



# OPTENET NETSECURE CCOTTA™ APPLIANCE

## AN INTELLIGENT, INTEGRATED SECURE WEB GATEWAY FOR ENTERPRISES

*Viruses. Spam. Spyware. Phishing. Malware. Inappropriate content. This is just a subset of the long list of security challenges that enterprises face every day. Threats continue to proliferate – and they are getting more and more sophisticated. Enterprises need to invest in security solutions that can scale as the organization's business needs grow, while evolving to keep pace with the ever-changing threat landscape.*



Optenet NetSecure CCOTTA™ Appliance combines Optenet's most powerful enterprise security offerings (WebFilter, WebSecure and MailSecure) to create a completely integrated content security solution. This intelligent, high-performance Secure Web Gateway is designed specifically for enterprises that experience high volumes of traffic and data on their networks.

Optenet NetSecure enables enterprises to improve security performance and increase capacity without compromising previous investments. It combines content analysis and intelligent filtering technologies for traffic, as well as multiple detection techniques that protect IT systems against any Internet-based threats from the network perimeter.

The solution can be purchased as software, or integrated into Optenet's optimized appliance, guaranteed to enhance each applications' performance. The flexible appliance enables massive scaling or simple incremental increases in security, eliminating the need for any additional hardware.

OPTENET NETSECURE FEATURES

- **Centralized policy-based management**, independent of the organization's network topology
- **A combination of powerful tools** – including an exclusive digital signature verification process and spammer catalog, intelligent classification techniques and analysis processes and access to reputation databases – that offers the industry's highest rate of accuracy
- **Virus and infection analysis** featuring the Kaspersky Lab anti-virus engine
- **Highly customizable Internet use policies** that can be set to manage Web access and filter sites based on a wide variety of criteria
- **Option to block communications protocols and applications** such as instant messaging, P2P file sharing, chat and VoIP
- **Powerful reporting tools** for analyzing and monitoring Internet use in real time across the organization
- **Optenet's exclusive 24x7 online content-reclassification service**, which ensures minimal overblocking/false positive rates
- **Multilingual content analysis** in 180 languages
- **Ability to establish policies for users and user groups** defined via LDAP, RADIUS, etc.
- **Multiple installation modes**, including proxy, bridge, sniffer, ICAP and router

OPTENET NETSECURE BENEFITS

- **Ultra high performance** that creates a smooth, seamless user experience
- **Maximum protection** from existing online threats as well as new variants – ranging from inappropriate Web content to viruses, spyware and other malicious code
- **Massive scalability** that allows content security to effortlessly keep pace with the organization's business and performance demands
- **Ability to set policy based on granular criteria**, such as blocking specific sites and file types at certain times of the day
- **Extremely low rate of overblocking or false positives** prevents the loss of critical information
- **Automatic updates** of new product versions and features
- **Incremental, real-time database updates**
- **Reduction of IT workload** as a result of central management
- **The ability to block inappropriate messages** before they even enter a company's network





At the heart of Optenet's integrated management platform is the Carrier Class Optenet Transparent Traffic Analyzer (CCOTTA™), an intelligent management engine that classifies the different types of traffic according to their protocol – from Layer 2 to Layer 7 – and then transmits it to the appropriate security application module based on specific policies defined by the administrator.

- Differentiates between protocols within the same category and reports network statistics in real time
- Allows users to define blocking and unblocking policies as well as limit bandwidth by protocol and QoS – features that combine to deliver deep packet inspection (DPI)
- Offers unrivaled intelligence capabilities – and, as the core of Optenet's products, ensures a level of protection impossible to match with individual point solutions

From a single powerful-yet-simple management console, Optenet enables quick and easy policy management for multiple applications across multiple locations and multiple machines. Administrators can use the console to execute and define unlimited blocking policies that are:

- Deployable on a global scale, independent of the network infrastructure
- Highly customizable and can be set up based on many different criteria such as users, user groups, IPs, IP ranges and VLANs
- Enforceable across distributed networks regardless of the geographic location of the end points
- Easily integrated with profiles defined in LDAP corporate directories, facilitating easier, faster deployment

All of Optenet's enterprise solutions also include the fastest real-time monitoring and reporting system available.

- Supported by a database incorporated into the solution without the need for additional licenses
- Customizable in real time based on what kind of analysis is required
- Flexible enough to provide enterprise-wide reporting as well as granular reporting based on user, location, group, or other classifications – all through the single management console

#### Central Administration Console



Optenet NetSecure combines a comprehensive range of security services – including Web filtering, anti-spam and anti-virus – onto a single, simple management console. As the organization's security needs increase, services can be added and expanded without the purchase of additional hardware that could compromise the initial investment.

#### ABOUT OPTENET

Optenet provides intelligent, integrated content security solutions to service providers and large enterprises. Optenet's technology protects 75 million end users worldwide, including the customers of many of the world's leading ISPs and mobile operators such as Orange, O2 and Telefónica, as well as global enterprise organizations such as McDonalds, Daimler AG and Hilton. For more information, visit [www.optenet.com](http://www.optenet.com).



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