Trend Micro™

InterScan™ Web Security Virtual Appliance

Comprehensive gateway web security for better protection and lower costs

Web threats are growing at an exponential rate, and according to TrendLabs, nearly 50% of all legitimate sites are hosting malware. URL filtering solutions that rely on periodic updates to local databases cannot keep pace with these rapidly-evolving threats. In addition, the growing complexity of IT infrastructure and Web 2.0 add to the security challenge. Administrators lack timely, actionable information about how the Internet is being used. At the same time, IT managers face economic pressure to reduce costs while improving web security.

InterScan™ Web Security Virtual Appliance addresses all of these problems with multi-layered, multi-threat web gateway security, which combines award-winning anti-malware with dynamic web reputation, and powerful URL filtering. When deployed with Trend Micro™ Advanced Reporting and Management, your administrators gain real-time visibility of Internet activity—enabling on-the-spot risk management. You will not only improve protection but also lower your costs.

KEY BENEFITS

Better Protection

Stops more threats at the gateway
- Stops more threats by integrating URL filtering with web reputation, malware scanning, and applet security
- Secures HTTP, HTTPS, and FTP traffic against malicious content
- Relieves the burden on endpoint security with virus and spyware protection at the gateway

Blocks new threats in as they emerge
- Stops known and unknown threats based on in-the-cloud web reputation and locally-defined policies
- Leverages our Smart Protection Network, which correlates web, email and file threat data in real time—for greater accuracy
- Delivers instant updates so you are protected immediately

Ensures safe and proper web use
- Offers highly-accurate policy-based URL filtering, further secured by web reputation
- Provides 80+ pre-defined URL categories, making it easy to set Internet use policies
- Enables granular policy control with custom categories and exception handling
- Supports application control for managing use of popular IM and P2P apps

Less Complexity and Lower Costs

Delivers unparalleled visibility and control²
- Integrates with Trend Micro™ Advanced Reporting and Management for real-time monitoring—an industry first
- Monitors web use as it happens, enabling on-the-spot remediation
- Centralizes management of distributed web gateways across the WAN

Optimizes resources and availability
- Deploys as a virtual appliance or software appliance, supporting datacenter consolidation and standardization
- Increases utilization rates of existing servers, reducing sprawl and energy costs
- Improves security levels with quick deployment of new capacity as needed
- Speeds recovery from unplanned outages

Simplifies installation and maintenance
- Quickly deploys hardened, tuned OS and security application integrated within your enterprise hardware platform of choice
- Eliminates the headaches of OS and security updates, version control, and testing
- Offers extensive deployment options—for scalability, performance, and reliability

SOFTWARE VIRTUAL APPLIANCE

Protection Points
- Internet Gateway

Threat Protection
- Blended threats
- Web threats
- Viruses and worms
- Bots
- Spyware & keyloggers
- Malicious mobile code
- Rootkits
- Phishing
- Content threats
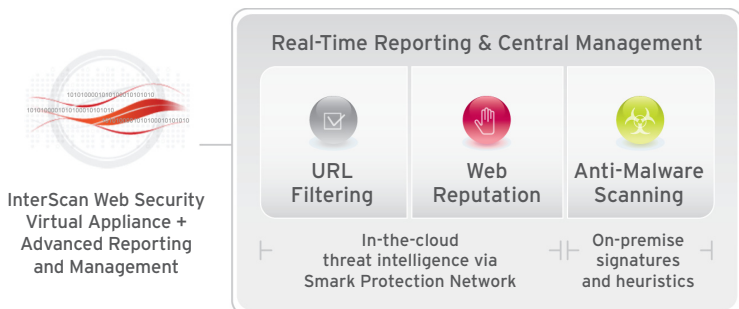- Non-business content

Deployment Options

Supports:
- Transparent Bridge
- Forward Proxy
- ICAP
- WCCP
- Reverse Proxy

Tightly Integrates with:
- LDAP
- Active Directory™
- SNMP
- Syslog

1 Real-time monitoring and other advanced reporting features are available only when deployed with Trend Micro Advanced Reporting and Management.

InterScan™ **Web Security Virtual Appliance** offers extensive deployment flexibility. The software virtual appliance can run as a dedicated software appliance on industry standard servers or as a virtual appliance running on hypervisor technology such as VMware.

InterScan Web Security Virtual Appliance + Advanced Reporting and Management

Real-Time Reporting & Central Management

URL Filtering | Web Reputation | Anti-Malware Scanning

In-the-cloud threat intelligence via Smark Protection Network | On-premise signatures and heuristics

KEY FEATURES

Web Reputation with Correlated Threat Data
- Blocks access to sites with malicious activity to protect against new, unknown threats in real time
- Powered by our Smart Protection Network, which checks the security of 5+ billion queries daily

Award-winning Gateway Antivirus and Antispyware
- Scans inbound and outbound HTTP, HTTPS, and FTP traffic for malware
- Prevents malware from entering your network, relieving the burden on endpoint security
- Stops virus and spyware downloads, phone home attempts, and malware tunneling

Powerful URL and Applet Filtering
- Leverages real-time URL categorization and reputation to block non-business or malicious sites
- Supports object-level blocking within dynamic web pages wuch as Web 2.0 mashups
- Stops drive-by downloads and blocks access to spyware and phishing-related websites

Real-Time Reporting and Central Management (with *Advanced Reporting and Management*)
- Monitors web activity as it happens—for unprecedented visibility
- Changes reporting to a proactive decision-making tool, enabling on-the-spot remediation
- Centralizes the configuration and reporting of multiple instances of the software virtual appliance

Flexible Deployment and Integration
- Offers flexible deployment options , including transparent bridge, ICAP, WCCP, forward or reverse proxy
- Ensures scalability, performance, and reliability without the cost of adding external load balancers
- Supports LDAP, Active Directory™, Syslog, and SNMP for tighter integration and lower TCO

Automatic Clean-up
- Integrates with Trend Micro™ Damage Cleanup Services to automatically remove threats

SYSTEMS REQUIREMENTS

Recommended Hardware Requirements:

Up to 4,000 users
- Dual 2.8 GHz Intel™ Core2Duo™ 64-bit processor or equivalent
- 4GB RAM

Up to 8,000 users
- Dual 3.16 GHz Intel™ QuadCore 64-bit processor or equivalent
- 8GB RAM
- 300 GB of disk space or more for log intensive environments (automatically partitions the detected disk space as per recommended Linux practices)

Server Platform Compatibility
- Virtual Appliances: Support VMware ESX and ESXi v3.5
- Software Appliances: For the latest Certified by Trend Micro platforms, visit: http://www.trendmicro.com/go/certified

For the latest system requirements for Advanced Reporting and Management and Damage Cleanup Services please refer to individual product pages on www.trendmicro.com.

COMPANION PRODUCTS
- Centralized Management
    - Advanced Reporting and Management

- Messaging Security Products
    - InterScan™ Messaging Security Virtual Appliance
    - InterScan™ Messaging Security Suite
    - InterScan™ Messaging Hosted Security
    - InterScan™ Messaging Security Suite for Crossbeam Systems

- Endpoint Security
    - OfficeScan Client/Server Edition

ALTERNATE PRODUCTS
- InterScan™ Web Security Suite
- InterScan™ Web Security Suite for Crossbeam Systems

CERTIFIED BY TREND MICRO

Trend Micro certifies appliance hardware platforms for compatibility with Trend Micro software virtual appliance solutions through extensive testing and validation designed to improve support and reduce risk for customers.