

Trend Micro™

# OfficeScan™ 10.5

Industry-changing protection for physical and virtualized desktops

Today's enterprises are virtualizing desktops to lower costs and increase efficiency, but their endpoint security may not be prepared to safeguard them during this transition. Virtual desktops are as vulnerable to threats as their physical counterparts, especially when they are accessing the web. With over 2400 new malware attacks hitting per hour, physical and virtual endpoints are under increasing attack. To defend both, enterprises need a virtualization-aware solution designed to maximize security without compromising the performance and cost benefits of their virtual desktop infrastructure.

As the industry's first VDI-optimized endpoint security solution, **OfficeScan 10.5** delivers comprehensive protection for virtual and physical desktops on and off the corporate network. Combining world-class anti-malware with innovative in-the-cloud protection from the Trend Micro Smart Protection Network, OfficeScan is equipped to defend against high volumes of new threats. New virtualization awareness ensures constant availability by eliminating resource contention issues caused by conventional security on virtual desktops. File Reputation further frees resources by moving the burden of pattern file management into the cloud. And the optional Intrusion Defense Firewall plug-in provides virtual patching to protect against zero-day threats before patching is possible.

## KEY FEATURES

### New! Optimized for Desktop Virtualization

- Automatically recognizes whether an agent is on a physical or virtual endpoint to better target protection
- Prevents network, CPU, and storage conflicts by serializing scan and update operations per virtual server
- Shortens scan times of virtual desktops by white-listing base images and previously scanned content

### File Reputation

- Queries up-to-the-second data on the safety of a file before it's accessed
- Reduces the burden of pattern file management and lowers performance impact
- Provides immediate protection for endpoints, on or off the corporate network

### Web Reputation

- Defends against web-based malware, data theft, lost productivity, and reputation damage
- Determines the safety of millions of dynamically rated websites
- Provides real-time protection in any networking scenario regardless of connection type
- Improves web performance and privacy by synchronizing with a local server

### Superior Malware Protection

- Protects against viruses, Trojans, worms, spyware, and new variants as they emerge
- Detects and removes active and hidden rootkits
- Safeguards endpoint mail boxes by scanning POP3 email and Outlook folders for threats
- Secures handling of removable media according to corporate policy

### Virtual Patching (Intrusion Defense Firewall plug-in)

- Protects endpoints against vulnerability exploits before patches are deployed
- Provides zero-day protection, especially for endpoints that cannot be patched easily
- Faster and easier to deploy than patches

### Ease-of-Management

- Automatically cleans endpoints of malware, including processes and registry entries that are hidden or locked
- Easily integrates with Active Directory to retrieve and synchronize information on endpoints and report on policy compliance
- Centralizes management for physical and virtual endpoints, Macintosh computers, and mobile devices with a single, web-based console
- Supports easy task-delegation with granular role-based administration

## SOFTWARE

### Protection Points

- Physical Endpoints
- Virtualized Endpoints
- Macintosh Computers\*
- Mobile Devices\*

### Threat Protection

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

\* Available through optional plug-in

## KEY BENEFITS

### Optimized for Desktop Virtualization

Increases virtualization ROI without compromising security

### Immediate Protection

Breaks the infection chain by blocking access to malicious files and websites

### Reduced Business Risks

Prevents infection, identity theft, data loss, network downtime, lost productivity, and compliance violations

### Lower IT Costs

Reduces IT management workload through File Reputation, Windows integrations

### Extensible Architecture

Allows plug-ins that add new security capabilities, removing the need to redeploy a full solution

OfficeScan™ 10.5 offers the right solution for your medium to large enterprise. With a flexible architecture that's built for the future, OfficeScan lets you customize your own solution with Plug-Ins for virtual patching, mobile device security, and protection for Macintosh computers. New virtualization-aware features preserve performance by serializing updates and scan operations on virtual desktops. Innovative file and web reputation technologies further accelerate protection by automatically feeding threat information back into the Smart Protection Network. Impact on web performance is minimized by synchronizing with a local server that offloads a client's request to the public cloud.

### BEST FOR WINDOWS 7

Flexible deployment options for Windows 7 let you choose the most efficient and safe way evolve your environment in your own timeframe.

- Compatible with Windows 7 32-bit and 64-bit for optimized performance
- Integrates seamlessly with your Microsoft® infrastructure and provides safe migration to Windows 7
- Streamlines administration by leveraging Windows Action Center

MINIMUM SYSTEM REQUIREMENTS
<b>OfficeScan Server</b>
<ul style="list-style-type: none"> <li>• Microsoft® Windows® Server 2008 R2, 2008, 2003 R2, 2003; Microsoft Windows Storage Server 2008, 2003 R2</li> <li>• 2GHz Intel™ Core™ Duo processor or equivalent; 1GB RAM; 1GB disk space</li> </ul>
<b>Web-based Management Console</b>
<ul style="list-style-type: none"> <li>• 300MHz Intel™ Pentium™ processor or equivalent; 128MB RAM; 30MB disk space</li> </ul>
<b>Virtualization Support</b>
<ul style="list-style-type: none"> <li>• Microsoft Virtual Server 2005 R2 with SP1; Microsoft Windows Server 2008 R2, 2008 with Hyper-V</li> <li>• VMware™ vSphere 4; VMware ESXi Server 4.0; VMware Server 2.0; VMware Workstation and Workstation ACE Edition 7.0</li> </ul>
CLIENT PROTECTION
<b>Windows® Server 2008 (Including R2)</b>
<ul style="list-style-type: none"> <li>• 1GHz Intel™ Pentium™ processor or equivalent for 32 bit; 1GB RAM; 350MB disk space</li> </ul>
<b>Windows® Server 2003 (Including R2)</b>
<ul style="list-style-type: none"> <li>• 300 MHz Intel™ Pentium™ processor or equivalent; 256MB RAM; 350MB disk space</li> </ul>
<b>Windows® 7</b>
<ul style="list-style-type: none"> <li>• 1GHz Intel™ Pentium™ processor or equivalent; 1GB RAM; 350MB disk space</li> </ul>
<b>Windows® Vista®</b>
<ul style="list-style-type: none"> <li>• 800MHz Intel™ Pentium™ processor or equivalent; 1GB RAM; 350MB disk space</li> </ul>
<b>Windows® XP</b>
<ul style="list-style-type: none"> <li>• 300MHz Intel™ Pentium™ processor or equivalent; 256MB RAM; 350MB disk space</li> </ul>
<b>Windows® Embedded POSReady 2009</b>
<ul style="list-style-type: none"> <li>• 300MHz Intel™ Pentium™ processor or equivalent; 256 MB RAM; 350MB disk space</li> </ul>
<b>Windows® Embedded Enterprise (Windows 7, Vista, and XP Editions)</b>
<ul style="list-style-type: none"> <li>• 300MHz Intel™ Pentium™ processor or equivalent; 256MB RAM; 350MB disk space</li> </ul>
<b>Virtualization Support</b>
<ul style="list-style-type: none"> <li>• Microsoft Virtual Server 2005 R2 with SP1</li> <li>• VMware™ vSphere 4; VMware ESXi Server 4; VMware Server 2.0; VMware Workstation and Workstation ACE Edition 7; VMware View 4</li> <li>• Citrix XenApp Server 5; Citrix XenDesktop 4; Citrix Receiver 1.2</li> </ul>

### OFFICESCAN PLUG-INS

To ensure future-proof security, OfficeScan customizes easily with a plug-in architecture that adds current and future protection technology when and where you need it without having to redeploy the entire solution. Current plug-ins include:

- **Intrusion Defense Firewall:** Delivers virtual patching and proactive HIPS to provide in-depth protection and support for compliance
- **Mobile Security:** Safeguards data and applications with centrally managed security for smartphones and PDAs, no matter where they go
- **Security for Mac:** Protects Apple Macintosh clients on your network from accessing malicious sites and distribute malware—even if harmless to MacOs

### COMPLEMENTARY PRODUCTS AND SERVICES

- InterScan™ Messaging Security Solutions
- InterScan™ Web Security Solutions
- Trend Micro™ Premium Support Services



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