

DDoS Detection and Prevention



Protecting your enterprise from cyber-threats requires 24/7 vigilance using advanced security process, policies and technology. Effective security monitoring is a demanding task, regardless of the size of your organisation, requiring skilled security specialists with the knowledge and experience to apply the right solutions for every business. Secode's advanced DDoS Detection and Prevention Service protects your business from attacks, downtime and loss of revenue, delivering control, expertise and damage prevention.

DDoS Detection and Prevention Services

Distributed denial of service attacks (DDoS) have for many years impacted on e-business where internet uptime is equal to production and income. One of the difficulties with DDoS attacks is that these appear just like normal traffic, raised to abnormally high levels, making it very difficult to distinguish and eliminate the traffic from the attacker. A box solution alone is not sufficient to deal with a DDoS attack – a trained security specialist is required, adjusting the protection method as the attacker changes the attack pattern.

Features

- Continuous monitoring for DoS and DDoS attacks
- Protection from DDoS attacks
- 24/7 real-time monitoring and detection of anomalous network traffic
- Conclusions by security specialists
- Free up internal resources
- Documented history
- Clear commitments through the Service Level Agreement (SLA)

Benefits

- Detection of and protection from DDoS attacks on your organisation's services, hosts and/or networks
- 24/7 real-time monitoring for slow response of services and/or networks, including detection of anomalies in traffic

A Distributed Denial-of-Service attack may seriously threaten any organisation that relies on the internet for delivering services or conducting business. An attack may last from a few minutes to several days, and will allocate all resources to prevent normal operation.

The economic consequences of network downtime are difficult to estimate, since this involves lost productivity, transactions, opportunities and customer dissatisfaction. For most businesses however, the costs will be significant and potentially damaging.

Providing effective countermeasures requires an organisation to be able to identify and filter rogue content without disturbing legitimate network traffic. Secode works with stakeholders including Internet Service Providers, to take both proactive and remedial action, since a successful attack will consume all available network resources. Without monitoring and adjustments from a trained security specialist equipped with the right tools, an attack will be impossible to manage and arrest.

Reporting and Analysis

The Secode DDoS Detection and Prevention service offers real-time manual reports if anomalies are detected, interpreted by our specialist consultants and accompanied by recommendations for immediate remediation. We also provide monthly reports detailing all analysed events and incidents with relevant statistics and trend analysis. This report is presented in person by an allocated Technical Account Manager to enable a

comprehensive discussion of an organisation's tactical and strategic approach, defined policies, service levels and risk posture. For those organisations that deploy multiple Secode services, we deliver a consolidated monthly overview to aid prioritisation of resources and reduce risk.

Results

Secode's advanced DDoS Detection and Prevention service provides real-time detection of and protection from attacks on services, hosts, groups of hosts and/or networks, before this affects you.

Business Benefits

The DDoS service minimises the risk of network downtime and damage, ensures productivity, and secures data transactions and customer satisfaction.

Management Benefits

The ROI of the service is to detect and eliminate security attacks at an early stage, limiting the damage caused by such incidents and decreasing the cost of managing them.

Operations Benefits

Secode reduces the impact of DDoS attacks by carrying out detailed analysis and taking swift remedial action against the problem. The management of these complex security systems is outsourced to experienced security specialists who are available 24/7. The result is analysis that you can rely on, with recommendations that you can act on immediately.

Secode Differentiators

An independent subsidiary of NTT Communications, Secode combines global capabilities with local resources, knowledge and presence as the leading IT security provider in the Nordic region, delivering unique value to our customers.

- Industry expertise – professional services are performed by experienced industry experts, providing you with well-substantiated knowledge about your security posture
- Innovative prioritisation to drive management decisions, including relative return-on-investment
- Meaningful action plans help prioritise next steps and subsequent priorities for reducing risk
- Well-defined risk management methodology
- Common sense approach, blending people, process and technology
- Independent review of assessment and attestation requirements
- Independent analysis of dashboards and information-sharing capabilities
- Timely, meaningful and personalised analysis and reporting

Deliverables

Secode provides detailed reports, designed to be relevant to specific stakeholders and also to reflect the individual requirements of senior management, operations and the audit and compliance teams.

A dedicated Technical Account Manager (TAM), acting as your Security Advisor, ensures that the services delivered meet business expectations.

Security specialists are available 24/7 to continuously update and configure the systems to get the most out of your investment.

We enable our customers to have an adaptive information security framework, which meets compliance requirements, reduces costs and saves time and resources.

About Secode

Scoping and designing compliance, Secode is the leading IT Security Company in Northern Europe. The vision is that the internet and IT is secure for business, transactions and information exchange.

The company offers surveillance and protection services (24/7 Managed Security Services) from the Secode Security Operations Centre. In combination with Secode Security Consulting, companies and organisations gain increased insight, competence and control over their operations from a complete IT security perspective. Secode today has customers across all industries and business sectors.

Securing Your Business

By asking the right questions, our security specialists resolve complex security, risk and compliance issues. This insight is essential to provide a complete end-to-end service – a service designed to meet specific business objectives, not merely address individual aspects of security. Secode's proven track record gives our customers the confidence to make security decisions based on expert advice at business, management and operational levels.

Secode secures your business.

For more information, visit
www.secode.com