

# SD-WAN

Segra's fully managed SD-WAN (Software-Defined Wide Area Networking) solution simplifies branch office networking by providing security, fail-over, application prioritization, and diverse connectivity options. Segra's SD-WAN offering serves as an augment to our MPLS service and allows our customers to bond primary, secondary, and tertiary local broadband, Internet, and wireless connections in order to create a highly available, cost effective, integrated network.

## SIMPLE SECURE NETWORK

This turnkey solution allows you to quickly deploy a simplified network design that includes security, orchestration, monitoring, and centralized troubleshooting tools.

## DELIVER SITE AGILITY

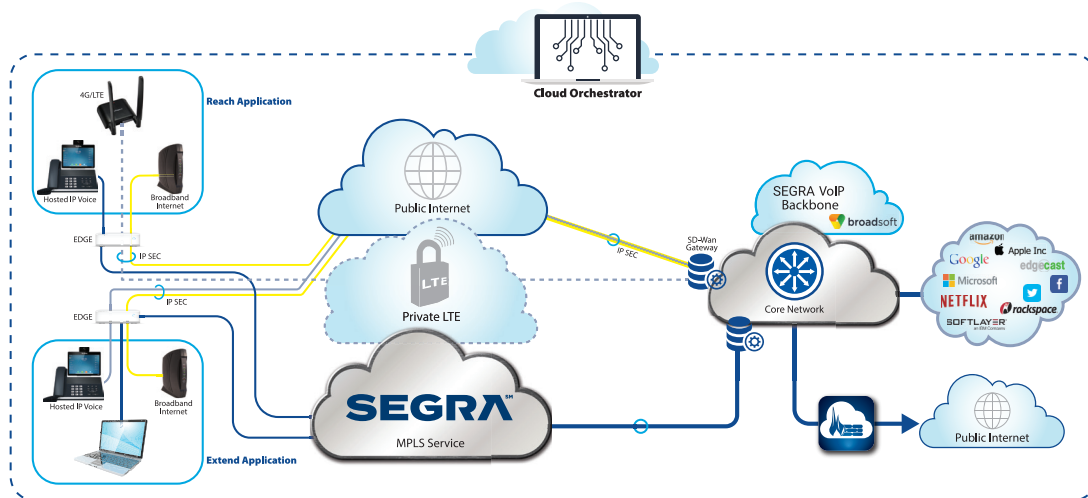
Using Segra's SD-WAN, local Internet Service Providers (ISPs) easily coexist and inter-operate with your Segra MPLS network. You will be able to manage each branch via one centralized online application to ensure that your network is performing optimally.

## OPTIMIZE APPLICATION PERFORMANCE

With Segra's SD-WAN, you can optimize application performance over dedicated, hybrid, or Internet links with direct, secure, access to enterprise and cloud applications. SD-WAN brings consolidated monitoring and visibility to all WAN links and all service providers. Via the centralized web interface, you can allocate your available bandwidth to best fit the applications that are crucial to your business.

## REDUCE COST

Segra SD-WAN delivers robust and secure enterprise-grade WAN at your branch office(s) regardless of connection type or carrier. Installing Segra's turnkey SD-WAN solution saves on expensive hardware installations and helps to control costs associated with various ISPs serving your branch office(s).



## SD-WAN

At each location, a Segra SD-WAN Edge device is installed and WAN delivery devices are connected. This device then allows you to view the location's ISP connections via one single pane of glass in the Segra SD-WAN portal. The Cloud Orchestrator coordinates and monitors all traffic being passed between your site, the Segra managed gateways, MPLS network, and Data Centers. The orchestrator ensures that your policies and procedures are being correctly applied across your network. SD-WAN Gateways act as the controller of the policies for your MPLS based traffic routed over the Internet. The gateways set your traffic and application priority based on your business needs and available network resources.

### **MPLS REACH**

Segra's MPLS Reach design enables MPLS connectivity for locations where there are currently no Segra provided circuits. Segra's SD-WAN technology secures Internet from any ISP and safely connects back to the Segra MPLS network. This equips you with the ability to manage various aspects of your organization's network, using a single source, regardless of provider.

### **MPLS EXTEND**

Segra's MPLS Extend design provides customers with a highly available solution by bonding Segra's primary service to secondary and backup WAN options (broadband, bonded T1's, LTE, Ethernet over Copper). This design also allows you to customize your location's applications and policies, via our online portal, ensuring that you have the ability to manage your bandwidth resources.