Lumen® SASE Solutions

Fully converged. Flexibly managed.

Lumen SASE Solutions delivers a truly unified, cloud native approach to secure network access and management—backed by the Lumen Platform and decades of expertise.

- On demand addition of features hosted in cloud gateways
- Solution hosting on-premises, in the cloud, or both
- Apply the right solution, at the right time for gradual transformation
- Centralized policy control with automated service delivery
- Flexible management options to streamline operations.

For today's distributed enterprise, Lumen SASE Solutions offer a cloud-based network and security experience that is centrally controlled, fully converged, and flexibly managed.

Increase visibility and control

Centralize network and security policy management to enhance visibility and control over application access and optimize application performance across your distributed workforce.

Flexible adoption and management

Lumen supports the gradual migration of legacy infrastructure that limits your business growth to a flexible network and security management software that you adopt as needed. Let our dedicated team of SASE experts manage our solution for you to simplify your operations and support staff limitations.

Dynamically scale your network and security

Choose from best-in-breed network and security management software offerings that make it easy to add sites, apps, and users. Our cloud-based service allows your business to quickly scale to meet changing business demands.
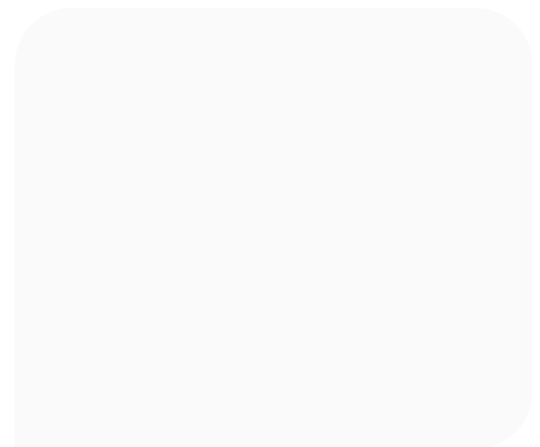
Over 2,200 public and private data center connections across the globe and many local network PoPs.

Common use cases

- Securing remote workforces tailoring access to sensitive data or cloud applications
- Managing a cloud transition replacing multiple network and security appliances with cloud-based software
- Enhancing network visibility and control with centralized management tools

LUMEN®
TECHNOLOGIES

Service Options

Lumen provides a comprehensive SASE solution with multi-layered management, beginning with our online marketplace design and purchase experience. We offer Self- and Pro-Managed service options to address your unique operational needs.

Design and implementation services	Self-managed		Pro-managed	
Description	Customer	Lumen	Customer	Lumen
Collect network assets information including WAN/LAN details and network topology	•		•	•
Map network assets	•			•
Customize network profiles and policies	•		•	•
Customize security profiles for next-gen firewall; secure web gateway, zero trust network, and remote access rule-based security and internet policies	•		•	•
Custom design site profile for creation of site-specific or site-type-specific design profiles	•			•
Build configuration in partner portal	•			•
Automated Zero Touch Provisioning (ZTP) of preconfigured device	•		•	
Test, turn-up and activation validates Lumen SASE Solutions is online, configured & tested	•		•	•
Redundant configuration and activation of two devices or VMs acting in a redundant pair	•		•	•
Documentation and knowledge transfer available in the Lumen SASE Manager		•		•
Standard project plan for product lifecycle service implementation	•			•

Monitoring, incident response and change management services	Self-managed		Pro-managed	
Description	Customer	Lumen	Customer	Lumen
Proactive device, software, and interface monitoring status (up/down)	•			•
Configuration of standard log and reports of security, environment, and routing events	•			•
Configuration of standard health and availability status dashboards (up/down)	•			•
Setting up Lumen SASE Solutions status and availability alerts	•			•
Self-service alert notifications configured by the customer	•		•	
Auto ticket notification				•
Lumen overlay network monitoring of alerts				•
Unplanned interruption or reduction in quality to service support for device, cloud, network or SASE software	•			•
CPE break/fix (RMA) — Warranty support for failed devices and replacement requests	•	•	•	•
Change management for network and/or security profiles and policies — 5 per month for Pro Managed and unlimited for Self-Managed	•		•	•
Configuration management — Backup of existing configuration		•		•
Configuration management — Restore of existing configuration	•			•
Software patch management — Support for periodic software upgrades	•			•
Capacity management — Review and revision of bandwidth and performance policies	•		•	•
Security signature updates — Configure the update of security threats on a regular interval		•		•

LUMEN®
TECHNOLOGIES

Features

Lumen partners with leading network, cloud, equipment and security providers, including Fortinet and VMWare, to supportspecific customer demands.

Firewall as a Service (FWaaS)

- Next Generation (L7)
- Stateful (L4)
- URL Content Filtering
- Anti-Virus
- IPS/IDS
- DOS Protection
- DNS Proxy and Security
- File Filtering and DLP
- User Group based policies with support for
- Active Directory and LDAP

Zero Trust Network Access (ZTNA)

- Secure Access Client
- Windows 10
- MacOS
- Portal and Gateway

Secure Web Gateway (SWG)

- URL Content Filtering
- Anti-Malware
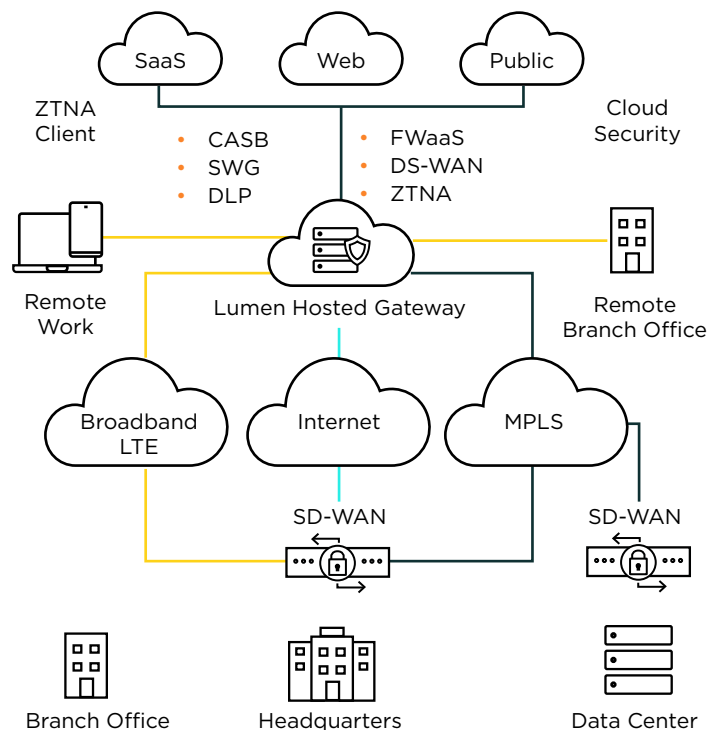- Applications Control
- Data Loss Prevention (DLP)

Logging

- Integrated logging solution
- Log streaming to SIEM

Deployment

- Edge devices
- Virtual services

SD-WAN

- Mesh and Hub and Spoke
- High availability
- QoS with application routing
- VPN support
- LTE
- Template-based provisioning
- Zero touch provisioning
- IPv6 support
- Lumen underlays available by request

Why Lumen?

Transform your network and security on your own terms. Experience simplified management of multiple networks for optimized application performance. Provide secure data center and cloud access for remote workers. Secure data in motion. Control cloud application permissions. With Lumen, you can address immediate needs today, and easily evolve your solution tomorrow.

866-352-0291 | lumen.com | info@lumen.com

LUMEN®
TECHNOLOGIES