

Trend Micro

Virtual Desktop Security

Security designed for virtualized desktops

Desktop virtualization represents huge potential for IT savings. But security that is not designed for virtualized environments can seriously limit consolidation ratios and achievable return on investment. Because virtual desktops share hardware, simultaneous updates or security scans can dramatically impact endpoint performance and even result in AV storms. To maximize both VM-density and security, enterprises need a security solution that is specifically designed to address the unique requirements in virtual desktop infrastructures.

Trend Micro Virtual Desktop Security provides comprehensive protection for virtual desktops while preserving performance and consolidation ratios. Built specifically to handle the rigors of virtual desktop environments, Trend Micro Virtual Desktop Security maximizes security for a broad spectrum of virtual desktop scenarios—from single application kiosk-type use in public environments to the complete replacement of physical desktops. With true agentless malware protection for zero-client deployment and optimized in-guest-agents for highest security and portability, the solution helps enterprises maximize both the security and ROI of their VDI investment.

KEY FEATURES

Unique agentless anti-malware option

- Protects virtual desktops from file-based threats
- Requires no security agent to be installed inside the VM
- Leverages innovative VMware vShield APIs for seamless protection
- Integrates with virtualization management for easier administration

Virtualization-aware in-guest agent option

- Prevents resource contention with true virtualization awareness
- Maximizes security with memory scanning, cleaning and behavior monitoring
- Accelerates and de-duplicates scanning with base-image awareness
- Leverages in-the-cloud security for small footprint and less frequent signature updates

Backed by Smart Protection Network

- Speeds time to protection with real-time, cloud-based threat intelligence
- Correlates threat information across multiple attack vectors to strengthen security
- Leverages built-in Smart Feedback loops for more complete protection

SOFTWARE

Protection Points

- Virtual Desktops:
 - Citrix XenDesktop
 - VMware View

Threat Protection

- Antivirus
- Anti-spyware
- Anti-rootkit
- Firewall
- Web Threat Protection
- Host Intrusion Prevention*
- Virtual Patching*

* Available through optional plug-in or additional modules

KEY BENEFITS

- Secures your Virtual Desktop Environment with minimal performance impact
- Preserves the consolidation ratio to protect your ROI
- Covers all VDI use cases

SUPPORTED PLATFORMS AND SYSTEMS REQUIREMENTS

Please refer to the product pages on www.trendmicro.com for a comprehensive list of platforms and systems requirements.

OfficeScan System Requirements

Supported Platforms:

- OfficeScan Client: Microsoft® Windows® Server 2008 R2, 2008, 2003 R2, 2003; Windows 7, Vista, XP
- OfficeScan Server: Windows Server 2008 R2, 2008, 2003 R2, 2003; Microsoft Storage Server 2008, 2003 R2; Microsoft Cluster Server 2008, 2003
- VDI integration: Citrix XenDesktop on XenServer, Citrix XenDesktop on VMware ESX/vSphere, VMware View on VMware ESX/vSphere

For the complete list of OfficeScan system requirements, please refer to the **product page**: <http://us.trendmicro.com/us/products/enterprise/officescan/system-requirements/index.html>

Deep Security Platforms and Certifications

Virtualization Guest Platforms and Hypervisors:

- Virtual Appliance: VMware vCenter 4 and vSphere 4.1
- VMware®: VMware ESX Server 4.1 (guest OS)
- Citrix®: XenServer
- Microsoft®: HyperV
- Sun: Solaris™ 10 containers

For the complete list of Deep Security platforms and certifications, please refer to the **product page**: <http://us.trendmicro.com/us/products/enterprise/datacenter-security/deep-security/platforms-and-certifications/index.html>

TREND MICRO VIRTUAL DESKTOP SECURITY COMPONENTS

• Agentless Anti-malware

This component benefits from the industry's first and currently only integration with VMware's vShield Endpoint APIs—Deep Security 7.5. This integration enables the component to analyze file and network operations of any VM running on vSphere 4.1 hypervisors—using a scanning VM attached to that hypervisor.

• VDI-optimized Agents

This component leverages the industry's first agent-based endpoint protection with true virtualization awareness—available in OfficeScan 10.5. It implements advanced security features, including anti-malware, firewall, device control, behavior monitoring, virtual patching and scalable central management for both physical and virtual desktops.



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