

Expert, Continuous DDoS Defense Services in Concert with On-Premises DDoS Defense Technology

The threat of Distributed Denial of Service attacks (DDoS) has grown more menacing than at any time since Internet-based commerce began to emerge as the primary means of conducting business around the globe. Every organization is a potential target and should adopt effective preventive technologies coupled with expert, comprehensive DDoS defense services.

DDoS has taken on increased prominence as a very serious threat, in particular because of increasing attacks by hackers motivated by often vague political agendas that make DDoS attacks quite unpredictable and therefore all the more disturbing. DDoS perpetrated by hostile nation states and unscrupulous competitors extend the scope of the threat. To make matters worse, the threat landscape still encompasses criminal extortion under threat of DDoS, and “Internet hooliganism” perpetrated by attackers for the sheer perverse satisfaction of showing off their talents.

These attacks often come in the form of familiar network floods that inundate and overwhelm IT infrastructures with staggering volumes of traffic. More recently, organizations are being victimized by insidious application layer DDoS attacks, which appear as normal transactional traffic. These attacks fly under the radar of most DDoS detection methods, yet exhaust server resources and bring critical business applications to a halt.

Corero: Products and Partnership for DDoS Defense

Corero Network Security offers an unmatched combination of technology and services to help organizations defend themselves against DDoS attacks.

DDoS Defense System (DDS) products provide inline network DDoS protection on the customer premises. DDS provides effective DDoS detection and attack mitigation against both traditional SYN flood and other attacks based on extreme traffic volume, and stealthy application-based DDoS, which can disrupt or even bring business to a halt.

These high-performance, low-latency products thwart DDoS attacks while maintaining full network and application availability so that business continuity is fully assured. DDS relies on a DDoS-optimized implementation of Corero’s proven 3 Dimensional Protection (3DP) architecture, based on a triumvirate of network security technologies — rate-limiting capabilities, stateful firewall filtering and stateful protocol analysis.



SecureWatch PLUS

Continuous Service from the Start

SecureWatch PLUS is a comprehensive suite of configuration optimization, monitoring and response services for DDoS defense. These are customized to meet the security policy requirements and business goals of each Corero DDS customer that selects this premium service option. With SecureWatch PLUS, customers receive expert DDoS defense services starting with organization-specific implementation, continuing with around-the-clock monitoring and immediate and effective response in the event of an attack.

Each services engagement is uniquely tailored to the customer's IT and business environment and ongoing needs. A dedicated technical account team works closely with the customer to ensure a successful deployment and DDoS defense planning, rigorous monitoring and alerting, and swift response and follow-through in the event of an attack.

SecureWatch PLUS Features Three Stages of Support

<i>Preparation</i>	<i>Vigilance</i>	<i>Response</i>
<ul style="list-style-type: none">• Corero audits the SecureWatch PLUS customer's IT environment, and works with them to provide a customized and complete defensive configuration based on corporate security policy, business objectives and DDoS defense best practices• Corero experts and the customer collaboratively establish a coordinated DDoS response plan for timely and effective actions that ensure continued availability of critical systems and applications in the event of an attack	<ul style="list-style-type: none">• Ongoing collaboration and communication between Corero, represented by the dedicated technical account team and the customer to ensure up-to-date defenses in the face of evolving threats and a dynamic end-user environment• 24x7 security monitoring to deliver real-time alerting to the end-user and the Corero Security Operations Center staff at the onset of an attack	<ul style="list-style-type: none">• Immediate engagement of Corero DDoS defense experts, armed with a thorough understanding of the SecureWatch PLUS customer's policies, configuration and business-critical requirements. Corero works with customer IT staff to quickly and effectively mitigate the attack• Continued availability of Corero DDoS defense expertise throughout the duration of an attack to help assure business continuity• Post-incident assessment of attack methods, impact and recommended measures to improve preparation for and response to possible future attacks

The synthesis of superior security technology offered by the DDoS Defense System, the collaborative efforts of the SecureWatch PLUS customer personnel with their intimate knowledge of the business, and Corero's expert personnel, provides a uniquely effective, proactive partnership that assures unmatched DDoS defense and high assurance of business continuity.

About Corero Network Security

Corero Network Security, formerly Top Layer Security, is a leading global provider of Network Intrusion Prevention Systems (IPS) and Distributed Denial of Service (DDoS) attack defense solutions that enable enterprise organizations to protect their critical on-line assets against risks associated with network-borne cyber threats. Corero is headquartered in Massachusetts, U.S. with sales and services support worldwide.