SD-WAN
Product Information

The Next Generation of Network Connectivity

With Software-defined Wide Area Networking (SD-WAN) from Telesystem, businesses can take control of their network by reducing complexity and costs and improving application performance. SD-WAN provides companies increased network visibility, centralized management, application-level insights and the ability to optimize traffic routing. Additionally, SD-WAN allows branch locations to leverage bandwidth intensive applications that were previously only available to larger offices, while multiple layers of security protect against Internet and branch cyber threats.

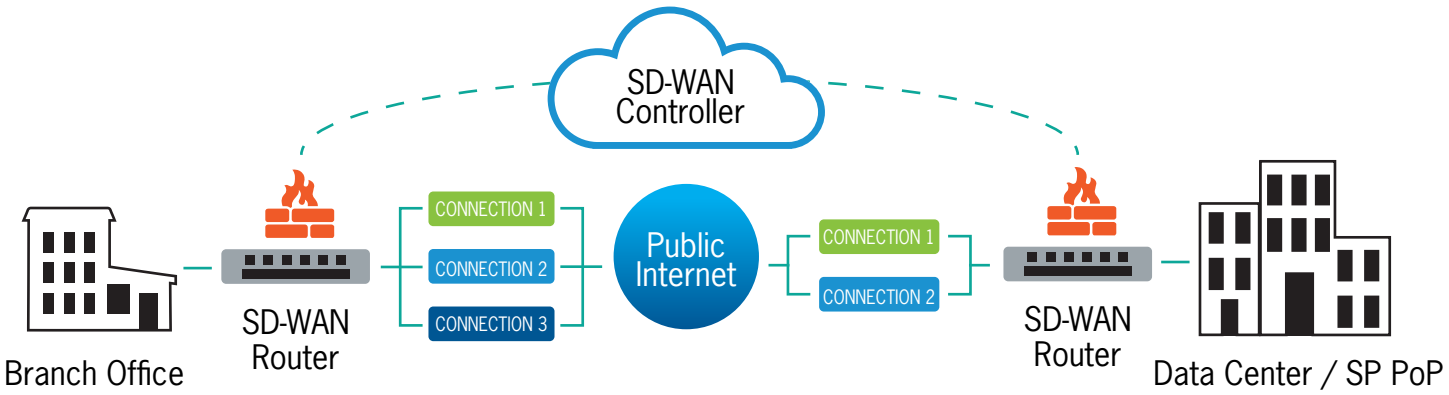
Deploying SD-WAN offers many benefits to meet network demands including:

- Improved application performance and quality of service for remote and branch workers
- Ability to add new locations without a lengthy deployment window
- Increased connection security through encrypted WAN traffic as applications and data migrate to the cloud
- Greater traffic visibility to align network services to user and application needs
- Ability to support bandwidth intensive applications and workloads
- Optimized bandwidth by reducing reliance on private MPLS links
- Reduced WAN costs and scaled capacity through the use of lower-priced broadband connections
- Reduced complexity & maintenance with simplified remote office CPE requirements
- Maintaining connectivity for improved business continuity and disaster recovery capabilities

How it Works

Software-defined wide area networking adds a layer of software on top of the existing network to automate the configuration of edge routers and direct traffic over a mix of private, wireless and broadband network access.

This solution allows administrators to set up dynamic policies that direct traffic over the best path available based upon application priority. If a business experiences a high-traffic situation, SD-WAN offers a real time network solution and better customized management of traffic across the network.



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Included in Telesystem's SD-WAN Solution

- Site equipment
- Software licenses
- Plug and Play Solutions for Every Site
- Zero Touch Provisioning
- Secure Internet access at each site
- Management Portal, or single pane of glass, with access to all locations
- Ability to chain service requests
- Ongoing configuration assistance
- Flexible Provisioning & Management
- Advanced, Detailed Analytics
- Built-in Firewall
- Routing & App Sharing
- Application layer control and awareness
- Provisioning and management of all connectivity, including broadband, or customer can supply their own connection
- Gateways between MPLS and SD-WAN provide end-to-end encryption for dynamic branch-to-branch connectivity
- Wireless backup (available as a redundant connectivity option)

Included Firewall Features

- VRRP
- IPAM
- Routing Policies, PBF
- MP-BGP
- OSPF
- VRF
- QoS, HQoS
- Route Reflector
- Ext. Service Chaining
- ZTP
- Segment Routing v6
- MPLS L2VPN
- MPLS L3VPN
- Multicast
- DOS Protection
- Stateful Firewall
- CGNAT
- SD-WAN Fabric Traffic Management, Shaping
- Multiple Active Links
- Any Topology
- Dynamic IPSec Overlays
- SD-WAN Controller
- IPSec Transport
- DNS Proxy
- SaaS DIA Traffic Optimization
- TLB
- MIOS Based Traffic Ctrl
- App Aware Migration Gateway
- Packet Stripping, Cloning, FEC
- App Traffic Eng. App SLA
- App Policy Forwarding
- Inline Perform Measurement
- App QoS, Traffic Shape
- Application ID/ Visibility
- File Filtering
- Network DLP
- Antivirus
- IDS-IPS
- SSL, TLS Decryption
- User, Group Access Ctrl
- DNS Reput. & Filtering
- IP Reput. & Filtering
- URL Reput. & Filtering
- Application Access Control