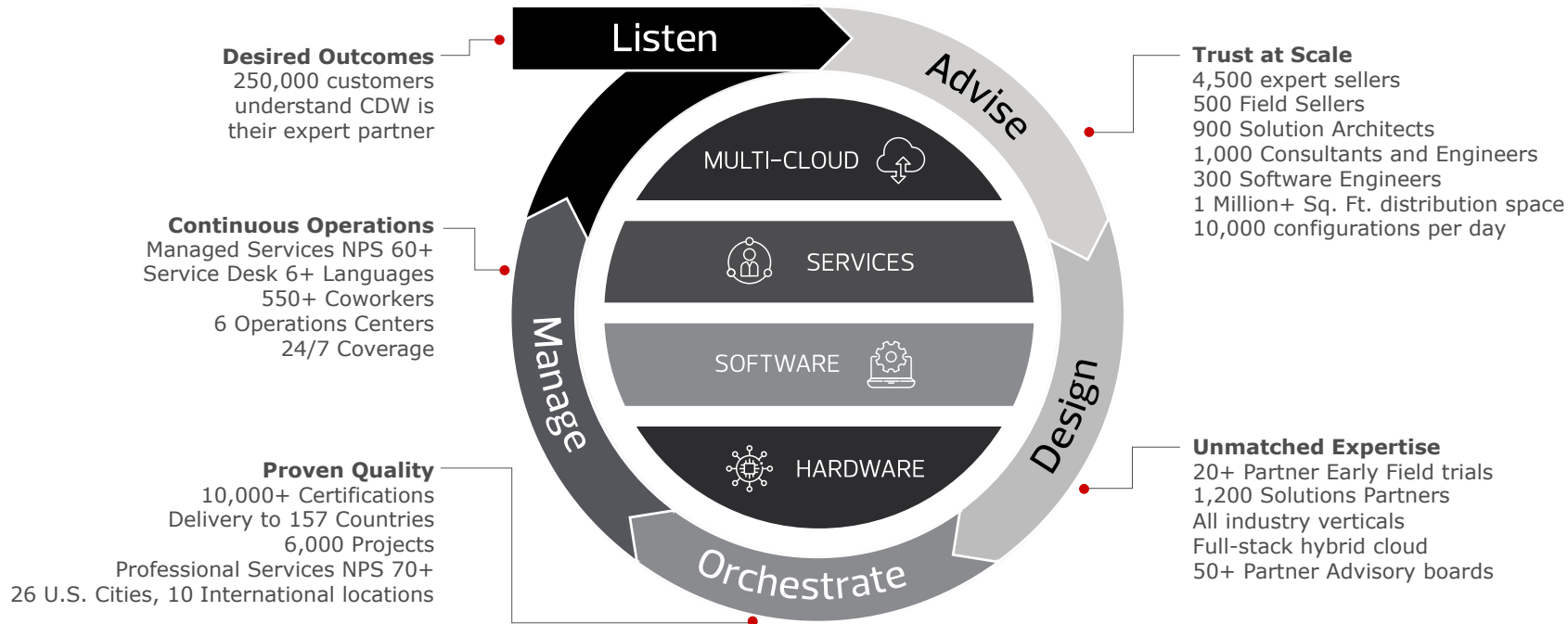
WIRELESS NETWORKING

EXPERTISE & PARTNERS

## The CDW Approach

Updating your network is a big undertaking. At CDW, we support the full stack and are able to offer support that simplifies your IT process.

### FULL STACK. FULL LIFECYCLE.



Working with 250,000+ customers, CDW provides IT partnership expertise to listen to each organization and help them achieve their desired outcomes. We take a thoughtful approach to assisting you at every stage of your technology journey.





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## CDW Amplified™ Services

Today, applications need to scale rapidly, and users need access to complex data at increasing speeds. It takes precise planning and execution to build a standards-based infrastructure that meets business needs. [CDW Amplified™ Services](#) bridge gaps in expertise, tools and resources to scale and future-proof your data center architecture.

### CDW Amplified™ Networks

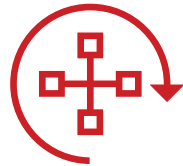
- Enterprise Networking
- SD-WAN Services
- Wireless Services

### CDW Amplified™ Data Center

- Software-Defined Data Center – Virtualization, Storage and Compute
- Next-Gen Backup
- Data Center Migration and Optimization Services
- Compute and Storage
- Power and Cooling
- Data Center Networking

### CDW Amplified™ Security Services

- Secure Platform
- Detect and Respond
- Information Security
- SASE Services





## Network Modernization

To rise to the challenge of digital transformation, especially in the face of hybrid work, networks must be primed to meet the demands of next-generation technologies while keeping pace with evolving applications, service and business processes.

We work with your IT team to simplify network operations and automate routine management tasks for greater productivity and network efficiency across an array of solutions:

- SD-WAN with Secure Edge (SASE)
- Consolidation
- Virtualization
- Application optimization
- ADCs (Application Delivery Controllers)
- Network Automation

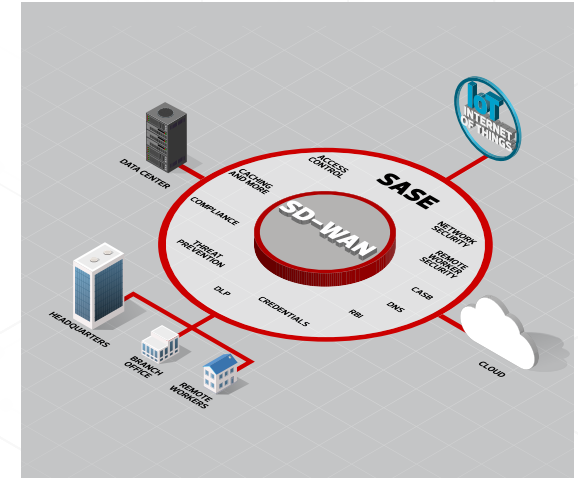


## Network Security

Responsibility for modern security extends beyond your organization's security team. Every department must be involved. Hackers are using more comprehensive tools to gain network access, while internal users seem less aware of how to protect themselves. And, as new components are added to the network, the number of vulnerabilities and alerts increases. This puts your organization and end users at risk.

CDW works with you to create trust boundaries that help support zero-trust security and proactively implement solutions that buoy network protection:

- SASE (Secure Access Service Edge)
- Software-defined perimeter
- Next-generation firewalls
- Multifactor authentication
- NAC
- Network segmentation



### SD-WAN Security Requires a Thoughtful Approach

SD-WAN provides application accessibility and traffic prioritization, streamlines network management, and reduces operational burden. Secure Access Service Edge (SASE) can bolster SD-WAN security by acting as a bridge to the cloud that simultaneously incorporates extended security protocols while extending network reach for mobile devices.

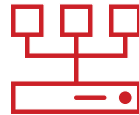


## Wireless Networking

With the influx of today's advanced technologies, it's imperative to have a strong, scalable wireless network infrastructure. This includes being prepared to embrace private LTE and upgrade to Wi-Fi 6E, which requires a complete overhaul of network design beyond access points and bandwidth.

Whether you're a rural entity or urban organization, CDW can work with you to achieve always-connect, always-on mobility via your wireless infrastructure with solutions spanning:

- Wireless devices
- Access points
- Controllers
- Wireless management software
- Network inventory
- Optimization toolsets
- Aggregation services
- Applications



### A Closer Look at 5G and Wi-Fi 6

In looking to the latest wireless networking standards, it's important to recognize they're not either/or propositions. For many organizations, 5G and Wi-Fi 6 will be complementary. Wi-Fi 6 aligns with a mobile-first model and offers better security for operations like WPA3. Wi-Fi 6E changes the game further by greatly increasing the number of available channels.

### Customer Success Story



#### Improving Network Traffic

**Challenge:** With many branches located hundreds of miles from its central data centers, a bank relied heavily on its WAN to connect employees with the applications and services. If a network link went down, account information became inaccessible, resulting in poor customer and employee experiences.

**Solution:** Together, CDW and the bank deployed an SD-WAN edge platform at all of its 48 remote locations and its two data centers.

**Outcome:** 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. It has since retired its branch routers and instead relies on SD-WAN to provide application-specific traffic routing and filtering.



### The Benefit of Private LTE

Finding low-cost, quick and effective wireless connectivity solutions is extremely important to educational institutions as they support an increasing number of mobile devices. Citizens Broadband Radio Service (CBRS) is a new Private LTE network option. Schools or universities can reserve their own dedicated spectrum to deploy LTE networks, allowing IT teams to have more visibility and control. CBRS LTE helps educational institutions offer a better student experience, enhance campus safety and reduce operational costs. In addition to delivering reliable on-campus connectivity, these high-performance private LTE networks bridge the digital divide with off-campus connectivity to benefit disadvantaged students at home.



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## Get Started on the Road to Networking Success

With CDW, you get access to industry-leading technologies and specialized services that align business insight with IT expertise that prepares your network – and your company – for next-generation operations and modern technology demands.

### Dedicated Expertise

**490+**

Networking solution architects and engineers

**1,400+**

Managed and professional services personnel



## Our Partnerships

As a top partner for the industry's leading hardware and software providers, we're able to offer a variety of solutions and services to meet your unique networking needs.

**Leading partners look to CDW's R&D team to assist with beta testing.**



### Trust at Scale

**4,500**

Expert sellers

**500**

Field Sellers

**900**

Solution Architects

**1,000**

Consultants and Engineers

**300**

Software Engineers

**1 MILLION+**

Sq. Ft. distribution space

**10,000**

configurations per day

To simplify the complex and extend the efficacy of your network across the enterprise, contact your CDW account manager or visit [CDW.com/Networking](https://www.cdw.com/Networking).

[CDW.com/Networking](https://www.cdw.com/Networking) 800.800.4239

