



# Secure Remote Workforce Connectivity - New Solutions to Support Your Hybrid Workforce



# Secure Remote Workforce Connectivity – SASE and SD-WAN Solutions to Support Your Hybrid Workforce

As businesses move increasing workloads to the cloud, new challenges arise, including:

- [Work from anywhere \(WFA\)](#) is the new normal.
- Legacy architecture does not always scale or requires time-consuming manual intervention.
- As more businesses embrace a multi-cloud strategy, network and security vulnerabilities expand, and users demand a reliable, secure experience even if working remotely or in a distributed workforce.

The threat surface has expanded. Before the pandemic, most organizations thought of their security perimeter as their network, with firewalls protecting the enterprise. Over the past two years, however, we have all become more aware of increased risks from threats outside this perimeter, which requires a comprehensive approach to security before users are allowed to access the network.

## Why Secure Access Service Edge (SASE)?

Secure Access Service Edge (SASE) provides a holistic approach to protecting your entire network. SASE covers offices, branch offices, mobile sites, mobile devices, work from home, IoT, and any other devices that connect to your network by providing:

- Comprehensive edge security
- Advanced routing, bandwidth management, and quality of service (QoS)
- Full-feature software-defined wide area network (SD-WAN)
- Firewall, encryption, and intrusion detection and prevention
- Security and network policies

As part of your SASE solution, SD-WAN uses a [virtualized network overlay](#) to manage connections in a distributed workforce.

## Use Cases for SASE

The use cases are varied, so let's walk through three common ways companies are deploying SD-WAN.

### Use Case #1: Managing Headquarters, Branch Offices and a Connected Data Center

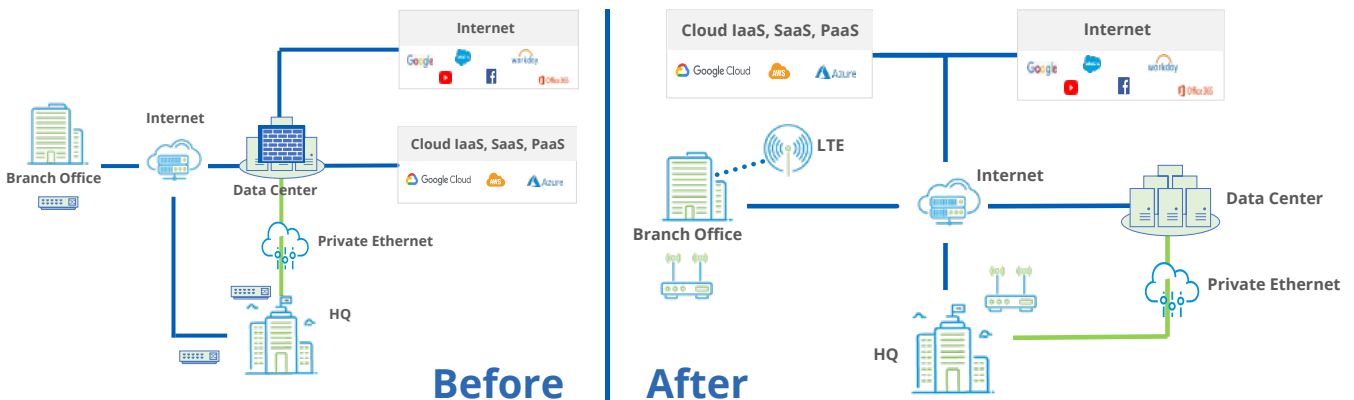
**Scenario:** With a centralized firewall at the data center, all corporate internet traffic flows through the data center. This scenario typically utilizes a single internet connection at the branch locations with internet and private network connections at the headquarters and data center locations.

#### Challenges:

- Complex HQ to data center network management
- No redundancy or network continuity
- Highly congested internet access through a central data center firewall

#### SD-WAN and Network Solutions:

- Reduction of appliance sprawl with routing and security housed in a single device
- High availability hardware solution at HQ and Data Center
- Multi-WAN capability including LTE failover
- Integrated security for local internet breakout at branch office locations



SD-WAN can simplify operations and management for a distributed workforce, especially when cloud-based or data-center applications are used by multiple people in different locations. Setting up and maintaining secure connections for each user can be tedious and error prone. With SD-WAN, you can interconnect enterprise sites, cloud regions, and private clouds, as well as configure remote users with centralized controls and automation.

## Use Case #2: Managing a Hybrid Workforce

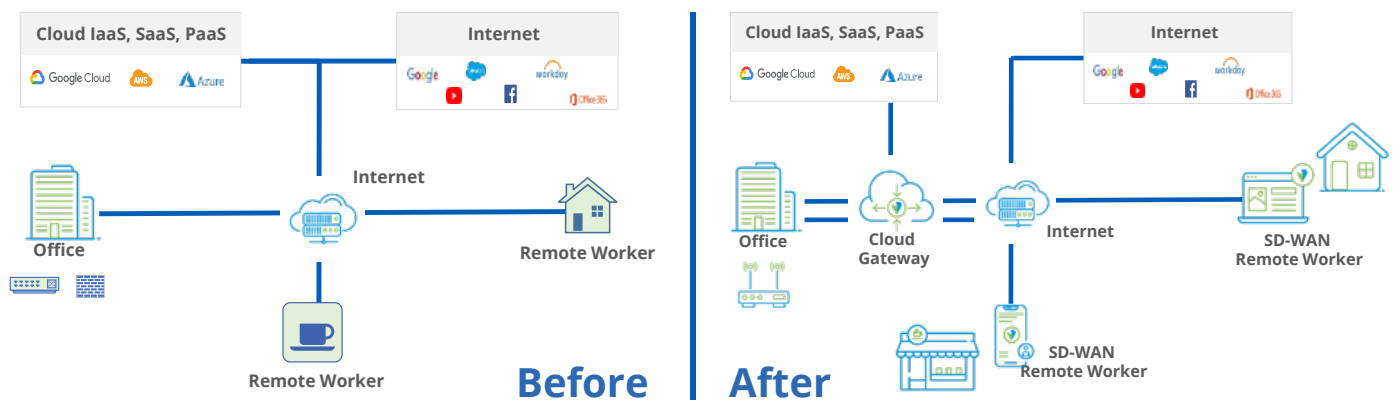
**Scenario:** Flexible work arrangement allowing employees to work either in the office or remotely. This scenario typically would use a single internet WAN and a firewall Virtual Private Network (VPN) for remote access.

### Challenges:

- Support required for premise-based VPN hardware
- Limited control of security policies
- No prioritization of business-critical

### SD-WAN and Network Solutions:

- Secure, Zero Trust Network Access (ZTNA) to enterprise applications in data center or public cloud
- Option for application-based traffic steering and cloud-based firewall policies
- Cloud-based end-user management and analytics
- User and group-based policy control for remote clients



Workers want the same access to data whether they work in the office or at home, but they typically have much less robust security on their home networks. SD-WAN allows for centralized policy management, visibility, network automation, and deployment for remote workers. SD-WAN can also relieve the pressure of network constraints by providing secure and direct routing of connectivity.

## Use Case #3: Managing Regional Offices

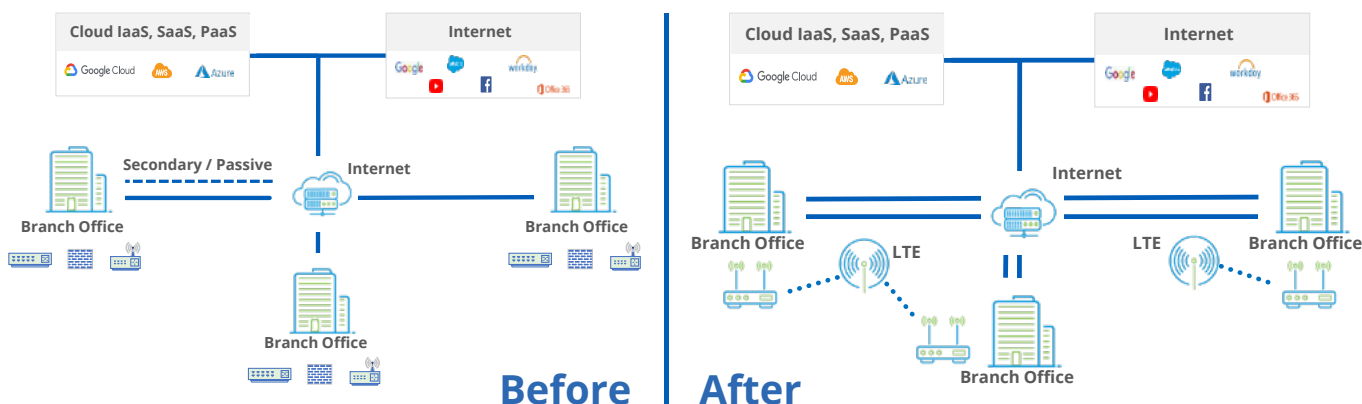
**Scenario:** Multiple offices across the region with limited access to IT support, a mixture of firewall, Wi-Fi, and router solutions.

### Challenges:

- Inconsistent performance of VoIP and internet applications
- Lack of network visibility across users, applications or circuits
- Inefficient use of available capacity

### SD-WAN and Network Solutions:

- Single appliance for SD-WAN and routing also providing an integrated Next Gen Firewall as well as office and guest wi-fi
- Automated best path routing of priority applications
- Packet Replication for VoIP services
- Multi-WAN capability including LTE failover
- Simplified deployment of standard security policies



SD-WAN allows for a centralized configuration to provide consistency across the entire enterprise. Rather than manually configuring devices, configurations and updates can be created and pushed out to devices on the network with zero-touch provisioning and no downtime.

As you can see, SD-WAN is flexible and capable of expanding even complex security perimeters while making management simpler and faster.

## The LOGIX SD-WAN Solution for SASE

LOGIX has partnered with Versa Networks to deploy the Versa Titan solution. The combination of LOGIX networking experience and the [Versa Networks Titan Solution](#) enables a comprehensive approach to optimize and secure your distributed workforce.

LOGIX SD-WAN Secure is a SASE solution with a full suite of SD-WAN features, including Next-Generation Firewall and URL filtering. LOGIX SD-WAN Secure Plus includes intrusion and anti-virus protection.

LOGIX SD-WAN Anywhere is a soft-client solution for secure authentication and application segmentation. SD-WAN Anywhere Plus provides extended application segmentation plus redundant cloud gateways.

## The Benefits of LOGIX SD-WAN

LOGIX SD-WAN helps you address your critical wide area network concerns, including:

- **Security:** Security is integrated, not an add-on component.
- **Cost:** Eliminates CapEx with an OpEx model to help control costs.
- **Performance:** Optimizes network traffic and WAN with prioritization of business-critical applications
- **Management and visibility:** An easy-to-use single interface and a mobile app for ease of network control

The LOGIX SD-WAN solution, powered by Versa Titan, offers enterprise-class security, remote worker access and advanced features, enabling your business to optimize the performance of your network.

To learn more about LOGIX SASE and SD-WAN solutions, contact LOGIX Fiber Networks at 281.688.6283 or contact us online to [request a quote](#).

[Request a Quote](#)