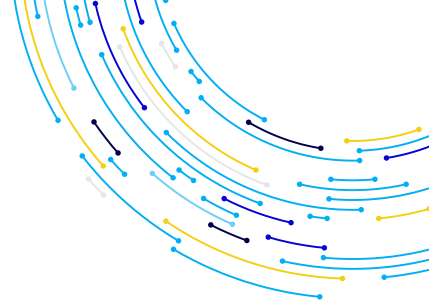




# Software-Defined Wide Area Network



Segra's fully managed Software-Defined Wide Area Networking (SD-WAN) solution simplifies branch office networking by providing security, fail-over, application prioritization, and diverse connectivity options.

## How it Works

SD-WAN (Software-Defined Wide Area Network) is a technology that simplifies the management and operation of a WAN by decoupling the network hardware from its control mechanism.

### How it works:

1. Separation of Control and Data Planes: SD-WAN separates the control plane (which directs where data goes) from the data plane (which forwards data). This allows routing decisions to be made in software, rather than relying on specialized hardware
2. Centralized Management: SD-WAN uses centralized control to manage traffic across the network. This means policies can be applied uniformly across all network devices, simplifying configuration and management
3. Transport Independence: SD-WAN can use multiple types of transport, such as Ethernet, MPLS, broadband, LTE, and more, allowing for flexibility and redundancy

## Customer Benefits

### Centralized Management

Simplifies network operations with a single interface for monitoring and managing the entire WAN.

### Path Selection

Automatically routes traffic over the best available connection (e.g., MPLS, broadband, LTE) based on real-time conditions.

### Application-Aware Routing

Prioritizes critical applications like VoIP or video conferencing to ensure optimal performance.

### Enhanced Security

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### Cloud Integration

Optimizes connectivity to cloud-based applications and services.

### Cost Efficiency

Reduces reliance on expensive MPLS circuits by leveraging lower-cost broadband connections.

### Failover and Redundancy

Ensures business continuity by automatically switching to backup links during outages.

Let's create winning  
connections together.

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