

SD-WAN as a Service

Improve visibility and gain greater network control.

Cost Benefits

- ▶ Leverages the benefits of the cloud, broadband and existing enterprise-wide network infrastructure
- ▶ Connects locations via any type of data services including MPLS, LTE and broadband internet
- ▶ Provider maintains underlying shared infrastructure (servers, storage, network and software)
- ▶ Eliminates labor-intensive and time-consuming on-site hardware installations and reconfigurations

SD-WAN integrates software-defined networking, secure VPN capabilities and sophisticated firewall to efficiently and cost effectively transit data, video and voice across multiple locations.

Rather than treating each location separately, SD-WAN combines them into one virtual network. It allows network administrators to set up dynamic policies in accordance with business rules and directs traffic over the best path based upon priority, security requirements, and the availability of network connections. Routing of traffic can failover to another link automatically and dynamically to meet the varying demands on capacity and application performance, and without incurring any additional network operating costs.

SD-WAN increases application performance which results in an improved user experience, increased business productivity, and reduced IT costs.



A Flexible Network

SD-WAN delivers flexible, policy-based traffic routing based on priority, quality of service and security requirements in accordance with business rules. It also provides real-time traffic management and monitors the health of each connected WAN link. If a link fails or becomes congested, traffic is quickly and automatically rerouted.



Centralized Network Management

SD-WAN employs a virtual overlay for the physical network. This allows network engineers to configure, provision, and troubleshoot from a central location. With a few clicks of a button, changes can be made quickly and across multiple sites.



Speed of Deployment

SD-WAN simplifies installations and configurations. Zero touch provisioning enables the network engineers to set up pre-configured device profiles. A new site is then provided with a plug and play device that connects to the central SD-WAN controller, which provisions and configures the new equipment.

Additional SD-WAN Benefits

- ✓ Intelligent prioritization of traffic based on priority, quality of service and security requirements in accordance with business needs
- ✓ Reduces hardware dependency while improving application performance
- ✓ Supports advanced security and routing actions at each location
- ✓ Improves application performance via WAN optimization techniques and dynamic routing of traffic based on application needs
- ✓ Supports multiple connections to the same destinations
- ✓ Automatic 4G failover and backup
- ✓ Complete visibility into and control of the WAN
- ✓ Application-based firewall
- ✓ Content filtering
- ✓ Web search filtering
- ✓ Intrusion detection and prevention
- ✓ Advanced Malware Protection (AMP)
- ✓ Web caching

SD-WAN Architecture

