

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. Optimize control over your security operations and network traffic with end-to-end visibility, simplify deployment with service delivery automation, and balance traffic across multiple networks. Self- and Pro-Managed service options help maximize productivity, freeing up IT staff and other resources. Lumen SASE is everywhere application security for the anywhere office.

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.

Simplify deployment and management

Easily manage your service with our centralized experience—or let Lumen handle the monitoring and updates for you. Design each of your sites and receive a preconfigured device with Lumen SASE Manager.

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 scale quickly.

Over 2,200 public and private data centers across the globe and many local network POPs.



Use Cases

- **Securing remote workforces** and tailoring access to sensitive data or resources
- **Managing a cloud transition** and replacing multiple network and security appliances and portals
- **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

Description	Self-Managed		Pro-Managed	
	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 and 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

Description	Self-Managed		Pro-Managed	
	Customer	Lumen	Customer	Lumen
Proactive device, software and interface monitoring status (up/down)	•			•
Configuration of standard logs, reports of security events, 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 — Restoration 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		•		•

Features

Lumen partners with leading network, cloud, equipment and security providers, including Fortinet and VMWare, to support specific 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 Protection (DLP)

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

Logging

- Integrated logging solution
- Log streaming to SIEM

Deployment

- Edge devices
- Virtual services
- AWS, Azure, Google and Alibaba cloud

Why Lumen?

Our extensive global network provides deep local POPs in metro markets and over 50 edge nodes to deliver optimized app performance and information security closer to the source.

Visit us to get started today at lumen.com/sase.

