

# ▶ KASPERSKY SECURITY FOR VIRTUALIZATION

Superior, flexible and efficient protection for virtual server and desktop environments

## HIGHLIGHTS

### OUTSTANDING PROTECTION

- Supports VMware, Microsoft Hyper-V and Citrix Xen platforms.
- Award-winning technology protects virtual machines (VMs) against the most complex malware.
- Integration with the cloud-based Kaspersky Security Network (KSN) proactively defends against emerging global threats.
- Advanced anti-malware, including Automatic Exploit Prevention, provides powerful multi-layered security.
- Application controls (incorporating dynamic whitelisting) plus web and device controls allow the administrator to enforce policies, keeping users safe and productive.
- A powerful combination of network attack blocker, firewall, Host-based Intrusion Prevention (HIPS) and anti-phishing technologies protect VMs from network threats.
- Agentless VMs and all non-persistent VMs instantly and automatically protected by a Security Virtual Appliance (SVA) which is continuously updated.\*

### BETTER PERFORMANCE

- Innovative design ensures a light resource footprint, optimising consolidation ratios for maximum density.
- Shared cache technology eliminates duplication of scanning effort.
- Anti-virus update and scanning 'storms' as well as 'instant-on' gaps are eliminated.

### GREATER EFFICIENCY

- Fast, straightforward deployment, with no reboot or maintenance mode required.
- A single console allows physical, mobile and virtual endpoints to be managed together.
- Simplified administration and deployment delivers greater efficiency and less opportunity for configuration error.
- Flexible licensing — choose from licensing based on number of machines (desktops or servers) or resources (number of cores).

\*Persistent VMs featuring a light agent are protected as soon as the light agent has been installed.

# **KASPERSKY SECURITY FOR VIRTUALIZATION IS A FLEXIBLE SOLUTION WHICH DELIVERS BOTH PROTECTION AND PERFORMANCE FOR YOUR ENVIRONMENT.**

## **KEY PRODUCT FEATURES**

- Centralized management via Kaspersky Security Center
- Centralized VM protection via a single SVA
- Advanced anti-malware
- Host-based Intrusion Prevention (HIPS) and firewall
- Endpoint controls for applications, web access and peripherals
- Cloud-assisted security via Kaspersky Security Network
- Network attack blocker
- Anti-phishing
- Anti-virus for IM, mail and Internet traffic
- No additional installation or reboots for new VMs\*

## **SECURITY VIRTUAL APPLIANCE (SVA)**

Kaspersky Lab provides two compelling solutions in this space, both of which rely on a Security Virtual Appliance.

Kaspersky Lab's Security Virtual Appliance (SVA) centrally scans all VMs in the host environment. This architecture provides efficient VM protection without sacrificing endpoint resources, resulting in greater consolidation ratios. AV scanning and update storms are eliminated, together with 'instant-on' gaps.

Kaspersky Security for Virtualization supports VMware, Microsoft Hyper-V and Citrix Xen platforms and their core technologies.

## **FLEXIBLE LICENSING**

Depending on your needs, Kaspersky Security for Virtualization is available in the following license options:

- Machine-based licensing:
  - Per desktop
  - Per server
- Resource-based licensing:
  - Per core

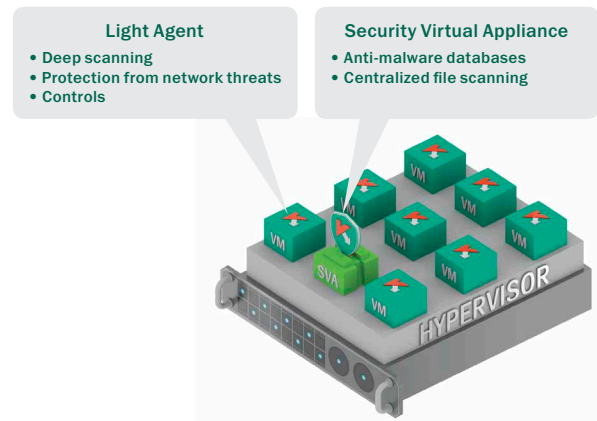
## **MULTIPLE PLATFORMS: SINGLE COST**

A single license of Kaspersky Security for Virtualization includes support for virtual environments based on Citrix, Microsoft and VMware.

\* For non-persistent VMs, instant protection is available after including the light agent into the VM's image. For persistent VMs, the administrator must deploy the light agent manually during installation.

## LIGHT AGENT FOR ADVANCED PROTECTION

Kaspersky Security for Virtualization includes a powerful but lightweight agent which is deployed on each virtual machine. This allows for the activation of advanced endpoint security features. These include vulnerability monitoring, application, device and web controls, antivirus protection for instant messaging, mail and web, plus advanced heuristics. The result is powerful, multi-layered security combined with efficient performance.

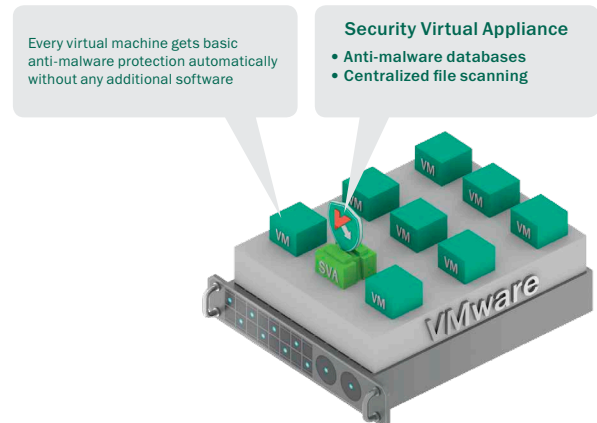


**Kaspersky Security for Virtualization**  
Light agent configuration




## AGENTLESS CONFIGURATION — VMWARE ENVIRONMENTS

Tight integration levels with VMware technologies mean that Kaspersky Security for Virtualization can also be very easily deployed and managed on this platform in an agentless security configuration. All security activity is concentrated in the Security Virtual Appliance, interfacing with vShield for instant automatic virtual machine protection and with vCloud for network protection.

Advanced security features such as file quarantine, HIPS, vulnerability scanning and endpoint controls are not available in this configuration.



**Kaspersky Security for Virtualization**  
Agentless configuration

 <b>Traditional Agent-Based</b>	 <b>Agentless Security</b>	 <b>Light Agent Security</b>
<ul style="list-style-type: none"> <li>• Works on any hypervisor</li> <li>• Where VM density is not critical</li> <li>• Windows, Linux or Mac guest VMs</li> </ul>	<ul style="list-style-type: none"> <li>• VMware only</li> <li>• Allows high VM density</li> <li>• Windows guest VMs only</li> <li>• Minimal IT resources for installation and management</li> <li>• Typical installation would be server virtualization with controlled internet connectivity (no browsing)</li> </ul>	<ul style="list-style-type: none"> <li>• VMware, Citrix or Hyper-V</li> <li>• Allows high VM density</li> <li>• Windows guest VMs</li> <li>• Advanced security and policy enforcement</li> <li>• Typical usage would be VDI and servers with critical roles</li> </ul>

## SUPPORTED PLATFORMS:

- Microsoft Hyper-V Server 2008 R2 / 2012
- Citrix XenServer 6.0.2 / 6.1
- VMware ESXi 4.1, 5.0, 5.1 and 5.5

## GUEST OPERATING SYSTEMS SUPPORTED:

Deployment Method	Light Agent			Agentless
	Windows Server 2008 R2 Hyper-V and Windows Server 2012 Hyper-V	XenServer 6.0.2 and 6.1	VMware ESXi 5.1 and 5.5	VMware ESXi 4.1, ESXi 5.0 or ESXi 5.1
Windows XP Professional SP3 (32-bit)	Yes	Yes	No	Yes
Windows XP Professional SP2 (64-bit)	Yes	No	No	No
Windows 7 Professional / Enterprise / Ultimate SP1 or higher (32 / 64-bit)	Yes	Yes	Yes	Yes
Windows 8 Pro / Enterprise (32 / 64-bit)	Yes	Yes	Yes	No
Windows Vista Business / Enterprise / Ultimate SP2 (32-bit)	Yes	No	No	Yes
Windows Server 2008 R2 Standard / Enterprise SP1 (64-bit)	Yes	Yes	Yes	Yes
Windows Server 2008 Standard / Enterprise SP2 (32 / 64-bit)	Yes	Yes	Yes	Yes
Windows Server 2003 R2 Standard / Enterprise SP2 (32 / 64-bit)	Yes	No	Yes	Yes
Windows Server 2003 Standard SP2 (32 / 64-bit)	Yes	Yes	No	Yes
Windows Server 2012 (64-bit)	Yes	Yes	Yes	No
Windows Small Business Server 2008 Standard (64-bit)	Yes	No	No	No
Windows Small Business Server 2011 Essentials / Standard (64-bit)	Yes	No	No	No

For more information about Kaspersky Security for Virtualization, contact your local Kaspersky partner or visit [www.kaspersky.com](http://www.kaspersky.com)