

Trend Micro™

# InterScan™ Web Security

**Superior protection against Internet threats and control over cloud-based applications**

Web threats are growing at an exponential rate, and the Internet is the number 1 source of malware attacks. According to TrendLabs, more than 80% of the top malware infections were via the web. Traditional Secure Web Gateway solutions that rely on periodic updates to local databases cannot keep pace with these rapidly-evolving threats. Furthermore, the growing use of cloud-based applications in the workplace such as Skype, Twitter and YouTube compound the security challenge. Administrators lack timely, actionable information about how the Internet is being used. At the same time, IT managers face pressure to reduce costs while improving web security.

**InterScan Web Security** is a software virtual appliance which dynamically protects against traditional and emerging web threats at the Internet gateway. Combined with superior anti-malware scanning, real-time web reputation, and flexible URL filtering, new features provide greater visibility into and control over the growing use of cloud-based applications on the network. When deployed with Trend Micro™ Advanced Reporting and Management, your administrators gain real-time visibility of Internet activity—enabling on-the-spot risk management.

## SOFTWARE VIRTUAL APPLIANCE BETTER PROTECTION

### Protection Points

- Internet Gateway

### Threat Protection

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

### Deployment Options

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

### Tightly Integrates with:

- LDAP
- Active Directory™
- SNMP
- Syslog

## KEY BENEFITS LESS COMPLEXITY AND LOWER COSTS

### Delivers unparalleled visibility and control<sup>1</sup>

- Integrates with Trend Micro™ Advanced Reporting and Management for real-time monitoring
- 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 with native failover and redundancy functions

### Simplifies installation and maintenance

- Quickly deploys a hardened, tuned OS and Internet 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

## SUPERIOR PROTECTION

### Stops more threats at the gateway

- Stops more threats by integrating malware scanning with web reputation, URL filtering, and active code security
- Secures Internet traffic against malicious content
- Relieves the burden on endpoint security with threat protection at the gateway

### Better visibility and control over the network

- Monitor and report on more than 420 protocols representing thousands of cloud-based applications.
- Set policies to allow/block access to protocols based on your acceptable use policy.
- Understand and manage Internet bandwidth to reduce costs and improve productivity

### Blocks new threats as they emerge

- Stops known and unknown threats based on in-the-cloud web reputation and local threat behavior analysis.
- Leverages the Trend Micro Smart Protection Network, which correlates web, email and file threat data in real time
- Provides instant updates for immediate protection

### Ensures safe and proper web use

- Offers highly-accurate policy-based URL filtering, further secured by web reputation
- Provides 83+ URL categories, making it easy to set Internet use policies
- Enables granular policy creation to control who can do what and when on the Internet
- Improved URL policy flexibility with Time Quotas and Password Override

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

**InterScan™ Web Security** offers unmatched protection at the Internet Gateway and provides the visibility and granular control that IT administrators need to keep their networks safe and their users productive. The software virtual appliance can run as a dedicated software appliance on industry standard servers or as a virtual appliance running on VMware and Microsoft Hyper-V.

## KEY FEATURES

### Application Visibility and Control

- Monitor and Report on more than 420 Internet protocols, including instant messaging, peer-to-peer, social networking applications, and streaming media
- Allow users to access cloud-based applications, but enforce acceptable use policies to mitigate risks and conserve resources

### 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, botnets, phone home attempts, and malware tunneling

### Web Reputation with Correlated Threat Data

- Blocks access to sites with malicious activity to protect against new, unknown threats in real time
- Powered by the Trend Micro Smart Protection Network, which processes over 5+ billion queries daily to provide a comprehensive view of Internet threats

### Powerful URL and Active Code Filtering

- Leverages real-time URL categorization and reputation to identify inappropriate or malicious sites
- Offers six different policy actions for web access control (monitor, allow, warn, block, block with password override, enforce time quota)
- Supports object-level blocking within dynamic web pages such 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 the optional Advanced Reporting and Management module)

- Monitors Internet 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 multiple network 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 from infected endpoints

## SYSTEMS REQUIREMENTS

The minimum requirements specified provide enough resources to properly evaluate the product under light traffic loads. The recommended requirements specified provide general production sizing guidance.

### Minimum Requirements:

- Single 2.0 GHz Intel™ Core2Duo™ 64-bit processor supporting Intel VT™ or equivalent
- 2GB RAM
- 12GB of disk space (IWSVA automatically partitions the detected disk space as required)
- Monitor that supports 1024x768 resolution with 256 colors or higher

### Recommended Requirements:

- Dual 2.8 GHz Intel Core2Duo 64-bit processor or equivalent for up to 4000 users
- Dual 3.16 GHz Intel QuadCore™ 64-bit processor or equivalent for up to 9500 users
- For up to 4000 Users: Dual 2.8 GHz Intel CoreDuo 64-bit processor or equivalent, 4GB RAM
- For up to 9500 Users: Dual 3.16 GHz Intel QuadCore 64-bit processor or equivalent, 8GB RAM
- 300GB of disk space or more for log-intensive environments. IWSVA automatically partitions the detected disk space as per recommended Linux practices

### Server Platform Compatibility

- Virtual Appliances: Support VMware ESX and ESXi v3.5+ and Hyper-V 2008 R2+
- 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](http://www.trendmicro.com).

## COMPANION PRODUCTS

### Centralized Management

- Advanced Reporting and Management

### Messaging Security Products

- InterScan™ Messaging Security
- InterScan™ Messaging Security Suite
- InterScan™ Messaging Hosted Security

### Endpoint Security

- OfficeScan Client/Server Edition

## 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.

<http://www.trendmicro.com/certified>



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