

Trend Micro™

InterScan™ Web Security Virtual Appliance

Comprehensive gateway web security delivers lower costs, greater flexibility, and improved business continuity

Cyber criminals are determined to infiltrate your enterprise defenses with blended threats engineered to capitalise on the web for illicit gain. These web threats adapt rapidly to avoid detection by traditional scanning methods, making it difficult for a growing number of infrastructure systems to keep pace with the risks. Without a strong, consistent defense at the Internet gateway, web threats can enter your network and steal customer data, degrade productivity, and hurt your bottom line.

InterScan Web Security Virtual Appliance delivers comprehensive gateway protection against today's most pervasive web threats by applying real-time web reputation, powerful content scanning, and URL filtering capabilities. This comprehensive software virtual appliance delivers the highest level of security and performance at the web gateway. InterScan Web Security Virtual Appliance optimises enterprise web security by lowering the time to protect users from emerging threats while simultaneously lowering operating costs in the datacenter.

KEY BENEFITS

Stops web threats before they penetrate your organisation

- Leverages Trend Micro™ Smart Protection Network and in-the-cloud services to ensure greater threat correlation, accuracy and responsiveness
- Integrates real-time web reputation, award-winning antivirus and spyware protection, applet security, and flexible URL filtering

Increases application availability and improves business continuity

- Increases web security service levels with quick deployment of new capacity where needed
- Speeds recovery from unplanned outages with virtualisation management tools

Simplifies installation, configuration, and maintenance

- Expands your options and flexibility in hardware selection and web security configuration
- Quickly deploys hardened, tuned OS and security application integrated within your enterprise hardware platform of choice
- Eliminates trouble with OS and application-level updates, patches, version control, and testing

Optimises existing server investment

- Increases utilisation rates of existing servers and supports data center consolidation and standardisation
- Simplifies infrastructure by eliminating proprietary, single-purpose hardware and the complexity of managing the OS/application stack
- Lowers capitalised hardware costs, greens IT, and reduces operating expenses of ongoing maintenance and deployment

SOFTWARE VIRTUAL APPLIANCE

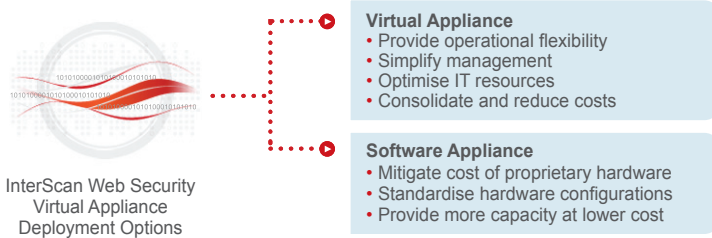
Protection Points

- Web gateway

Threat Protection

- Web threats
- Viruses and worms
- Spyware & keyloggers
- Phishing
- Malicious mobile code
- Bots
- Rootkits
- Content threats

InterScan™ Web Security Virtual Appliance offers enterprises flexibility in deploying Trend Micro's secure web gateway solution. The software virtual appliance can run optimally as a dedicated software appliance on industry standard bare metal hardware or as a virtual appliance running on hypervisor technology such as VMware. The deployment choice is made from a custom installer, distributed by Trend Micro both electronically and via CD.



KEY FEATURES

Web Reputation

- Provides zero-hour web threat protection with in-the-cloud analysis and real-time updates
- Blocks access to suspicious domains and protects HTTP and FTP traffic from new and emerging threats

Award-winning Antivirus and Antispyware

- Stops virus and spyware downloads, spyware phone home attempts, and malware tunneling
- Offers a real-time customer feedback mechanism that continually enhances Trend Micro's in-the-cloud reputation database to protect users from emerging malware sources

Flexible URL and Applet Filtering

- Blocks access to malicious spyware and phishing-related websites
- Stops drive-by downloads by analysing and validating ActiveX and Java applets for threats
- Complements Web Reputation by categorising web pages for safe access
- Filters URLs against flexible policies to control employee access to inappropriate websites

Centralised Management

- Centralises the configuration and reporting of multiple instances of the software virtual appliance
- Fully supports Trend Micro Control Manager™, a web-based, cross-product management console accessible from anywhere on the network

Automatic Clean-up

- Integrates with Trend Micro™ Damage Cleanup Services to automatically remove threats on infected clients and servers upon detection of threat-related web activity

Flexible Deployment and Integration

- Supports multiple deployment modes, including Transparent Bridge, Forward Proxy, ICAP, WCCP, and Reverse Proxy for cost-effective scalability, performance, and reliability without the extra cost and complexity of adding external load balancers
- Supports SNMP, LDAP and Active Directory™ for tighter integration and lower cost of ownership

SYSTEMS REQUIREMENTS

Server Platform Compatibility

Virtual Appliances: Support VMware ESX v3.5

Software Appliances: For the latest Certified by Trend Micro platforms, please see: <http://www.trendmicro.com/go/certified>

Minimum Hardware Requirements

- Single 2.0 GHz Intel™ Core2Duo™ 64-bit processor supporting Intel™ VT™ or equivalent
- 2GB RAM
- 8GB of disk space

Recommended Hardware Requirements:

Up to 4000 users

- Dual 2.8 GHz Intel™ Core2Duo™ 64-bit processor or equivalent
- 4GB RAM is recommended to support up to 4000 users

Up to 8000 users

- Dual 3.0 GHz Intel™ QuadCore 64-bit processor or equivalent
- 8GB RAM is recommended to support up to 8000 users
- 300GB of disk space or more for log intensive environments. IWSVA automatically partitions the detected disk space as per recommended Linux practices

ALTERNATE PRODUCTS

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

COMPLEMENTARY PRODUCTS

- Centralised Management
 - Trend Micro Control Manager
- 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

APPLIANCE PLATFORMS 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.



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