

DDoS Protection for K-12



Help protect your school or district network from malicious volumetric attacks with fully managed distributed denial of service (DDoS) threat identification and mitigation.

Protecting K-12 systems and student data is a growing concern and a priority among many schools and districts. 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 a school or district’s network operations, accessing private student data or uncovering intellectual property. DDoS Protection is a subscription-based service designed to detect and mitigate these types of network attacks to ensure availability and protection of network assets.

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

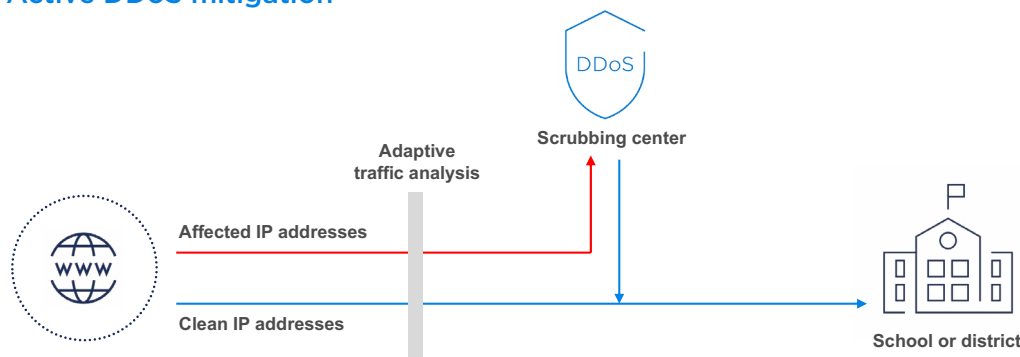
- **Fast resolution:** Quickly and automatically detect, redirect and mitigate malicious traffic, minimizing the impact of attacks.
- **Adaptive evaluation:** Comprehensive traffic evaluation that uses advanced analytics to identify anomalies indicating an attack, specific to traffic flow at each school or district 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 schools or districts 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, school or district-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 100%, 24/7/365 by our Network Operations Center staffed by DDoS experts.

When a DDoS attack is detected by our service, traffic is routed to one of our cloud-based scrubbing centers. 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



Other available services

- **Secure Access with Cisco Duo:** Help protect your organization from unauthorized access to sensitive systems, regulatory violations and data loss that can disrupt your business. Capabilities that include zero trust network access (ZTNA), multi-factor authentication (MFA) and identity management allow IT to set access policies by user and device, regardless of location.
- **Cloud Security with Cisco+ Secure Connect:** Allow remote users to access cloud SaaS applications and the internet securely and directly without reliance on a traditional centralized or premises-based security solution. This feature-rich cloud-based security service includes secure web gateway, cloud access security broker, identity management, ZTNA and more.
- **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. This service is backed by a 100% uptime service-level agreement (SLA) all the way to the hand-off point at your location.
- **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:** Delivered over the Cisco Meraki platform, this fully managed, modular service offers security features, routing, SD-WAN, WiFi, switching, smart cameras, environmental sensors.
- **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.

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.

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