DATASHEET

CORERO SMARTWALL ® ONE

DDoS PROTECTION AS-A-SERVICE

As a service or hosting provider, you understand the ongoing challenges of pricing pressure on your core offerings. To increase revenues and stand out from competitors, value-added services are important. Corero SmartWall One DDoS protection is an attractive value-add service that can also serve as an additional revenue stream. With our services, you won't have to worry about complex 'per-tenant' policies as it is easy to manage through our convenient SmartWall Service Portal.

The threat of DDoS attacks is not to be taken lightly, as they can harm your reputation, brand, and bottom line. With the rise of such attacks and their average costs exceeding $200,000 per incident, now is the right time to safeguard your infrastructure, while generating additional revenue by offering this protection as a service to your customers.

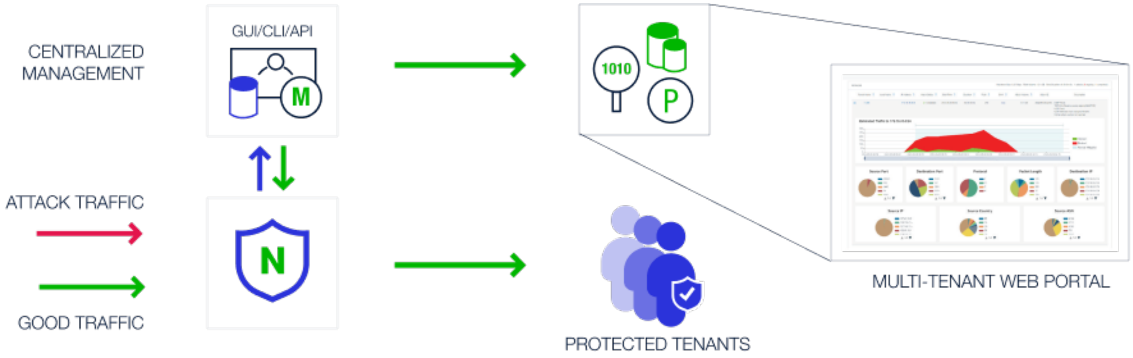
Value-Add Service Revenue

Create a differentiated offering to retain existing customers and attract new ones.

Deliver an enhanced service with automatically protected infrastructure, eliminating service outages and latency issues from DDoS attacks.

Generate incremental revenue with premium DDoS protection as-a-service, providing attack visibility for protected customers and a rapid ROI on deployment and operating costs.

SmartWall One ensures you are protected across every external point of connection in your network. With a simple addition of our service portal, that protection becomes a valuable ‘protection-as-a-service’ revenue opportunity.



N Network Defense Device | M Provider Service Management | P Service Portal

Proactive DDoS Protection

Our market-leading, innovative SmartWall One platform delivers fast, automatic protection from DDoS attacks in seconds, rather than the minutes taken by legacy solutions. It automatically and surgically removes DDoS attack traffic, ensuring that 'good' user traffic remains flowing with no interruption or downtime to your network traffic. Flexible deployment topologies include:

- In-line appliances
- Infrastructure-based
- In the cloud
- Scrubbing centers

Protection is available in cost-effective increments which scale to tens-of-terabits, supporting your growing bandwidth requirements. SmartWall One solutions are the highest performing in the industry and provide robust DDoS protection coverage at unprecedented scale, with low total cost of ownership.

DDoS Protection Service Flexibility

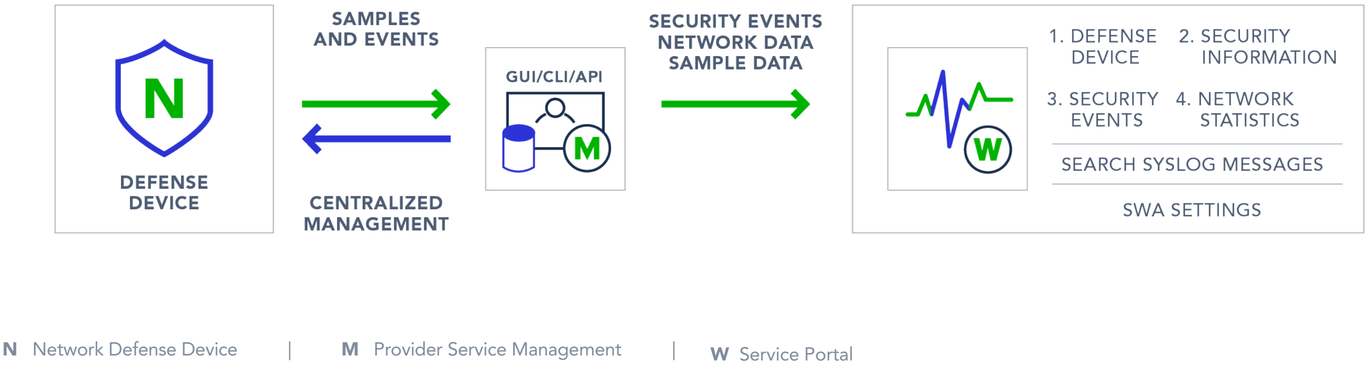
Our service portal is highly customizable and is designed to work with your requirements, whether you are experienced with DDoS or not. Service levels are fully flexible and can be set up according to the number of tiers that you offer and the types of subscriber being protected.

Providers can configure the service to:

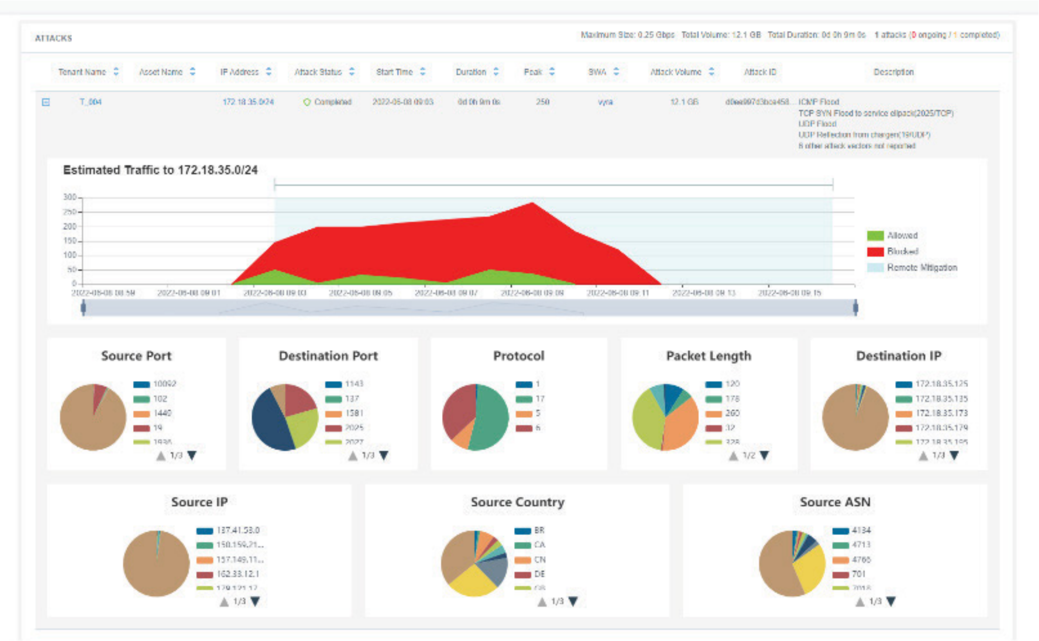
- Onboard customers and assign DDoS protection service levels
- Set up alerts and reports for customers
- View attack dashboards for each customer

Protected tenant customers can:

- Log in to their own view to access DDoS attack reports and dashboards
- Clearly see when there is an attack and when their traffic is protected
- Get comprehensive views of attack information from easy-to-understand dashboards



> "Corero has provided a robust solution that protects NRBN and its customers from the increasing threat of DDoS attacks."
>
> **Glenn Hynes,**
> *Director of Network Technology and Business Transformation,*
> *Niagara Regional Broadband Network (NRBA)*



ATTACKS

Maximum Size: 0.25 Gbps Total Volume: 12.1 GB Total Duration: 0d 0h 9m 0s 1 attacks (0 ongoing / 1 completed)

Tenant Name	Asset Name	IP Address	Attack Status	Start Time	Duration	Peak	BWA	Attack Volume	Attack ID	Description
T_004		172.18.35.0/24	Completed	2022-06-08 09:03	0d 0h 9m 0s	250	vyra	12.1 GB	d0ee997d3bca458...	ICMP Flood TCP SYN Flood to service dlpack(2025/TCP) UDP Flood UDP Reflection from chargen(19/UDP) 8 other attack vectors not reported

DDoS attack analysis dashboards for protected tenants

Key Service Benefits

Simple Lifecycle Management

Easy to onboard, update, set service levels or remove tenants from the system, as well as set automatic attack alerts to demonstrate the value of your DDoS protection to unsubscribed tenants.

Automated Reporting

Scheduled email reports to every tenant, demonstrating the benefits of your DDoS protection service.

Easily Customizable

Login screens, service descriptions, terms of service, logos and password policies can all be modified to match your branding and service offering.

Attack Analysis Tools

Live and historical attack traffic can be monitored and analyzed by packet rate and bandwidth. Detailed DDoS attack analysis includes visibility into:

» Top Source Addresses
» Ports, Protocols and Packet sizes
» Source Countries and ASNs

Per Tenant Visibility

Focused dashboards and real-time alerts help you and your tenants to understand the frequency, size and details of attacks and show the value they get from the service.

Easy Integration

As well as enabling a comprehensive standalone solution for multi-tenant service enablement, a built-in programmatic interface ensures simple, but powerful, integration with your existing customer lifecycle management and reporting tools.

Technical Specifications

Service Visibility

Provider Login
Live and historical reporting on attack size and duration
Service overview and per-tenant views

Tenant Login
Live and historical reporting on attack size and duration
User management

Management

Web-Based GUI
HTTPS-secured portal login
Fully customizable tenant login screen

Secure Authentication
Role-based access via LDAP

Programmatic API
JSON-based REST

Service Enablement

Service Policy
Configurable bandwidth-based service tiers

Alerting
Operator and per tenant configurable attack start, stop and service level notifications
Email or webhook (Slack/ Teams) alerts

Physical Environment

Hypervisors
VM using Linux server (Redhat Enterprise 7+, Centos 7+, Ubuntu 16.04+, Debian 9.9) vCenter Server 6.5+ with ESX/ESXi 6.5+

System Requirements
Memory: minimum 16GB, recommended 32GB Disk: 400GB

System Capacity
10,000 tenants

US HEADQUARTERS ✉ info@corero.com **EMEA HEADQUARTERS** ✉ info_uk@corero.com