

Sophos Anti-Virus

Quick Start Guide



Windows 95/98

S|O|P|H|O|S

Introducing Sophos Anti-Virus

Sophos Anti-Virus detects all viruses known to Sophos and carries out automatic disinfection, providing complete protection for individual PCs and entire networks.

This guide shows you how to install and use it on Windows 95/98 workstations.*

How the software works

Sophos Anti-Virus includes two components:

- **SWEEP** provides immediate and scheduled scanning of all files and documents.
- **InterCheck** checks each item as you try to access it, and grants access only if it is virus-free.



InterCheck splits on-access scanning into two processes. First, it identifies items that have not yet been scanned; then it passes these items to an installation of SWEEP for scanning. Therefore items are virus checked only once, minimising overhead.

Sophos Anti-Virus on a network

If using Sophos Anti-Virus on a network, you can:

- Automatically update workstations.
- Set up central reporting of virus incidents.
- Notify selected users of virus incidents.

* See the main user manual for full product details.

Installing Sophos Anti-Virus

Before you install Sophos Anti-Virus, you should uninstall any other anti-virus program.

There are two ways in which you can install Sophos Anti-Virus:

On a single Windows 95/98 workstation.

To do this, perform the installation from the Sophos Anti-Virus CD onto the workstation.

See the '[Installation on a single PC](#)' section below.

On multiple Windows 95/98 workstations connected to a network.

To do this, place the installation files on a file server. From here, you can install Sophos Anti-Virus onto networked workstations automatically.

See the '[Installation on a network](#)' section below.

What you will need for installation

For installation, you will need:

- Windows 95 or Windows 98 workstation(s).
- At least 8 Mb of RAM.
- At least 4 Mb of free hard disk space.
- The current Sophos Anti-Virus CD.

You can find all the latest documentation, including this guide, on the Sophos Anti-Virus CD.

Installation on a single PC

If your PC doesn't auto-start CDs, run `D:\LaunchCD` where `D:` is your CD drive.

To install Sophos Anti-Virus on a single PC, start Windows 95/98 and insert the Sophos Anti-Virus CD into the disk drive. The CD will auto-start.

At the **Sophos Anti-Virus** screen, choose **Quick installation**.

At the **Installation Type** screen, select:

- **Local installation.**
- **InterCheck for Windows 95/98** to install InterCheck for on-access scanning.
- **InterCheck Monitor** to enable this monitor.

At the **Folder Selection** screen:

- Leave **Sophos Anti-Virus source folder** unchanged.
- Specify a **Sophos Anti-Virus destination folder** in which to make the installation, or accept the default.

At the last screen, select **Run SWEEP**. Now see '[Starting SWEEP](#)'.

Installation on a network

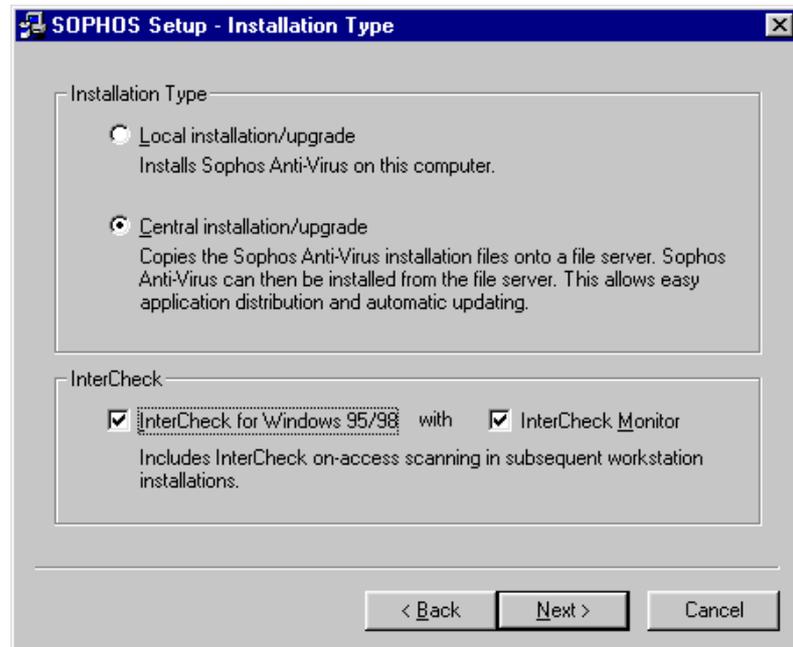
 If your PC doesn't auto-start CDs, run D:\LaunchCD where D: is the CD drive.

To install Sophos Anti-Virus on a network, insert the Sophos Anti-Virus CD into a Windows 95/98 or Windows NT machine with access to the file server. The CD will auto-start.

If you are using a **Windows 95/98 PC**, choose **Quick Installation**.

If you are using a **Windows NT machine**, choose **Explore CD**. Then open the Win32\I386\Win95 folder and double-click on Setup.

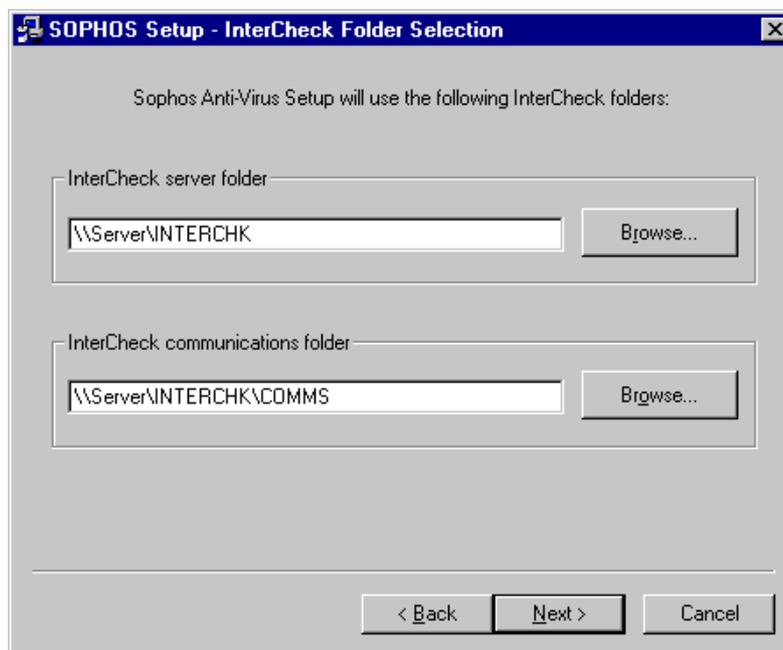
 **InterCheck for Windows 95/98** provides local on-access scanning, so that workstations which are not always connected to the network will be protected at all times.



At the **Installation Type** screen, select:

- **Central installation** to place the installation files on the file server.
- **InterCheck for Windows 95/98** to enable InterCheck (for on-access scanning) to be installed on the workstations.
- **InterCheck Monitor** to enable the InterCheck monitor to be run on workstations.

Installation on a network (continued)



 An InterCheck Server is an installation of SWEEP, usually on a file server, that can provide centralised on-access virus checking for workstations, or, as in this case, simply centralised reporting and logging.

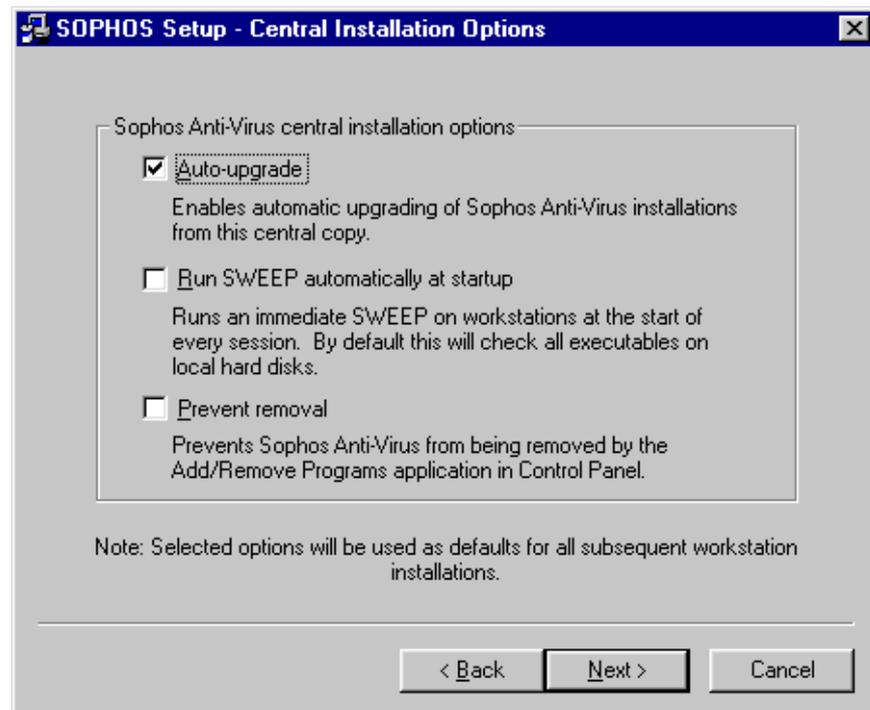
At the **InterCheck Folder Selection** screen, specify:

- An **InterCheck Server folder**, which is the folder where the InterCheck configuration file is placed. If you have an **InterCheck Server** on your network, the configuration file should be in the same folder.
- An **InterCheck communications folder**, which is used by an InterCheck Server for communicating with InterCheck installations on workstations. If you do not have an InterCheck Server, leave this blank, click Next, ignore the warning message, and click Next again.

At the **Folder Selection** screen:

- Leave **Sophos Anti-Virus source folder** unchanged.
- Specify a **Sophos Anti-Virus destination folder** in which to make the installation, or accept the default.

Installation on a network (continued)



At the **Central Installation Options** screen, select:

- **Auto-upgrade** for workstations to be updated automatically when you update centrally.
- **Prevent removal** to prevent users from removing Sophos Anti-Virus via the Control Panel.

At the **Auto-upgrade mode** screen:

- Choose **Interactive** or **Non-Interactive** updating. With non-interactive updating, users cannot reconfigure Sophos Anti-Virus.
- If updating is non-interactive, you can choose **Allow users to postpone an upgrade**.

 **Allowing users to postpone upgrading may be useful for those on remote dial-up modems.**

Now you are ready to install Sophos Anti-Virus on the workstations.

Installation on a network (continued)

You can install Sophos Anti-Virus on networked Windows 95/98 workstations automatically via a login script.

Automatic installation on workstations

Locate the workstation's login script and add the following:

for a Windows NT server

```
\\Server\INTERCHK\W95inst\Setup -INL -A
```

for a NetWare server

```
#VOL:\SWEEP\W95inst\Setup -INL -A
```

where *Server* is the name of the file server and *INTERCHK* the share containing the central installation files (under Windows NT), or *VOL:* is the server volume and *SWEEP* the name of the central installation directory (under NetWare).

When users next log on to the server, Sophos Anti-Virus will be installed in a folder called Sophos SWEEP within the Program Files folder.

Manual installation on workstations

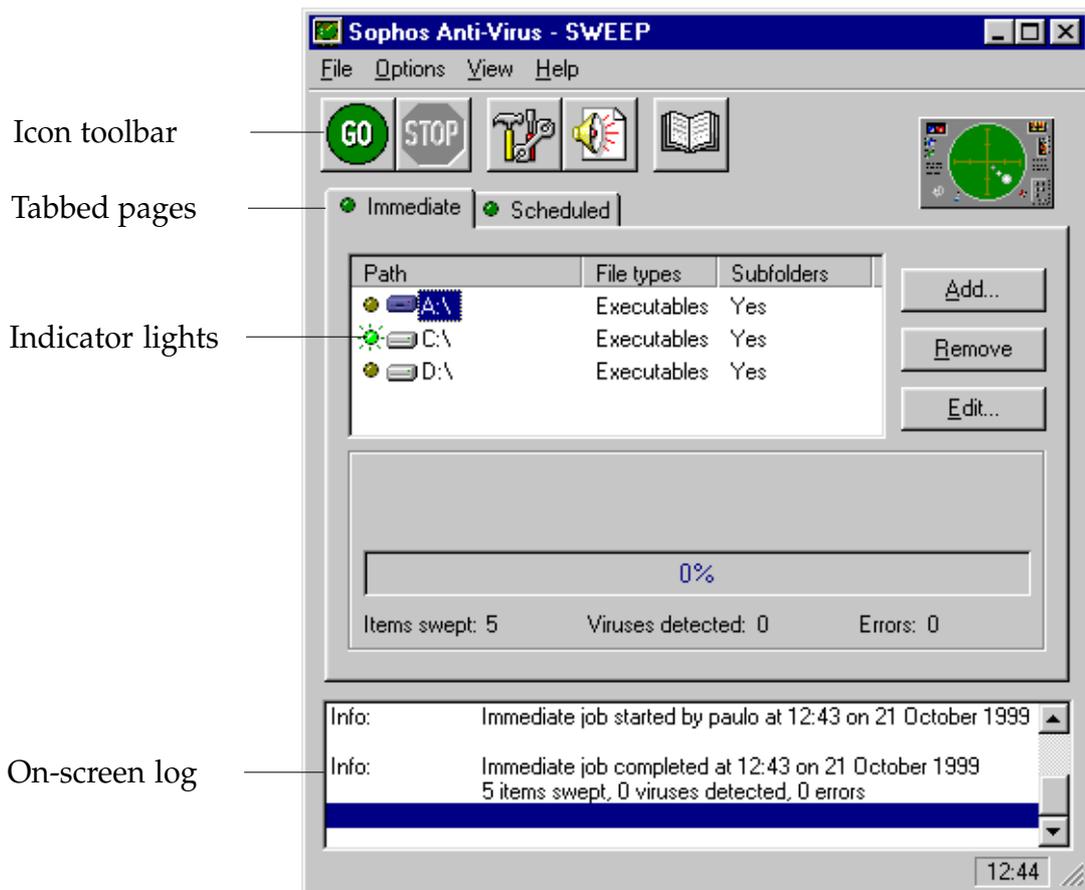
If for any reason you can not use automatic installation, install Sophos Anti-Virus on the workstations manually.

At each workstation, run Setup from the folder on the network where you placed the installation files.

At the **Folder Selection** screen, specify the folder on the workstation where Sophos Anti-Virus will be installed, or accept the default.

Starting SWEEP

To start SWEEP: at the taskbar, select **Start | Programs | Sophos Anti-Virus | Sophos Anti-Virus SWEEP**.



Icon toolbar



Starts scanning. The STOP icon ends scanning.



Lets you configure the immediate or scheduled scanning job.



Lets you set up and configure virus alerts, e.g. notification by email.



Displays the virus library.

Tabbed pages

There are two tabbed pages at which you can specify different scanning functions. A light on the left of each tab is illuminated when that form of scan is being run.

Immediate Lets you scan disks and files on demand.

Scheduled Lets you specify disks and files to be scanned at set times.

Indicator lights

When lit, these indicate that the item is selected. To select or deselect the item, click on its indicator light.

On-screen log

The on-screen log holds details of operations carried out by SWEEP, viruses detected, action taken and errors. It appears once a job is run.

 Double-click on a virus name to display details of the virus and how to recover from it.

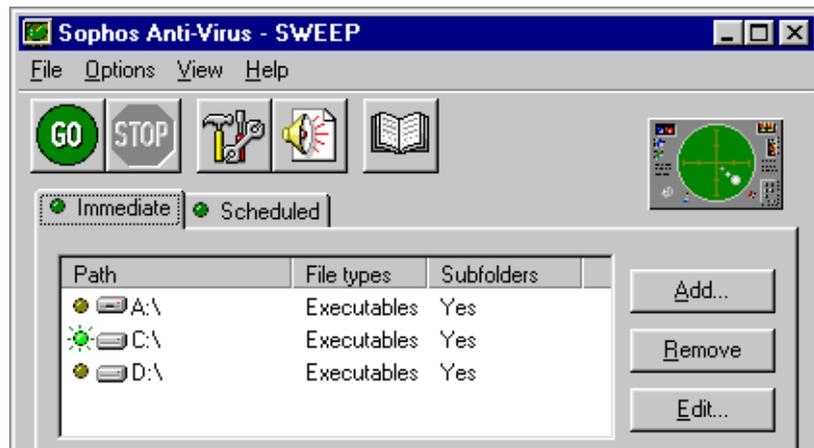


Drag the lower edge of the screen to expand the log, and use the scroll bars to view the complete log.

On-demand scanning

To carry out scanning on demand, i.e. now:

Ensure that the **Immediate** tabbed page is displayed.



You can scan an individual item in the Path list by double-clicking on its icon.

To select the drives that you want to virus check, illuminate their indicator lights.

Click on the **GO** icon in the icon toolbar.



Scanning begins.

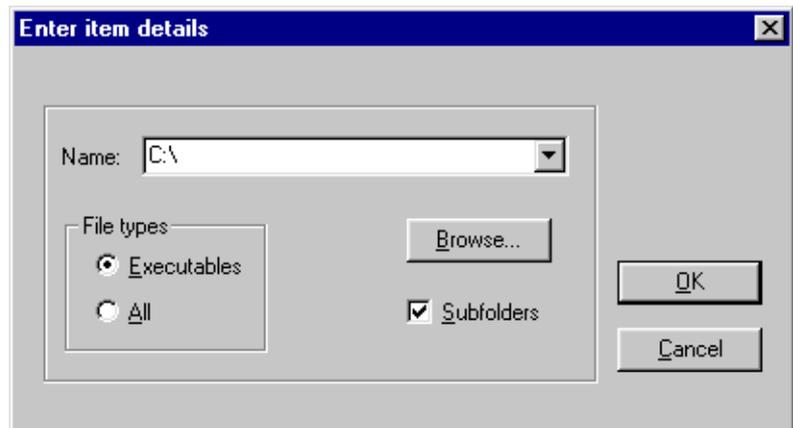
You can stop scanning at any time by clicking on the **STOP** icon.

To add new items for on-demand scanning

To add a new drive, folder or file to the **Path** list, click on **Add** on the main screen.

In **Enter item details**, you can specify:

 To see which files are defined as Executables, select **Options | Executables** on the menu bar.



- | | |
|-------------------|---|
| Name | Specify an item or use the drop-down menu to select Local hard drives . Browse shows available items. |
| File types | Choose executables only or all files. |
| Subfolders | Choose whether to include subfolders in the scan. |

To change items for on-demand scanning

You can change the way an item in the **Path** list is scanned.

Click on the item to highlight it. Then click on **Edit** and amend the details in the **Enter item details** dialog (see above).

To remove items for on-demand scanning

Click on the item in the **Path** list to highlight it.

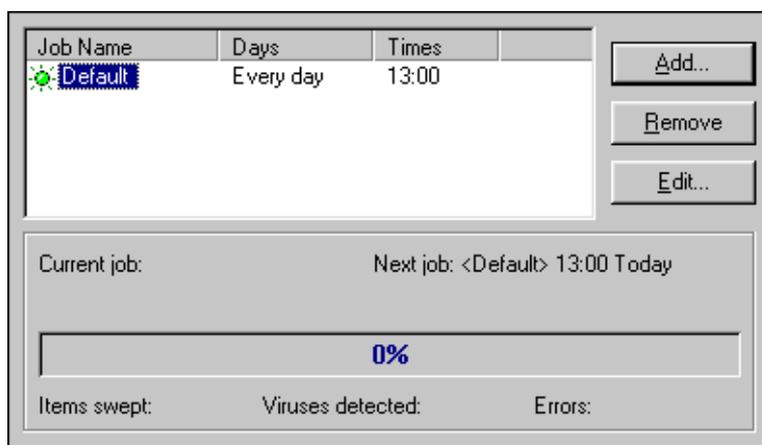
Click on **Remove**.

Scheduled scanning

By default, SWEEP scans your PC at 13:00 every day.

To change this, or to add further scheduled sweeps, use the **Scheduled** tabbed page on the main screen.

Setting up a scheduled job



You can set up more than one scan per day as part of a single scheduled 'job'.

To add a scheduled job, click the **Add** button and enter a job name when SWEEP prompts you.

The **Scheduled Job Configuration** pages appear.

Specify the files to be scanned at the **File list** page and the scanning time(s) at the **Time** page.

Changing a scheduled job

To edit a scheduled job, highlight the job in the list on the **Scheduled** tabbed page, click on **Edit** and use the configuration pages to specify time, files scanned etc.

Removing a scheduled job

To remove a scheduled job, highlight the job in the list and click on **Remove**.

On-access scanning



On-access scanning is automatic. It is provided by InterCheck and is enabled during installation.

InterCheck becomes active when the workstation is started. To check that it is active, and for details of activity, look at the InterCheck monitor.*

Using the InterCheck monitor



When the workstation is started up, the InterCheck monitor appears at the bottom of the screen. To see this in future, click on the  (lightning icon) at the bottom right of the screen. The monitor shows, for the workstation's current session:

- The total number of items filtered (i.e. checked against InterCheck's list of authorised files).
- The last item filtered.
- Whether or not InterCheck is active.

On-access scanning on a network

This Quick Start Guide assumes that you use a local installation of InterCheck for Windows 95/98, which scans unknown items on the workstation itself.

Alternatively, you can arrange to place an InterCheck Server on the file server to provide server based on-access scanning for Windows 95/98 workstations.

For details, see the user manual for the version of Sophos Anti-Virus used on your file server.

* Note that you can choose an earlier version of InterCheck that does not offer the same range of functions.

What happens if a virus is found?

If SWEEP finds a virus, a message like this appears:



If a background scheduled scan finds a virus, a similar screen appears.



In addition, a warning appears in the on-screen log. To find out how to deal with a virus, double-click on the virus name in this log.

If InterCheck finds a virus, access to the infected item is denied and a warning is displayed.

Sophos Anti-Virus can deal with many viruses automatically. See '[Automatic disinfection](#)' below.

Notifying other users

On a network, you can configure SWEEP to notify users if any virus is detected.



This is the alerts icon.

On the **Immediate** or **Scheduled** page, click on the alerts icon. You will then see a set of pages at which you can set up desktop alerts or alerts via MAPI or SMTP mail.

Automatic disinfection

Sophos Anti-Virus can deal with many viruses automatically.

You can specify different anti-virus measures, depending on whether viruses are found during immediate or scheduled scanning.



This is the configuration icon.

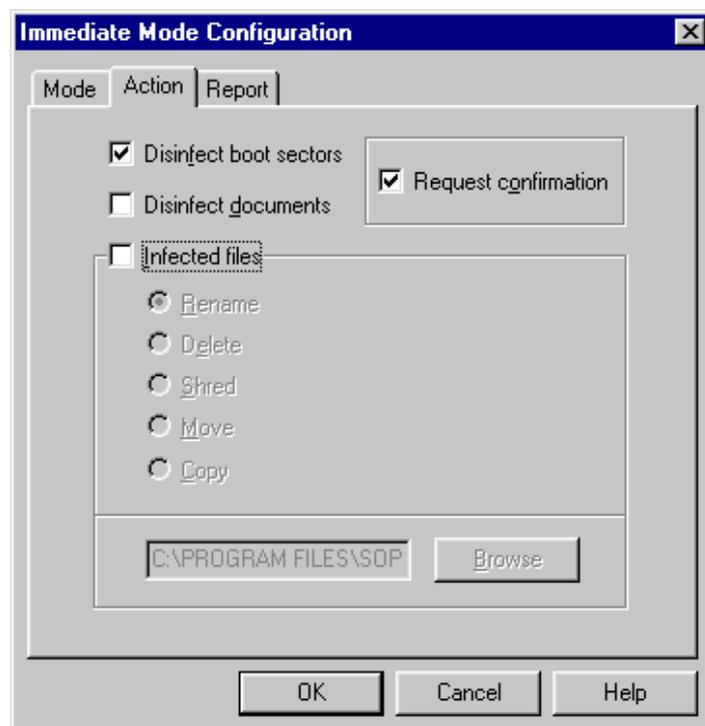
At the main screen, with the **Immediate** tabbed page active, or with the **Scheduled** tabbed page active and the required job name selected, click on the configuration icon.

At the **Action** tabbed page, you can specify:

- Disinfection of boot sector viruses.
- Disinfection of macro viruses.
- Removal of program files by various means.



Infected program files should be replaced and not disinfected, since disinfection cannot guarantee that the 'cleaned' files are exactly the same as the originals.



Additional information

Workstations supported by Sophos Anti-Virus

Sophos Anti-Virus can protect the following workstations:

- Windows NT (Intel and Alpha AXP)
- Windows 95
- Windows 98
- Windows 3.x
- Windows for Workgroups
- Macintosh
- DOS

In a networked environment, InterCheck can provide centrally controlled on-access scanning for workstations. This is available for the server platforms listed below.

Servers supported by Sophos Anti-Virus

- Windows NT (Intel and Alpha AXP)
- Novell NetWare and IntranetWare
- Unix
- DOS/Windows 3.x
- OpenVMS (VAX and Alpha AXP)
- OS/2
- Banyan VINES

The DOS/Windows 3.x version can also be used to support servers for which there is no native version of Sophos Anti-Virus.

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