SD-WAN

SD-WAN from Spectrum Enterprise® is a managed service that simplifies networking, giving your organization complete network visibility and control with advanced security features — all at a significantly lower cost than legacy technology.

Wide area networks (WANs) in today's enterprises are under pressure to accommodate a variety of initiatives including cloud computing, AI, the internet of things (IoT), mobility, video collaboration and more. IT decision-makers are expected to make the right choice when adapting their WANs to improve control, flexibility and insight, as well as reduce complexity and optimize bandwidth.

A software-defined wide area network (SD-WAN) from Spectrum Enterprise, powered by Cisco Meraki or Fortinet, takes network performance to the next level by delivering a completely managed solution that streamlines the entire WAN implementation and operation — from solution design and installation to portal-based management and ongoing support. This technology provides your enterprise with consistent access to the resources required to run your organization.

Opportunities to reduce total cost of ownership (TCO) compared to legacy networks

Our managed SD-WAN solution shifts networking from an upfront capital expense and fixed capacity to a predictable monthly operating expense with no hardware to purchase or maintain. It can also improve network performance for evolving technologies, such as AI, machine learning, IoT and analytics. It increases reliability by providing redundant routing options while presenting multiple opportunities to reduce expenses.

Complete network integration

Network integration is much easier with managed SD-WAN. As part of the service, Spectrum Enterprise can quickly provision new locations giving you consistent capabilities across your entire local, regional or nationwide network. If that integration includes expanding your internet connections across multiple locations, Spectrum Enterprise can help. We'll guide you to determine the right connectivity for your network with choices such as direct internet access, broadband or wireless internet. You can even bring your own connectivity, if you prefer.

Product highlights

- **Adapt to different workloads:** Application-aware, intelligent routing steers and prioritizes traffic so applications and different workloads get the performance, reliability and security necessary.

- **Built-in security:** Advanced security features, including a next-generation firewall, content filtering and advanced malware protection are built into one, simple solution complete with automatic updates that enable you to effortlessly protect and safely connect your business.

- **Improve network visibility and control:** A centralized approach to network management through an easy-to-use portal provides control and insight into network performance, traffic and utilization. You get access to tools to create or adjust network parameters based on the needs of each location.

- **Reduce multi-vendor complexity and disparate technology:** As a complete end-to-end solution, including infrastructure, network access, security and WAN service, managed SD-WAN eliminates the complexity found in multi-vendor, multi-technology legacy networks.

- **Count on diverse and dependable connectivity:** Choose from a full range of high-speed connectivity options and transport types.

- **Benefit from local internet offload:** Improve network performance by directing traffic to offload locally without backhauling it to the main internet port on your organization's WAN.

- **Migrate with confidence:** We take the time to understand your organization's needs, business priorities, infrastructure and resources. Then, we work with you from planning through deployment — whether a phased approach or a direct cutover — and beyond.

- **Work-from-anywhere support:** Our managed SD-WAN service provides the infrastructure and security to ensure remote employees can safely and easily access the applications and data they need, where and when they need them.

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SD-WAN provides efficient management of your WAN

SD-WAN from Spectrum Enterprise is a managed solution that simplifies the complexities of a multi-technology, multi-vendor WAN without replacing your current network. This fully or co-managed service provides the expertise and support of a managed provider, freeing up your IT staff to focus on other business-advancing initiatives.
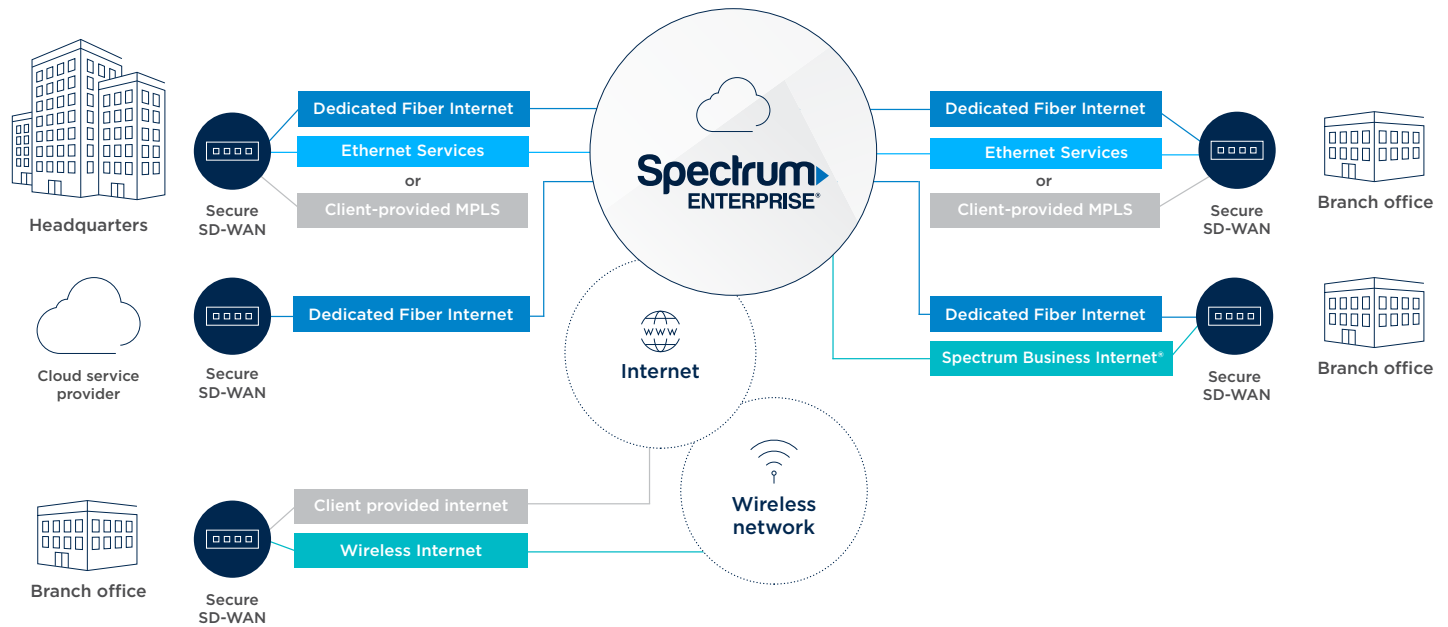
Other available services

- **WiFi:** Connect employees and visitors to next-generation WiFi that provides speed, reliability and performance with security that begins at the wireless access point.

- **Smart cameras:** Gain valuable insights into customer behavior patterns while also protecting your locations.

- **Environmental sensors:** Intelligently monitor and automatically alert staff members of environmental events such as changes in temperature, humidity, air quality and water leaks within workplaces, data centers and cold-storage environments.

- **Switching:** Prioritize traffic on the data link and network layers (two and three) with cloud-managed, enterprise-grade switching.

- **Teleworker:** Give your at-home workers the same network performance, security and data prioritization they experience while at the office with an easy-to-install network appliance.

- **Remote Access:** Empower mobile workers with simple, secure access to your network from any device, at any time, in any location while protecting your organization.

- **Virtual Edge:** Provide seamless access to your cloud-based, business-critical applications by providing secure connectivity to cloud service providers such as AWS, Azure, IBM Cloud and Google Cloud.

Learn more

enterprise.spectrum.com/sd-wan

About Spectrum Enterprise

Spectrum Enterprise, a part of Charter Communications, Inc., is a national provider of scalable, fiber technology solutions serving many of America's largest businesses and communications service providers. The broad Spectrum Enterprise portfolio includes networking and managed services solutions: Internet access, Ethernet access and networks, Voice and TV solutions. The Spectrum Enterprise team of experts works closely with clients to achieve greater business success by providing solutions designed to meet their evolving needs. For more information, visit enterprise.spectrum.com.

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