

SD-WAN Solution Overview

SECURE Network & Encrypt Traffic MORE BANDWIDTH Aggregate Multiple Circuits in ONE WAN PRIORITIZE Software intelligent next-gen Application QoS



What is SD-WAN

Software-Defined Wide Area Networking (SD-WAN) virtualizes the WAN at the edge by leveraging powerful logic that goes beyond the limitations of MPLS, VPN. and dynamic routing. The outcome delivers seamless Multi-wan connectivity for all of your locations, integrating best in class security, vastly improved cloud application performance, and eliminating downtime.

- Network All Locations Seamlessly & Securely
- Eliminate Downtime with Realtime WAN Fail-over
- Increase Bandwidth with Multiple Connections
- Maximize Cloud SaaS & Application Performance
- Integrated Security & Unified Threat Management

Our carrier-grade architecture utilizes a mix of CommandLink data centers, network POPS, a 100% uptime nationwide network, and CommandLink's virtualized on-site hardware. All elements are all unified into the proprietary Command|Link software platform providing CommandLink customers with complete visibility and expansive analytics.

SD-WAN virtualizes all connections into one network and routes traffic over multiple available connections (MPLS, fiber, broadband, & wireless connectivity) based on performance and priority delivering Quality of Service at the application level.

CommandLink's SD-WAN service prioritizes critical applications and steers traffic in real-time by leveraging the optimal best path based on performance monitoring and best path decisions at sub-second & realtime intervals.

CommandLink SD-WAN customers benefit by ensuring their applications are always performing and accessible. The CommandISLA provides customers with an 100% uptime guarantee (contact us for details).

Single Source Partner

We build Next-Generation Software-Defined Hybrid Networks (SD-WAN) with integrated managed security, Unified with Cloud Communications and Collaboration software, fully integrated into the Command|Link SaaS Platform.

Integrated Support Eliminate reactive support & broken process. Our work-flow unifies support from monitoring of services, to alerting, to directly creating auto-support cases, assignment to Command POD support tier3 engineers and unifying everything into ONE CLOUD APP.

Monitor

- SD-WAN Services
- · Cloud Voice & Collaboration
- · MPLS & Internet Circuits **Customer Provided** / CommandLink Managed
- · MPLS & Internet Circuits

Alert

- Custom alert groups
- · Email Alerting
- SMS
- · Variable triggers
- · Customer control · Real-time routing changes

Auto-Support Cases

- Problem events trigger
- auto-support cases
- Example: Down Circuit
- · Support cases are auto-created · Support cases is auto-assgined
- to your dedicated Command|POD

Command|POD Support

- Each customer is assigned to a dedicated tier3 engineering POD
- · 1:1 Case ownership by Tier3 engineers
- · Cases assained to engineer based on skills, availabililty & direct expereince with your network
- Over-Communication & Expert Help
- · Complete transparency and visbility





SD-WAN Network

MPLS - Existing or New

Internet - Fiber / Ethernet

Internet - Broadband

Wireless - 4g/5g/LTE/Fixed

Unify All Circuits into One WAN

Optimize your connectivity mix based on the site requirements



SaaS /Cloud Apps



laaS / PaaS





Voice Cloud

Multi-WAN Elastic Bandwidth

· Bandwidth Aggregation

& Priority APP Routing



- Aggregate multiple Internet &/or MPLS links into ONE WAN
- Increase bandwidth with less expense than costly MPLS

Aggregate multiple circuits with SD intelligent application-aware per-packet link steering and real-time best path selection / fail-over to realize amazing performance.

ZERO DOWNTIME w/ 100% Uptime SLA.

Secure Networking for All Locations



- Integrated next-gen firewall & unified threat management
- Fully encrypted network with endless routing options

Network and security policies plus traffic steering based on user, device, location and application context: From Full-Mesh to any site-to-site routing for all locations & the cloud.

Routing built for the cloud and security

Next-Generation **QoS** [Quality of Service]



- Realtime application priority routing & traffic steering
- · Improved cloud application performance & availability

Native application recognition & custom controls allows critical application traffic identification & network prioritization at the packet level over multiple-WAN connections.

Faster APP, Network & Cloud Performance = **Max Productivity & Customer Success**

Realtime Visibility & Analytics

User Activity | App Performance | Link Data

See everything on your network

