

# Lumen<sup>SM</sup> Adaptive Network Security Service

Protect your business with a managed network-based firewall delivered from the cloud.

The security pressure is building for today's enterprise defenders. But with limited resources and the pressure to quickly respond to firewall alarms and events, practitioners struggle to keep up. Lumen Adaptive Network Security Service streamlines threat management by enabling consistent policy deployment, monitoring and event management across hybrid security environments.

## Benefits

- **Network-based protection**  
quickly adapt to new threats without huge capital investments via technology service chaining across 31 global Lumen gateways.
- **Next-generation firewall/UTM capabilities**  
get full range security functionality including: IDS/IPS, web content/ URL filtering, data loss protection (DLP), application awareness and control, anti-malware (sandboxing), log retention and reporting.
- **Threat visualization**  
near real-time view of threat landscape through a single portal
- **Rapid Threat Defense capability**  
detect and automatically block threats based on customer-selected security policy and threat risk scores
- **Internet carrier-agnostic**  
provide protection for Lumen and/or 3rd party internet connections

Companies using third-party managed firewall solutions reported an average 50% reduction in false positives.\*

## Technical features and capabilities

- Adaptive Network Security is built within the Lumen network to leverage local internet peering points to minimize latency
- Rapid Threat Defense and threat visualization are powered by Black Lotus Labs threat intelligence
- Encrypted remote access to private networks, cloud providers or to public internet
- Supports mix of remote access sites and mobile users connecting from public and private connections (SD-WAN and MPLS/IP VPN)
- Highly available service is provided by redundant security architecture
- Configure one set of firewall policies to secure locations and users with no hardware to deploy
- Shared bandwidth model per firewall instance supports multiple deployment use cases

\*IDG MarketPulse, Managing to the Edge: The Necessity of Network-Integrated Security, May-August 2019

## Why Lumen Connected Security solutions?

At Lumen, we see more to stop more threats. Our global network backbone provides vast visibility into the threat landscape to help power our portfolio of security solutions. Adaptive Network Security Service enables customers to deploy consistent security policies across hybrid environments to support secure internet connectivity through next-gen/UTM firewall capabilities delivered via the cloud.

### Adaptive Network Security Service package levels\*

Capabilities	Basic - No FW Features	Basic	Premium
Firewall (100 rule set)		●	●
Encrypted tunnel (remote access mobility or site)	●	●	●
Log retention and reporting	●	●	●
Intrusion detection/intrusion protection (IDS/IPS)		●	●
Threat visualization		●	●
Rapid threat defense			●
Log streaming (opt-in)			●
Application awareness			●
Data loss protection			●
Web content filtering		Optional	Optional
Anti-malware sandboxing		Optional	Optional
Advanced professional services		Optional	Optional
<b>Support</b>			
24/7 security operations center (SOC)	●	●	●
Management and monitoring	●	●	●
Basic policy changes	5 per month*	5 per month*	5 per month*

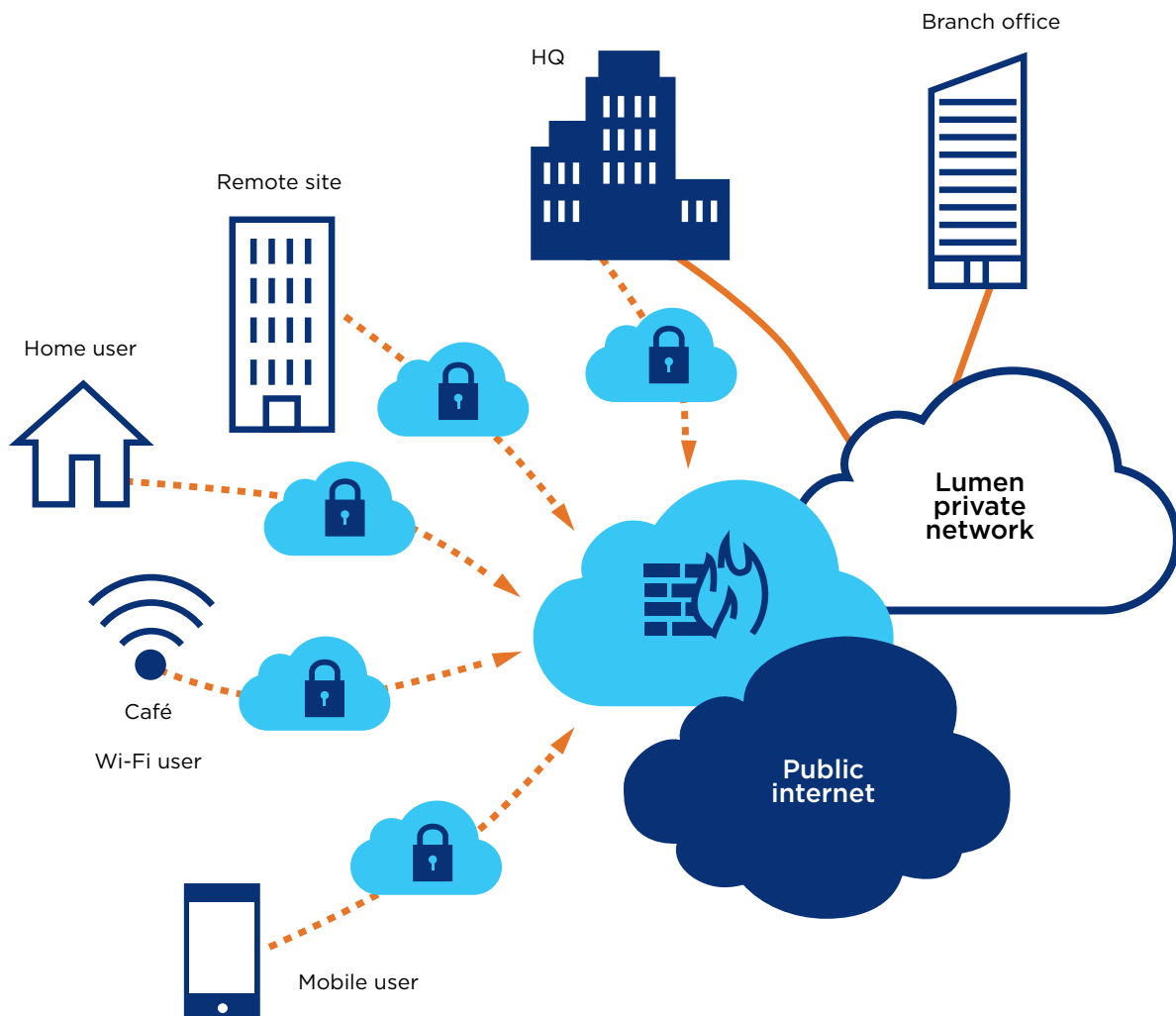
\* 5 per month per ANS Gateway. More than 5 per month is \$200 per change

### Firewall deployment use case #1

- remote access
- internet traffic flows over encrypted connections to Adaptive Network Security firewall.

### Firewall deployment use case #2

- secure internet connectivity for MPLS and remote access users.



Contact Lumen to learn more about defending your infrastructure through a centrally managed network-based firewall solution and enable greater threat visibility, efficiency and control.

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