



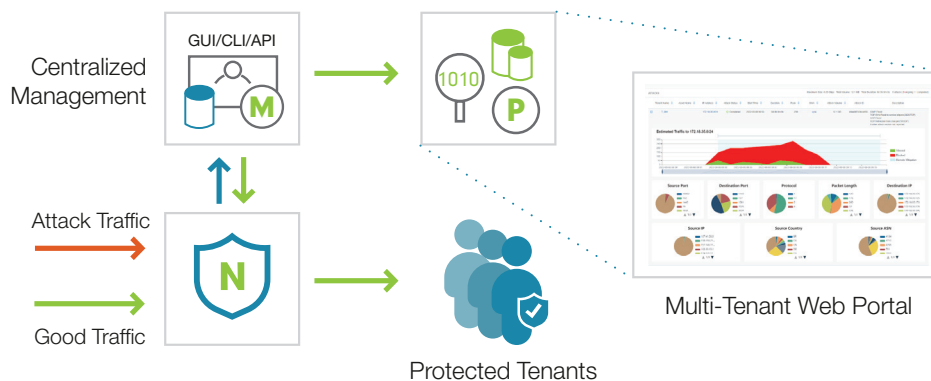
SmartProtect Solution Brief

DDoS Protection as a value-add service

Distributed Denial of Service (DDoS) attacks are a major cybersecurity threat to Service and Hosting providers' infrastructure, and to their customers. However few Providers offer sufficient protection to adequately defend against these attacks.

Corero SmartProtect® gives Providers the flexibility to add DDoS Protection wherever it is needed across their network. This scalable capacity is designed to transform DDoS protection into a service, enhancing network capacity by eliminating denial-of-service downtime and adding a new revenue stream to the bottom line.

Providers can protect from DDoS attacks and offer as a service to tenants



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

Keep customers online and increase ROI

DDoS attacks are now considered one of the most serious and common threats to business continuity and it's vital for Hosting Providers, Internet Service Providers (ISPs) and MSP/MSSPs to have the control to defend their network and downstream customers from them. Today's networks are dynamic and constantly changing so 'traditional' DDoS solutions simply don't work. These mitigation solutions don't reconfigure dynamically, so they can't detect new or evolving DDoS threat vectors.

When a potentially damaging DDoS attack threatens, Providers benefit from being able to defend their entire network surgically, in real time, to prevent the attack from overwhelming the victim and potentially impacting other tenant customers, as collateral damage. Options like blackholing the victim's traffic are typically not viable, as this means blocking all their traffic - the unwanted DDoS packets as well as the good traffic.

With Corero SmartProtect, Providers can defend their network against damaging DDoS attacks and are also empowered to offer that real-time protection-as-a-service to their tenant customers, with a flexible pricing model to suit business needs.



Key Benefits



Value-Add Service

Retain existing customers and attract new ones with a differentiated offering that delivers a rapid ROI on deployment and operating costs



Proactive Protection

Automatically protects provider infrastructure and eliminates customers' service outages due to volumetric DDoS attacks



Service Flexibility

Automate service levels and protect SLAs with fine-grained policies enforced by on-premises mitigation combined with local and upstream signaling



Comprehensive Visibility

Forensic-level analytics combined with multi-tenant visibility, alerting and reporting



Providers who are automatically protected against DDoS, in real-time, are prioritizing their customers' internet availability and resiliency. This brings competitive advantage and a way of generating incremental revenue by offering DDoS protection as a value-add service.

SmartWall Protection

SmartProtect is powered by Corero's SmartWall solution, which delivers real-time mitigation of DDoS attacks automatically, in seconds, not the minutes, or tens-of-minutes, taken by traditional solutions.

Supporting multiple deployment topologies, SmartWall enables an always-on DDoS mitigation architecture to automatically and surgically remove just the DDoS attack traffic, saving the target from experiencing damaging downtime.

Flexible Bandwidth Options

Protection is offered in cost-effective scaling increments of 1Gbps, 10Gbps and 100Gbps to support the growing bandwidth requirements of your business. It includes configurable policies to selectively customize protection to optimally defend critical network assets against DDoS attack traffic. The Corero SmartWall solution is the strongest performing in the industry, delivering the most comprehensive DDoS protection, to unprecedented scale, with the lowest total cost of ownership.

For Providers looking to add value to their network offering, as well as grow and retain customers, SmartWall delivers a simple solution to elevate DDoS protection to DDoS protection as-a-service.

Key benefits include:

- » Leverages Provider's existing network to mitigate DDoS attacks
- » Seamlessly integrates with your network and hosting infrastructure for easy installation
- » Flexible always-protected and on-demand service options
- » DDoS protection turn-up available in minutes
- » Simple and cost-effective: clean traffic delivered on the same port
- » Enables service scaling to protect against the largest attacks
- » Enables constant protection against repeat or cyclical attacks
- » Real-time, automatic, surgical protection against volumetric and state-exhaustion attacks

Providers can support and manage their tenants' DDoS protection with a service that provides:

Customization: tenants access Provider-branded online service portal

Visibility: comprehensive DDoS attack insights and reporting

Cost-effective: pricing models based on committed internet bandwidth

Manage Risk: clear SLA and mitigation response guarantees

Optimized pricing: tenants can match risk level with available budget

Expertise: Optionally managed by Corero's SOC experts



"We're delighted to be partnered with Corero to secure our network & protect all customer infrastructure from DDoS attacks."

We provide the highest performance cloud & network platform in the world, so we're naturally committed to securing it with world-class DDoS protection by default... Corero's industry-leading offering was the clear choice for us."

Matt Shearing,
CEO at OneQode,
High-Performance Cloud
Infrastructure for Modern
Applications

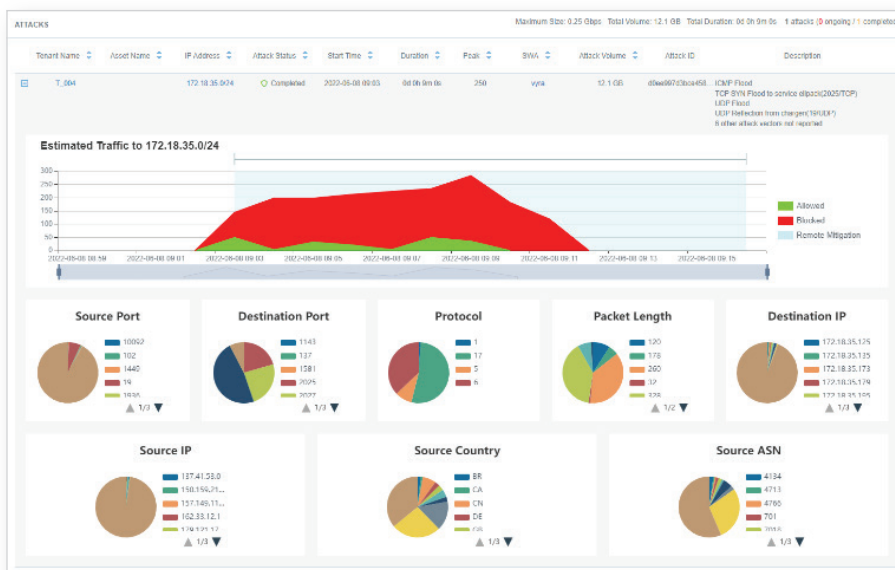


DDoS protection is delivered as a service via the Corero SmartWall Service Portal with multi-tenant and service enabling capabilities, including:

- » DDoS attack monitoring dashboards globally, and per customer
- » Role-based access for provider and tenant customer users
- » DDoS attack reporting and real-time alerting
- » Tenant customer life-cycle management

The web application portal enables providers to onboard tenant customers, define and assign DDoS protection service levels and view attack dashboards for each. Protected customers can login to their own view, to access DDoS attack reporting and analytics, and understand the value of the DDoS protection they are receiving.

Tenant Portal shows real time DDoS attack analysis and reporting



Flexible Procurement

Corero SmartProtect also includes the flexibility for providers to purchase real-time DDoS mitigation in a way that aligns to their business model. Options include a traditional CAPEX model whereby costs are met up-front, or an OPEX model where costs are spread evenly over multiple years.

“The ability to manage and protect our 5GN customers in real-time in combination with lower latency networking benchmarks were critical features in selecting Corero for our IP Transit DDoS protection.”

In partnering with Corero, we have designed and implemented a security solution in accordance with world’s best practice for preventing DDOS attacks.”

Marco Mattiuzzo,
CTO 5G Networks

US HEADQUARTERS

Email: info@corero.com

corero.com

EMEA HEADQUARTERS

Email: info_uk@corero.com

