CenturyLink® SD-WAN Solutions

Automated security, optimized performance and intelligent scalability for driving digital innovation

CenturyLink managed and co-managed SD-WAN solutions help reduce the complexity and business risk of network transformation on a single, automated platform that coordinates across the full spectrum of connectivity types. Our tools, technology and hands-on expertise provide the ability to design, deploy and evolve with business needs while maintaining complete visibility, security and control.

Frequent use cases

- **Software-defined branch management:** Bring multiple branch, campus, retail, data center, colocation and cloud locations under a single network umbrella with uniform policies and security protocols.

- **WAN optimization:** Seamlessly integrate public and private transport and intelligently route traffic to effectively utilize bandwidth while eliminating bottlenecks, backhauling and passive connectivity.

- **Software-defined security:** Minimize security risk across your enterprise, including remote and branch locations, with constant visibility, centralized security management and policy from a single dashboard.

Benefits

- **Accelerated network agility:** Manage and make changes to routing and user policies, traffic thresholds, and security controls in near real time across your entire network.

- **Operational efficiency:** Managed services supplement in-house resources with highly skilled experts to help design, configure, deploy and manage your network, freeing up valuable IT resources for other projects.

- **Maximized app performance:** Prioritize essential apps, dynamically route traffic, automatically mitigate performance issues and deploy app-aware failover to help ensure continuous access to critical cloud-based resources.

- **Enhanced resiliency:** Make your hybrid network fail-safe by deploying active/active connectivity that's balanced under normal conditions and automatically reroutes if one connection goes down.

- **Automated network intelligence:** Enable automatic routing by user group, application, traffic thresholds or site location to deliver latency-minimized, prioritized traffic management for critical and sensitive traffic.

"CenturyLink enhances customer value by building its hybrid networking capabilities, such as MPLS, dedicated internet, broadband, and wireless access around its managed SD-WAN services."
—Roopashree Honnachari, senior industry analyst, Frost & Sullivan

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CenturyLink® SD-WAN Solutions feature comparison chart

Feature	CenturyLink® SD-WAN with Versa Networks	CenturyLink® SD-WAN with Cisco Viptela	CenturyLink® SD-WAN with Cisco Meraki
Intelligent routing & control	●	●	◑
Forwarding paths	2 or more	2 or more	2
SD-WAN cloud instance support	●	●	●
SD-WAN throughput	Up to 10 Gbps	Up to 10 Gbps	Up to 2 Gbps
Wi-Fi		◑	●
Enterprise firewall	●	●	●
Data analytics	●	●	◑
Customer self-service	●	●	●
Global availability	●	●	
Locations supported	No minimum	10 minimum	No minimum

Standard options and capabilities

Connectivity and design

- Can be deployed on-premises, as a virtual machine in the cloud or data center, as a virtual network function (VNF) on a universal CPE (uCPE) with CenturyLink transport or as an over-the-top solution
- Configuration and management of performance-based, application-aware and user-level routing

Management and control

- Centralized portals for complete visibility and co-management
- Interactive analytics dashboards and custom reports for monitoring
- Dynamic path selection for load balancing and resiliency
- Intelligent path selection with site split tunneling

Security and insights

- Robust, integrated security controls (NexGen firewall and unified threat management)
- Policy-driven, centralized control through a single interface

Why choose CenturyLink?

- **Expertise:** Winner of the 2019 Frost Radar Best Practices Award for Innovation Excellence in the North American Managed SD-WAN Services Market. Named 2019 SD-WAN Service Provider of the Year, Worldwide and North America, by Metro Ethernet Forum.

- **Network leadership:** As a Tier 1 global WAN provider with extensive peering of public and private IP networks, and a CDN network with over 40 Tbps total edge capacity, we are experts in traffic steering and network management.

- **Security:** Our global visibility into the threat landscape enables us to see more threats before they impact your business.

- **Global network**: Approximately 450,000 fiber route miles and services in North America, EMEA, Latin America and APAC.

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