



OPTENET SECURITY SOLUTIONS FOR SERVICE PROVIDERS

Who should be offering Optenet security services to customers?

- Hosted Service Providers
- Managed Service Providers
- Internet Service Providers (ISPs) and Telecommunications Service Providers
- Mobile Operators
- Security-as-a-Service Vendors

Why is Optenet the ideal solution for service providers offering security services?

- Multi-tenant platform
- Central management and distributed operation
- Industry-leading accuracy and incredibly low false positive rates
- Massive scalability that can serve tens of millions of customers on a single platform
- Extreme high availability and fault tolerance

DRIVING REVENUE AND ADDING VALUE FOR SERVICE PROVIDERS

Optenet's technology enables service providers to raise their competitive advantage, expand their portfolio of telecommunications services and generate additional revenue by offering flexible, scalable and reliable security services to their customers. With Optenet, service providers can supply all customers – from enterprises to individuals – with a full suite of high-performance security services designed to protect operations, desktops, mobile devices and more.



As the telecommunications space becomes increasingly competitive, carriers need to support the rapid growth and constant demands of their enterprise and residential customers. This means offering reliable value-added services that will make Internet access faster, safer and more cost-effective. Only Optenet can offer a fully integrated set of applications– including Web filtering, anti-spam and anti-virus– that can be centrally managed and customized to meet the specific security requirements of individual customers. Optenet's high availability, massively scalable content security suite enables a new generation of security offerings for service providers.

THE CHALLENGE – AND THE SOLUTION – FOR SERVICE PROVIDERS

Optenet's technology radically reduces the cost of delivering customized security services to customers. Carriers can run millions of instances of Optenet's software off a single hardware platform.

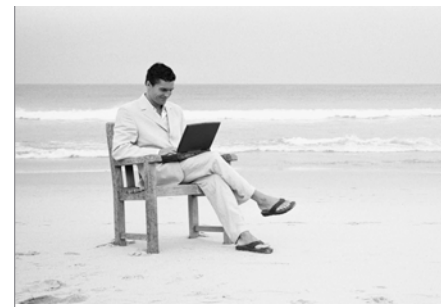
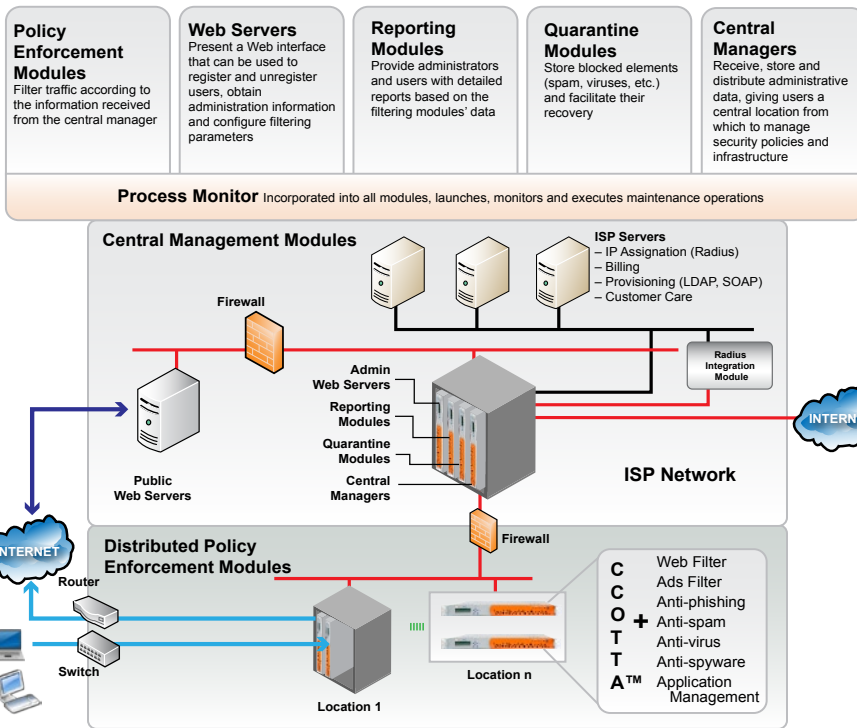
Traditional multi-instance service models require hosting a separate hardware platform for each customer, which gives users ultimate control and configurability, but winds up being expensive and space-consuming for carriers. Traditional one-to-many models require multiple customers to share a single instance of an application – which is highly efficient for service providers, but severely limits customers' ability to configure the solution to match business requirements.

And, while it reduces hardware, space and power requirements, software based on virtual machines is not able to scale to meet the demands created by a service offering designed for use by millions of customers.

Optenet's technology combines the best of both worlds, providing both operational efficiency and end-user flexibility, making it extremely cost-effective for carriers to provide customized security services to tens of millions of customers from a single solution.



Optenet's architecture is comprised of the following modules:



MODULAR ARCHITECTURE

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

OPTIMUM INTEGRATION WITH CCOTTA™

Optenet offers a wide range of solutions for service providers, mobile carriers and their customers.

	Service Providers				Mobile Operators		
	WebSecure	MailSecure	ContentSecure	ChildSecure	Mobile WebSecure	MessageSecure	MobileSecure
Web Filtering	✓		✓	✓	✓		✓
Anti-Spam		✓	✓			✓	✓
Anti-Spam MMS						✓	✓
Anti-Virus	✓	✓	✓		✓	✓	✓
Reporting Tools	✓	✓	✓	✓	✓	✓	✓
Ad Filtering	✓		✓				✓
Anti-Phishing and Data Leakage Protection	✓		✓				✓
Anti-Spyware	✓		✓				✓
Malicious Code Detection	✓		✓				✓
Protocol Management (IM, Chat, P2P)	✓		✓				✓

OPTENET'S PRODUCT PORTFOLIO

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.



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