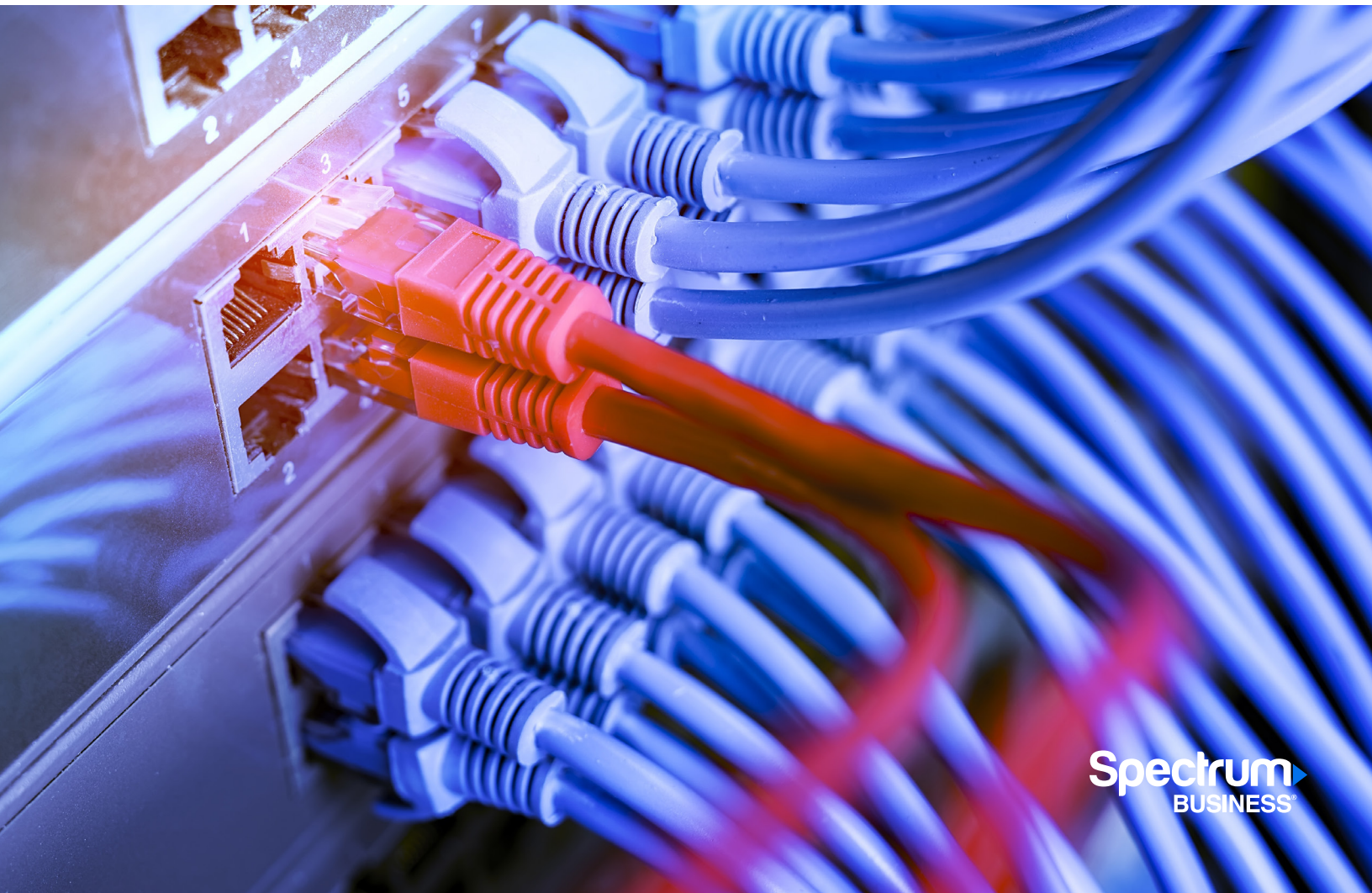# All-in-one networking

A new way to quickly adapt as organizational needs change

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It's difficult to operate today's networks with yesterday's technology. Many networks have grown organically over the years to keep up with user demands but have become challenging to manage in the process. As organizations scale, the complexity of legacy IT systems can strain performance and make it challenging to add locations or new capabilities to meet operational needs.
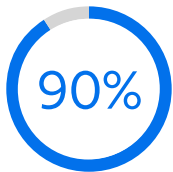
Older components with outdated protocols, for example, can struggle with the demands of integrated cloud workloads that also require more bandwidth. Likewise, the sheer number of devices connected to a network over time adds to the maintenance requirements for IT teams. Routers, switches, wireless access points, IP cameras, and security devices all require configuration and updates that take time — time that could be better spent on technology initiatives that improve organizational competitiveness. In fact, 90% of IT leaders believe if they don't complete their digital transformation initiatives in the next 1-5 years, it will negatively affect their company's revenue.[1]

One platform for the whole network

Modernization has the potential to replace a disjointed network architecture with technologies that are designed to work together in an environment that can quickly adapt to match an organization's changing needs. Solutions that replace legacy systems should be able to add new capabilities easily, manage growing bandwidth needs and enhance security. Even as the network incorporates more devices and cloud applications, it should remain straightforward to manage without straining limited IT staff.

For a growing number of organizations, an all-in-one networking solution meets this challenge. It can consolidate multiple systems in a single platform offering visibility into the entire network from a centralized portal. Modular components allow IT teams to select the most important features they need now, with the peace of mind that they can expand their network capabilities in the future. At the same time, hardware engineered to integrate seamlessly with the platform makes adding new locations fast and easier than ever before.

An all-in-one platform can enhance security measures with minimal effort, or even introduce software-defined wide area networking (SD-WAN) with intelligent routing. This makes the most efficient use of bandwidth across multiple locations as well as workloads in the cloud. This ability to upgrade the network quickly empowers organizations to better meet market conditions while keeping systems consistently up to date and secure.

90%

of IT leaders believe if they don't complete their digital transformation initiatives in the next 1-5 years, it will negatively affect their company's revenue.[2]

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Available services:

Security and routing

Unified communications

SD-WAN

WiFi

Switching

Smart cameras

Environmental sensors

Flexibility, scalability and security with Managed Network Edge

Spectrum Business® offers an all-in-one solution for organizations to streamline their IT and overcome the roadblocks to network modernization. Delivered over the Cisco Meraki platform, Managed Network Edge brings together hardware, connectivity and network management in a ready-to-deploy package.

Instead of upgrading a patchwork of legacy solutions, you now have the opportunity to modernize your full network with this modular solution. New services can easily be added since the platform is designed for all services to work together. New locations can also be added as the SD-WAN functionality will automatically detect the new locations and quickly add them to the network. From there, the network is fully managed by Spectrum Business in the cloud, relieving your IT teams of routine network management so they can focus on higher priorities.

Your organization can tailor Managed Network Edge to your current needs with services such as security and routing to start. As your needs expand, the modularity of Managed Network Edge can change with your organization by incorporating additional services such as WiFi to support employees and guest users, and switching to gain further control of the local area network. Regardless of its configuration, the solution comes with automated firmware and security updates to protect the network and minimize maintenance as your organization continues to change.

As new locations are added to the network, the SD-WAN functionality can be activated or extended, allowing intelligent routing to optimize network resources and ensuring the best application performance. Built-in, site-to-site VPN then enhances the security of that traffic throughout the network and to cloud service providers.

Smart cameras can also be added to Managed Network Edge to streamline the way you monitor equipment, customer waiting areas, server rooms and other sensitive locations. Designed to fully integrate with the platform, cameras offer an array of video views, search functionality, motion sensing and heat mapping for operational security and business insight. You can customize the video quality, storage capacity and scheduling of each camera, as well as who can access the footage. Camera data is encrypted by default and Spectrum Business cannot access it unless you grant permission.

In addition, you can easily and quickly deploy sensors to intelligently monitor and automatically alert you of environmental events such as changes in temperature, humidity, water leakage and air quality within workplaces, data centers and cold-storage environments. Managed Network Edge with sensors seamlessly connects to camera and WiFi access points to help keep the people, places and things that matter most connected, secure and productive.

Every capability available for Managed Network Edge is controlled through an intuitive, cloud-based management portal, which offers access to real-time analytics on network health, performance and bandwidth consumption by user and application. Your IT administrators can also manage traffic, adjust settings, set alerts and monitor thresholds in response to new information.

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Accomplish more with a managed solution

Some all-in-one solutions consolidate network components but leave IT teams with the task of implementing and managing the platform on their own. By contrast, Spectrum Business offers Managed Network Edge as a fully managed service. One monthly price is inclusive of hardware, licenses, upgrades and repairs. This takes the guesswork out of IT planning and financial forecasting. We also provide expert help when it's needed, with 100%, 24/7/365 U.S.-based support and local technicians.

Managed Network Edge is available with a range of connectivity options, including Dedicated Fiber Internet that provides a service-level agreement (SLA) that includes a 100% uptime guarantee* and 4-hour mean time to restore service.**

Comprehensive service for Managed Network Edge begins at the very start of your network modernization. Our experts work closely with your IT team to plan, design, implement and manage the entire solution. As your organization evolves, we offer free consultation on network requirements and options for new capabilities to ensure your needs are met. The result is a solution that closely aligns with your organizational challenges as they develop, with minimal downtime during implementation. You have complete control of what aspects of the network you want to manage, while Spectrum Business takes care of the rest for a flexible and stress-free networking experience.

One of the greatest benefits of Managed Network Edge is a comprehensive solution from a single provider that is accountable for the performance of the network end-to-end. Spectrum Business can handle it all, providing the hardware along with dual internet connectivity options that include fiber, broadband and wireless connections for greater network resilience. This provides simplified and predictable billing and one number to call for comprehensive support and faster resolutions.

Make modernization simple — discover how Spectrum Business can deliver an all-in-one solution for your network.

*100% uptime guarantee SLA applies only to Dedicated Fiber Internet, Secure Dedicated Fiber Internet, Ethernet Services, Cloud Connect and Enterprise Trunking.
**4-hour mean time to restore service SLA.

Learn more

1. "2025 Connectivity Benchmark Report," MuleSoft from Salesforce, 2025.
2. Ibid.

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