

# 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.

## Self-serve DDoS protection

Quote, order and configure network-based, unlimited mitigation for volumetric attacks with clean traffic return via GRE tunnel or integrated into Lumen internet using Internet Direct.<sup>1</sup> Get a predictable monthly service rate, regardless of attack size, length or frequency.

## Cybersecurity for the agile environment

As new applications are spun up in new environments, you control the additions of sites, tunnels and protected IP spaces and applications.

## Defense that fits your needs

Whether you're a Lumen internet customer or you bring your own network, DDoS Hyper can protect your infrastructure. Choose from monitoring and mitigation options that work best for you, such as Always-On or On-Demand.

“170 Tbps of network-based mitigation capacity across 500+ global scrubbing locations.”

— Security for the agile world



## Features

### Scalable attack mitigation

- Network-based, unlimited mitigation for volumetric attacks
- Global multi-tiered scrubbing architecture backed by 85+ Tbps of FlowSpec mitigation capacity
- 9,000+ unique AS interconnects<sup>2</sup> and 120+ Tbps of network capacity
- Up to 100 Gbps clean traffic return<sup>3</sup> with options for Internet Direct and GRE clean traffic return paths and flow-based monitoring instances
- Carrier-agnostic defense: Protects Lumen or third-party connections for IPv4 traffic<sup>4</sup>
- On-Demand or Always-On commercial models with proactive or auto-mitigation controls
- Up to 10-minute time-to-mitigate SLAs for most attacks after traffic hits scrubbing centers
- Automated detection, mitigation and response with Rapid Threat Defense backed by Black Lotus Labs<sup>®</sup> threat intelligence

### 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 Black Lotus Labs threat intelligence and NetFlow from customer or Lumen edge routers
- Seven global security operations centers (SOCs) offer 24/7 support

### Advanced DDoS mitigation features

- Additional Application Protection with cloud-based WAF/WAAP/Bot Management capabilities for increased layer 7 defense



<sup>1</sup>Lumen also offers advanced DDoS mitigation features, clean traffic return via dedicated IP VPN connections or integrated with Lumen internet, and additional cloud-based WAF/WAAP/Bot Management capabilities for increased application layer protection.

<sup>2</sup>Center for Applied Internet Data Analysis (CAIDA) AS Rank, August 2022.

<sup>3</sup>Clean traffic returns subject to availability, not all options are available in all areas.

<sup>4</sup>Read our DDoS Hyper FAQ for technical requirements.

## Why Lumen?

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. To learn more, please visit <https://www.lumen.com/en-us/security/ddos-hyper.html> and contact your sales representative.