

Secure, AI-Powered Connectivity from LAN to WAN

Lumen and Nile

Multi-site organizations (retail chains, manufacturers, public agencies) face mounting pressure to deliver secure, high-performance connectivity across distributed locations. Yet many still depend on outdated, hardware-centric networks that are expensive to maintain and slow to adapt. These legacy architectures lack centralized control, leaving IT teams scrambling to manage perimeter security and defend against evolving cyber threats—often without the skilled resources they need.

Lumen and Nile help enterprises build resilience for a digital-first world by combining global scale with campus simplicity to deliver an outcome-driven network experience backed by a 99.99% availability SLA. Lumen provides the backbone—secure global transport, on-demand isolated environments, with the #1 peered global network¹—while Nile delivers a secure, AI-powered Network-as-a-Service (NaaS), enforcing zero-trust and automating lifecycle operations. Together, we enable zero-trust connectivity, autonomous operations, and SLA-guaranteed performance—simplifying IT from LAN to WAN.

¹CAIDA, AS Rank, April 2025.

Common use cases

- Security & Zero-Trust Segmentation:** Organizations must protect against malicious traffic and unauthorized lateral movement, ensuring secure segmentation and compliance across their network.
- Lean IT / Staff Constraints:** Organizations with limited IT teams or frequent turnover need simplified network operations that minimize manual intervention and reduce complexity.
- Multi-Site Consistency:** Enterprises operating multiple branches or campuses require centralized control and uniform network performance across all locations to maintain operational efficiency.
- Scalability & Guaranteed Performance:** Organizations facing variable bandwidth demands need predictable performance without disrupting operations.

Packaged with Dedicated Internet Access (On-Net)					What's Included:
Floor Size	# of Devices (Speed)	Essentials	Advanced	Broadband Back-Up SD-WAN+HA*	
Up to 2,500 sqft	50 (100Mbps)	\$576 15 LAN Ports	\$810 31 LAN Ports	+\$195 +\$335*	
Up to 5,000 sqft	100 (200Mbps)	\$692 14 LAN Ports	\$926 30 LAN Ports	+\$200 +\$484*	
Up to 10,000 sqft	200 (500Mbps)	\$835 12 LAN Ports	\$1,099 28 LAN Ports	\$280 +\$839*	
Up to 15,000 sqft	300 (1000Mbps)	\$995 10 LAN Ports	\$1,307 26 LAN Ports	\$410 +\$839*	

Packaged Services	Essentials	Advanced	Add-Ons
Nile Access Service	✓	✓	
Nile Service Guarantee*		✓	
Lumen Dedicated Internet Access*	✓	✓	
Nile Guest Service^			✓
Nile DHCP Service^			✓
Lumen Backup Access Broadband			✓
Lumen SD-WAN® & HA** (2-site minimum)			✓

Pricing is Monthly Recurring 36-month term & On-net
Additional NRCs applied at time of quote
Off-net for Lumen Network adds to price by device qty: 50: +\$380; 100: +\$475; 200: +\$605; 300: +\$800
Additional LAN Ports: \$100/month per block of 24
Nile Service Delivery: Site Survey / Device Installation / Device Recovery / on-site repair: not included
*99.99% SLA
^DHCP +2.5% and Guest +15% Nile MRC
@SD-WAN Configured Service in a SASE Capable Device
#HA: High Availability configuration with redundant CPE

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Lumen Products

Lumen® Dedicated Internet Access (DIA)

Powered by our deeply peered network, DIA delivers high-speed connectivity and resiliency with built-in network security to help you expand your reach, increase user capacity and enhance digital services.

Lumen® SD-WAN Firewall

Managed security solution that combines SD-WAN connectivity with next-generation firewall capabilities to protect enterprise networks, applications, and data through centralized policy control and advanced threat prevention.

Lumen Broadband (EBAS) delivers reliable, high-performance broadband with end-to-end management from procurement to deployment. Ideal for a backup connection. It simplifies operations with consolidated billing, centralized vendor coordination, and flexible access options.

Nile Products

Nile Access Service

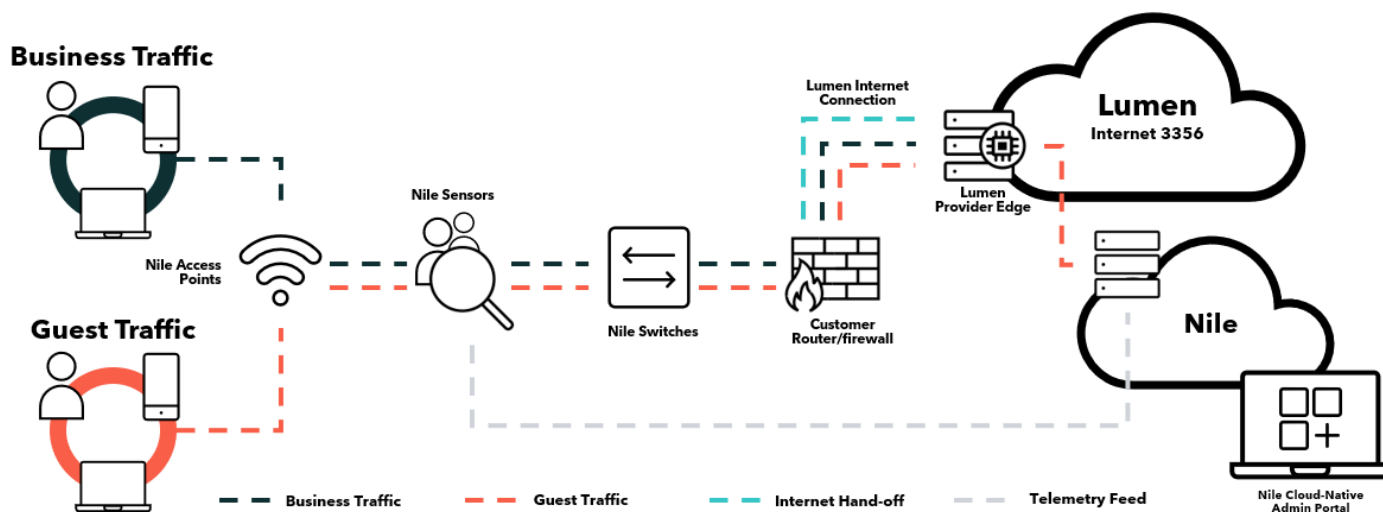
AI-powered wired and wireless infrastructure and support delivered via a secure Network-as-a-Service (NaaS) model. Includes built-in security designed to enable Zero-Trust by default for comprehensive data and endpoint threat protection. Standardized design and continuous optimization offer the industries a financially-backed service guarantee.

Nile DHCP Service

A Nile Access Service cloud-based add-on that simplifies DHCP provisioning, enhances security, and operates seamlessly for reliable IP addressing of connecting wired and wireless endpoints.

Nile Guest Service

Secure, cloud-managed Nile Guest Service connectivity that completely isolates visitor traffic from the production network. All guest traffic is routed to a Nile-hosted point of presence (PoP) for added security and traffic enforcement. Includes a customizable portal and automated setup that removes the need for complex customer-managed configuration.



Nile delivers an AI-powered wired and wireless network with built-in Zero-Trust security, powered by enterprise-grade Nile switches and access points managed through a single cloud-delivered architecture. Unified telemetry and continuous automation eliminate legacy complexity, guarantee optimal performance, and enable Lean IT teams to support more sites with fewer resources or tools. The platform is delivered through a standardized Service Catalog that includes Access, DHCP and Guest services.

Why Lumen?

Lumen is the trusted network for AI. Industry leaders trust the Lumen network infrastructure to build AI capacities. With a comprehensive portfolio, Lumen can help your business deliver high-quality connectivity, reduce costs and complexity, and enhance your security posture. Rely on the extensive and deeply peered Lumen global network, Black Lotus Labs' threat intelligence, and our team of experts to help deploy and manage the solution.

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