



## Virtual Desktop Licensing Guide

A virtual desktop is a computer operating system that does not run directly on the hardware from which the end user accesses it. The Sophos products that can be deployed to protect the end user will depend on the virtual desktop approach.

There are two main types of virtual desktop;

1. **Virtual Desktop Infrastructure (VDI)** allows organizations to run full desktop operating systems that are dedicated to each User, on virtual machines (VMs). For virtual desktops in a VDI environment, either the **Sophos Endpoint Protection** agent or the Sophos for Virtual Environments ultra-thin agent can be deployed, depending on the features and protections required.
2. **Remote Desktop Services (RDS)**, also known as Terminal Services, allows multiple Users to share a single Windows Server operating system instance. For RDS, **Sophos Server Protection** is deployed on the Windows server, protecting end users accessing the Windows Server instance.

Licensing requirements will depend on the customer's scenario and the Sophos product under consideration.

	Sophos Central	Sophos Enterprise Console
<b>Virtual Desktop Infrastructure (VDI)</b> Each User has dedicated virtualized Windows desktop OS	<b>Central Endpoint Protection</b> [CEP] per User Alternative deployment: <b>Sophos for Virtual Environments</b> Central Endpoint [CEP] license, per User	<b>Sophos Endpoint Protection</b> [EPS or EPA] per User Alternative deployment: <b>Sophos for Virtual Environments</b> Sophos VDI [VDI] license, per User
<b>Remote Desktop Services (RDS)</b> Multiple users access a single shared Windows Server OS	<b>Central Server Protection</b> [SVRC or SVRCIXA] per Server	<b>Sophos Server Protection</b> [SVRWLV or SAVSVR] per Server

## Sophos for Virtual Environments (SVE) deployment for VDI

An alternative deployment option to the Sophos Endpoint Protection agent, Sophos for Virtual Environments (SVE) enables the offboarding of malware scanning to a centralized Sophos Security VM, to reduce the potential performance impact on virtual desktops running on VMware ESXi and Hyper-V.

*Note: Virtual desktops protected by Sophos for Virtual Environments are not included within the scope of user-based licenses; a separate license is required for each virtual desktop protected. A license is not required for the centralized Sophos Security VM.*

### Licensing examples for VDI

The Sophos license required for each virtual desktop depends on the choice of Sophos management platform, as the following examples show:

VDI example scenario	Management Platform	Licenses Required
100 virtual desktops protected by Sophos for Virtual Environments	Sophos Central	100 'Central Endpoint Protection' (CEP) licenses <i>Note: Each desktop Virtual Machine protected by Sophos for Virtual Environments requires a license, even if the same User has an existing Endpoint license for another device.</i>
	Sophos Enterprise Console	100 'Sophos VDI' (VDI) licenses <i>Note: Each desktop Virtual Machine protected by Sophos for Virtual Environments requires a license, even if the same User has an existing Endpoint license for another device</i>
100 users with virtual desktops protected by Sophos for Virtual Environments <b>and</b> 100 additional users with physical desktop machines protected by the full Sophos Endpoint Protection agent	Sophos Central	200 'Central Endpoint Protection' (CEP) licenses
	Sophos Enterprise Console	100 Endpoint Protection (EPS or EPA) licenses for the physical desktops <b>Plus</b> 100 'Sophos VDI' (VDI) licenses for the virtual desktops protected by Sophos for Virtual Environments
100 users who all have both physical desktop machines protected by full Sophos Endpoint Protection agents, and also virtual desktops protected by Sophos for Virtual Environments	Sophos Central	200 'Central Endpoint Protection' (CEP) licenses
	Sophos Enterprise Console	100 Endpoint Protection (EPS or EPA) licenses for the physical desktops <b>Plus</b> 100 'Sophos VDI' (VDI) licenses for the virtual desktops protected by Sophos for Virtual Environments
20 virtual desktops <b>and</b> 5 virtual servers, all protected by Sophos for Virtual Environments	Sophos Central	20 'Central Endpoint Protection' (CEP) licenses for the virtual desktops <b>Plus</b> 5 'Central Server Protection' (SVRC or SVRCIXA) licenses for the virtual servers
	Sophos Enterprise Console	20 'Sophos VDI' (VDI) licenses for the virtual desktops <b>Plus</b> 5 'Server Protection for Virtualization, Windows and Linux' (SVRWLV) licenses for the virtual servers

### Remote Desktop Services (RDS) Licensing

Licensing requirements will depend on the customer's scenario and the Sophos product under consideration, however remote desktop user sessions are included in all Sophos Server Protection licenses licensed for the shared Windows Server operating system.

### Licensing examples for RDS

RDS example scenarios	Management Platform	Licenses Required
200 virtual desktops use Remote Desktop Services (RDS) on 2 Windows Servers	Sophos Central	2 'Central Server Protection' (SVRC or SVRCIXA) licenses for the Windows servers
	Sophos Enterprise Console	2 'Server Protection' (SVRWLV or SAVSVR) licenses for the Windows servers

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