

# Lumen® DDoS Hyper

Activate DDoS protection for critical web assets in minutes.

To defend against increasingly sophisticated distributed denial of service (DDoS) attacks, organizations need advanced detection and mitigation capabilities they can activate on their terms. Lumen® DDoS Hyper provides a digital quote-to-order process with automated turn-up of network and application layer protection when you need it most—in minutes, not weeks.

## Defense in depth

Our extensive and deeply peered global network acts as a first line of defense with DDoS countermeasures integrated directly in the network to stop attacks faster.

## Self-serve DDoS protection

Quote, order and configure network-based, unlimited on-demand mitigation for volumetric attacks with clean traffic return via GRE tunnel.<sup>1</sup>

## Security experts at the push of a button

Add Professional Security Services assistance from a designated consultant for portal onboarding, runbook development, configuration analysis and mitigation reporting—available from 5 to 20 hours per month.

“Lumen customers reduced mean-time-to-detect (MTTD) and mean-time-to-respond (MTTR) for DDoS attacks by over 75%.”

— Forrester, *The Total Economic Impact™ Study of Lumen DDoS Mitigation Service*, April 2020



## Features

### Scalable attack mitigation

- Network-based, unlimited, on-demand mitigation for volumetric and application layer attacks
- 15 global, intelligent scrubbing centers backed by 85+ Tbps of Flow-Based Monitoring capacity
- 9,000+ unique AS interconnects<sup>2</sup> and 120+ Tbps of network capacity
- Up to 10 Gbps of clean traffic return, with up to 10 GRE tunnels and 10 Flow-Based Monitoring instances
- Protects Lumen or third-party connections for IPv4 traffic
- On-Demand with proactive or auto-mitigation controls
- Up to 10-minute time-to-mitigate SLAs for most attacks after traffic hits scrubbing centers

### Rapid, self-serve ordering and configuration

- Simplified quote and order process, with automated provisioning of service in minutes
- Predetermined configurations for customer premises equipment
- Predictable monthly service rate, regardless of size, length or frequency of DDoS attacks

### Enhanced monitoring and global support

- Proactive monitoring and alerting using NetFlow from customer edge routers
- Nine global security operations centers (SOCs) offer 24/7 support

### Advanced DDoS mitigation features

- Always-On service with the option to start or stop mitigation via automated, customer-facing controls
- Clean traffic return via dedicated IP VPN connections or integrated with Lumen internet service
- Additional cloud-based WAF/WAAP/Bot Management capabilities for increased application layer protection



<sup>1</sup>Lumen also offers advanced DDoS mitigation features, including Always-On service with the option to start/stop mitigation via automated customer-facing controls, clean traffic return via dedicated IP VPN connections or integrated with Lumen internet service, and additional cloud-based WAF/WAAP/Bot Management capabilities for increased application layer protection. To learn more, please visit: <https://www.lumen.com/en-us/security/ddos-and-web-application.html> and contact your sales representative.

<sup>2</sup>Telegeography, *Global Internet Geography Executive Summary*, 2018.

## Why Lumen?

Lumen<sup>®</sup> DDoS Hyper provides a digital, automated and rapid turn-up of DDoS protections. Backed by multiple layers of DDoS mitigation defense, the extensive and deeply peered Lumen global network backbone uses advanced scrubbing center technology and Black Lotus Labs threat intelligence for reduced latency, enhanced performance and highly scalable mitigation capacity.