

# CenturyLink® SD-WAN with Versa Networks

Integrated control, intelligent automation and maximized performance for large enterprise networks

CenturyLink SD-WAN with Versa Networks is a turnkey, centralized cloud management platform that helps better protect from ever-changing vulnerabilities, increase application control, and improve networking performance, resource and bandwidth efficiency for multi-site deployments.

## 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 – MPLS, Ethernet, internet, broadband, 4G/LTE – 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.
- **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:** Dynamically route traffic based on app business rules and network conditions. Prioritize essential apps, automatically mitigate performance issues and deploy app-aware failover to help ensure continuous access to critical cloud-based resources.
- **Enhanced resiliency:** Defend your hybrid network 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.

## 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.

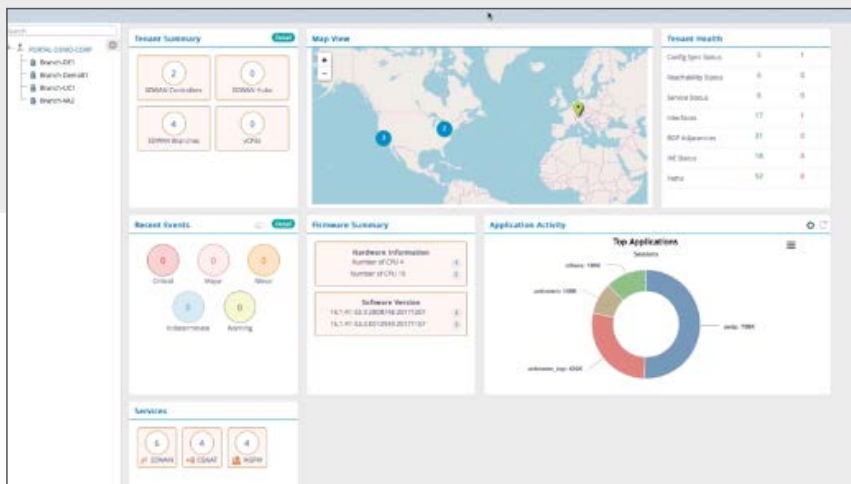


Figure 1: A sample overview dashboard from CenturyLink SD-WAN with Versa Networks.

## Technical features and capabilities

### Connectivity and design

- SD-WAN hosted infrastructure, software licenses and rental customer premises equipment (CPE) options supporting up to 10 Gbps
- CenturyLink connectivity or bring-your-own-transport—MPLS, Ethernet, dedicated internet, broadband, 4G/LTE
- Multiple virtual routers for complete traffic segmentation with unlimited forwarding paths
- Site-to-site auto VPN securely connects branch locations using fully meshed, partially meshed or hub-and-spoke
- Flexible WAN design options to fit individual site needs including high-availability and global configurations as well as BGP, OSPF, and CGNAT

### Management and control

- Management flexibility with fully managed and co-managed options; 24/7 customer self-service portal access for agile co-management
- Automatic, customer and pre-defined identification for over 3,100 applications for policy-based control; application QoS, intelligent optimal path selection and packet duplication
- Service wrapper includes design, deployment, configuration, activation, change management, appliance/circuit monitoring and upgrades, event management, appliance upgrades and 24/7 support for the entire WAN solution
- Optional (for fee) on-site installation and maintenance at each SD-WAN site

### Security and insights

- Authentication, key exchange and encryption
- Stateful firewall and Geo-IP based firewall rules include content filtering, URL filtering, IP filtering and IDS/IPS
- Real-time and historical analytics and reporting with pervasive visibility from Layer 2 to Layer 7 – sites, circuits, apps, threats, SD-WAN, etc.

### Why choose CenturyLink?

- **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 terabits per second (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



2019 Frost Radar Best Practices Award for Innovation Excellence in the North American Managed SD-WAN Services Market