

Lumen[®] Enterprise Wireless Access Service

Rapidly deploy wireless access for mission critical sites and applications

Enterprise Wireless Access Service (EWAS) complements Lumen's on-net network footprint with extensive relationships with 4G LTE and 5G wireless access providers across North America providing a cost-effective, ubiquitous non-terrestrial primary or backup access option especially well suited for hard-to-reach locations.

EWAS perpetually and automatically connects to the strongest cellular carrier signal so organizations are not stuck in the dust when local network conditions change over time.

Lumen provides full end-to-end management including design, device configuration, white-glove install, data management, and customer support. Lumen's single point of troubleshooting means no finger pointing between hardware, network, or software providers, enabling faster issue resolution.

5G performance

Upgrade to 5G for lightning-fast internet speeds up to 10 times faster than 4G¹. With backwards compatibility with 4G LTE, you can help future proof your network infrastructure to take advantage of 5G bandwidths once they're available.

Carrier agnostic

'Best Network Selection' algorithms drive site-specific network selection that optimizes performance, protects customer from network downtime, and utilizes the strongest signal from all 3 major US carriers from a single provider.

Unlimited data

Offering an unlimited multi-carrier data plan, so customers don't have to worry about overages or restricting use to solely backup.



“**Transformative 5G use cases are the result of diverse yet integrated ecosystem coming together, and for enterprises/businesses seeking to realize the benefits of 5G adoption, it is absolutely critical to leverage wireless solutions vendors that bring a portfolio of partners and service providers to ensure seamlessly integrated deployments that avoid vendor lock-in.**”

— Jason Leigh
IDC Research Manager, Mobility

1. Accenture CTIA. Spectrum Allocation in the United States. 2022

Features and specs

- Hybrid WAN solution that supports IP VPN, DIA, broadband, SASE and SD-WAN solutions
- SLA 99.99% service availability when combined with other access methodologies (DIA, Broadband, MPLS)
- Unlimited data plans
- Multi-carrier SIMs
- Available in North America
- Short turn-up time for primary locations
- Single or dual primary wireless access
- On site installation options
- Dedicated customer success representative assigned to your account
- Includes preconfigured wireless device, SIM, and data plan

Customer portal

- Delivers usage and billing reports
- Troubleshooting ticket creating
- Dedicated operational teams that manage changes, network monitoring, troubleshooting, and performance management

Common use cases

Ability to support critical business with low bandwidth services

Retail

- Point-of-Sale systems
- Customer interaction strategy, inventory management, digital signage, and video training
- Limited, or low-speed wireline broadband options available

Construction

- Temporary construction sites
- Lack of terrestrial connectivity
- Ability to support critical business with low bandwidth services
- Need flexibility to quickly establish site connectivity
- Direct access to internet and cloud services

Oil and gas

- Unmanned sites in rural locations
- Simple connectivity requirements
- Support meter readings by drivers
- No limited wireline access at high cost

Backup / Disaster recovery

- Quickly switch to 5G FWA to maintain connectivity so critical operations can continue
- Cost-effective disaster recovery solution for businesses without dedicated backup networks
- Provides flexibility and resilience to businesses vulnerable to disruption caused by weather, construction, or other factors
- Provides business continuity and minimizes downtime in the face of unexpected disruptions

Financial institutions

- ATM sites
- Remote branch connectivity

Why Lumen?

Lumen offers a differentiated cellular experience with EWAS by providing flexibility and redundancy that is not possible with traditional cellular solutions. By partnering with Lumen, you can enjoy a seamless wireless experience across your locations, while simplifying the operation and management of working with multiple providers.

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