DDoS Protection for healthcare

Spectrum ENTERPRISE

DDoS

Protect your patients and your network from malicious volumetric attacks with world-class distributed denial of service (DDoS) threat identification and mitigation.

DDoS Protection overview

Cyberattacks like DDoS are designed to flood connectivity to a network, application or service so that the intended users cannot access their resources. They are initiated with the goal of halting network operations, potentially causing damage to an organization's reputation, loss in revenue or both. DDoS Protection is a subscription-based service designed to detect and mitigate these types of network attacks and help keep your network up and running.

DDoS Protection from Spectrum Enterprise® applies cloud-based intelligence to quickly evaluate your expected network activity and identify threats attacking your Dedicated Fiber Internet service. Attack mitigation and traffic rerouting begin automatically to help keep your resources available.
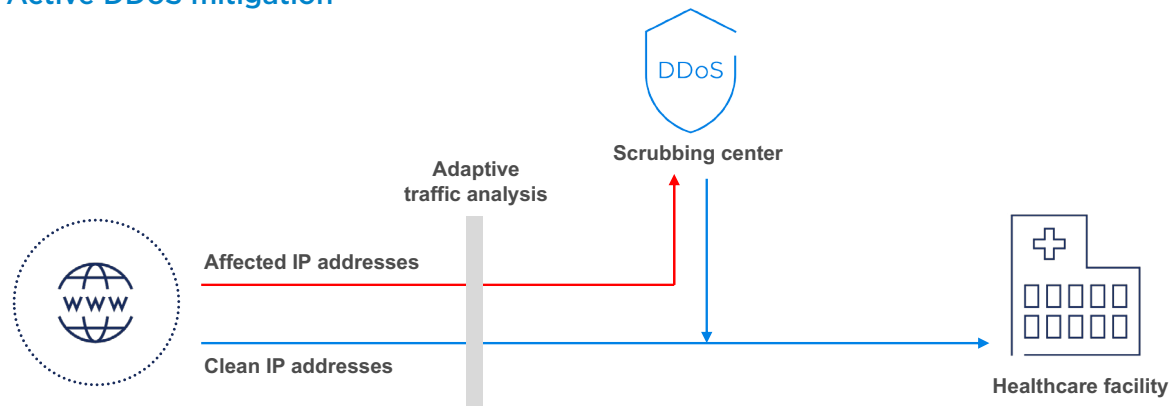
Product highlights

- **Fast resolution:** Quickly and automatically detect, redirect and mitigate malicious traffic, minimizing the impact of attacks.

- **Adaptive evaluation:** Comprehensive traffic evaluation that uses advanced analytics to identify anomalies indicating an attack, specific to traffic flow at each client location.

- **Scalable solution:** The solution can easily and seamlessly expand as your needs grow, with no bandwidth restrictions.

- **Continuous support:** Always available, single point of contact that connects clients directly to our network and security experts for swift issue resolution.

Key features

- Automatic threat detection and proactive resolution of volumetric attacks across Dedicated Fiber Internet connections.

- Precise, client-specific traffic evaluation and targeted IP-address cleansing using machine learning and artificial intelligence.

- Targeted scrubbing eliminates the performance impact on non-affected traffic.

- Supported 24/7/365 by our fiber Network Operations Center staffed by DDoS experts.

When a DDoS attack is detected by our service, traffic is rerouted for analysis and cleaning within our infrastructure. The traffic is then analyzed and malicious traffic is mitigated so that legitimate traffic returns to its original route and intended destination.

Active DDoS mitigation

DDoS

Scrubbing center

Adaptive traffic analysis

Affected IP addresses

Clean IP addresses

WWW

Healthcare facility

Spectrum ENTERPRISE®

Other available services

- **Managed cloud security:** Help protect every user, device and application with cloud-based solutions that simplify the security experience. **Secure Access with Cisco Duo** and **Cloud Security with Cisco+ Secure Connect** apply zero trust network access and multi-factor authentication technologies to help guard against unauthorized access to data both on and off your network. Make your security framework more efficient and improve visibility regardless of users' location with fully managed solutions and expert support.

- **Dedicated Fiber Internet:** Offers dedicated, high-speed, scalable, nationwide internet connectivity, with symmetrical upload and download speeds and bandwidth up to 100 Gbps. The service is backed by a 100% uptime service-level agreement (SLA) all the way to the hand-off point at your location.

- **Secure Dedicated Fiber Internet:** Connect with confidence when you integrate fast, dependable, dedicated fiber internet service with enterprise-level cybersecurity protection in one, affordable and remarkably simple solution.

- **Wireless Internet:** Provide temporary or secondary internet access over 4G or 5G LTE Advanced technology with this all-inclusive wireless internet service.

- **Managed Network Edge:** Simplify the deployment and management of your network with this modular, all-in-one solution. Delivered over the Cisco Meraki platform, Managed Network Edge offers security features, routing, SD-WAN, WiFi, switching, smart cameras, environmental sensors and the ability to work from anywhere there is an internet connection. Achieve flexibility and scalability with connectivity, equipment and network management from a single partner.

- **Enterprise Network Edge:** Improve the network experience for your staff and patients with an enterprise-grade managed solution that brings together connectivity, equipment and network management to support both hybrid networks and workforces. Powered by Fortinet, the solution simplifies IT operations by providing networking with security features and optional integrated WiFi and switching in a multi-cloud-ready platform.

Learn more

enterprise.spectrum.com/ddosprotection

About Spectrum Enterprise

Spectrum Enterprise, a part of Charter Communications, Inc., is a national provider of scalable, fiber technology solutions serving many of America's largest businesses and communications service providers. The broad Spectrum Enterprise portfolio includes networking and managed services solutions: Internet access, Ethernet access and networks, Voice and TV solutions. The Spectrum Enterprise team of experts works closely with clients to achieve greater business success by providing solutions designed to meet their evolving needs. For more information, visit enterprise.spectrum.com.

Spectrum
ENTERPRISE®