Sophos Anti-Virus

Quick Start Guide

Windows 95

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 systems:

- **SWEEP** provides immediate and scheduled scanning of all disks, files and documents, and

- **InterCheck** checks each item as you try to access it, and grants access only if it is virus-free.

InterCheck splits the task of on-access scanning between an **InterCheck client**, which identifies items that have not yet been scanned, and an **InterCheck server** (using SWEEP), which scans them. Therefore items are scanned 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.

* See the main *Sophos Anti-Virus for Windows 95* user manual for full product details.

Set up **server based on-access scanning for workstations**, to minimise workstation overhead; or, if you prefer, base the scanning on the workstations, which is quicker and saves network resources.

Installing Sophos Anti-Virus

You can install Sophos Anti-Virus:

On a single Windows 95/98 workstation.

To do this, you 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, you 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:

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

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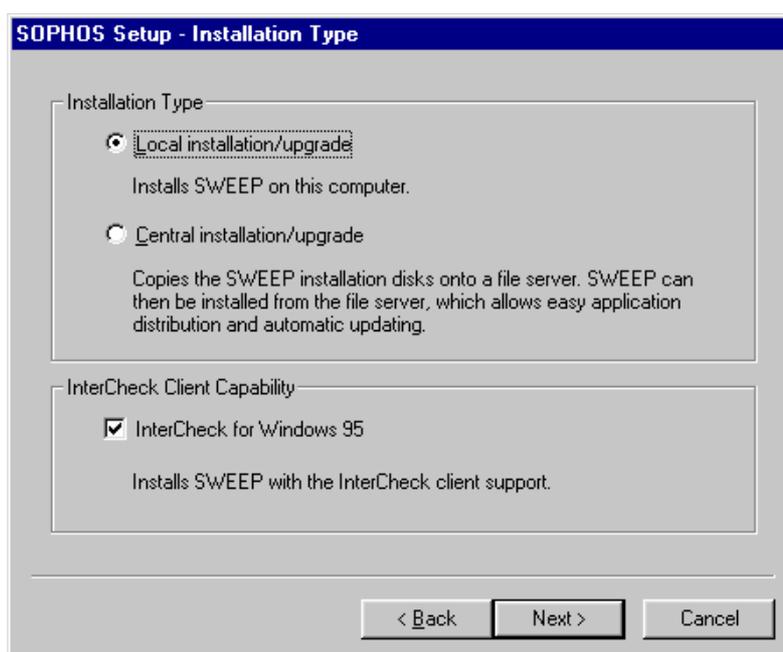- At least 4 Mb of free hard disk space.
- The current Sophos Anti-Virus CD.

Installation on a single PC

If you want 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** to install SWEEP for on-demand and scheduled scanning.

- **InterCheck for Windows 95** to install InterCheck for on-access scanning.

At the **Folder Selection** screen:

- Leave the **SWEEP source folder** unchanged.

- Choose a **SWEEP destination folder** in which to install Sophos Anti-Virus, or accept the default.

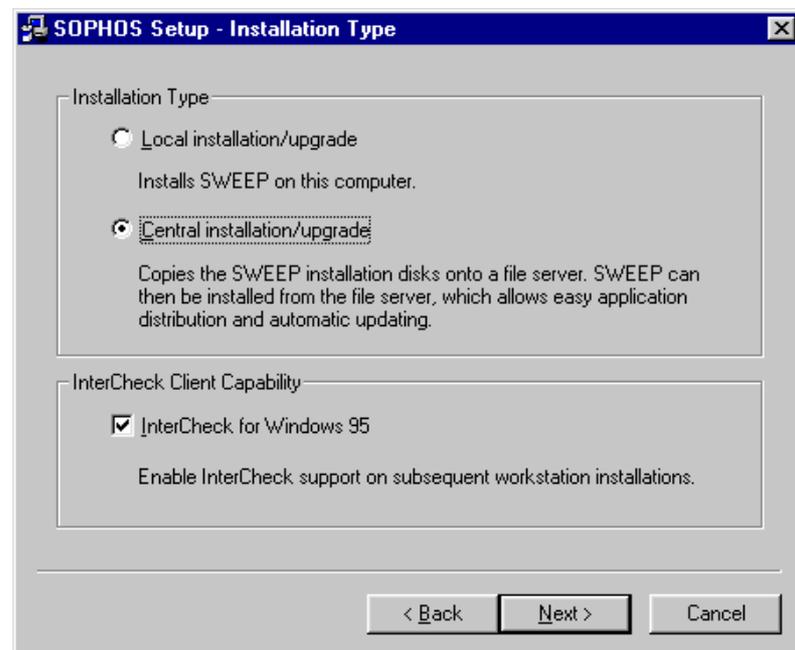At the last screen select **Run SWEEP**. Now see page 8.

Installation on a network

If you want to install Sophos Anti-Virus on a network, insert the Sophos Anti-Virus CD into the disk drive of a Windows 95 or Windows NT PC with access to the file server. The CD will auto-start.

At the **Sophos Anti-Virus** screen, choose **Explore CD**.
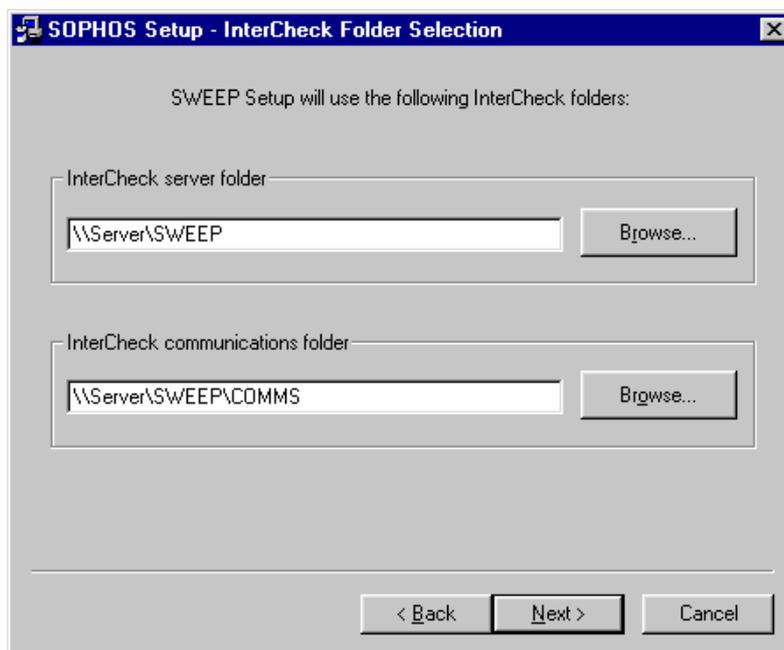
Open the **Win95** folder and double-click on Setup.

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

- **Central installation** to place the installation files on the file server.

- **InterCheck for Windows 95** to enable the stand-alone InterCheck client (for on-access scanning) to be installed on the workstations.
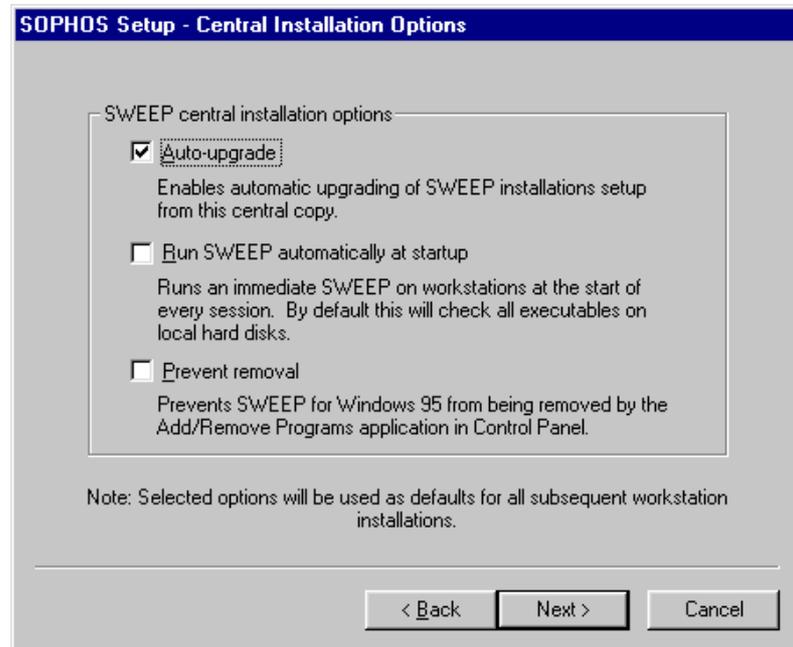
Installation on a network (continued)

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 clients on workstations. If you do not have an InterCheck server, leave this blank.

At the **Folder Selection** screen:

- Leave the **SWEEP source folder** unchanged.

- Choose a **SWEEP destination folder** in which to place the installation files, or accept the default.

💡 **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.**

Installation on a network (continued)

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

- **Auto-upgrade** for workstations to be upgraded automatically when you upgrade 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.**

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

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

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

for a Windows NT server, enter

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

for a NetWare server, enter

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

where

`Server` is the name of the file server (Win NT)

`VOL:` is the volume on the file server (NetWare)

`SWEEP` is the name of the directory in which you placed the installation files earlier.

This will install Sophos Anti-Virus 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. Then make selections at the **Installation Type** and **Folder Selection** setup screens, as described in the 'Installation on a single PC' section above.

SWEEP overview

To start SWEEP, at the taskbar, select **Start | Programs | Sophos SWEEP | SWEEP for Windows 95**.

The SWEEP screen appears. Here is a quick guide.

Icon toolbar

Tabbed pages

Indicator lights

On-screen log
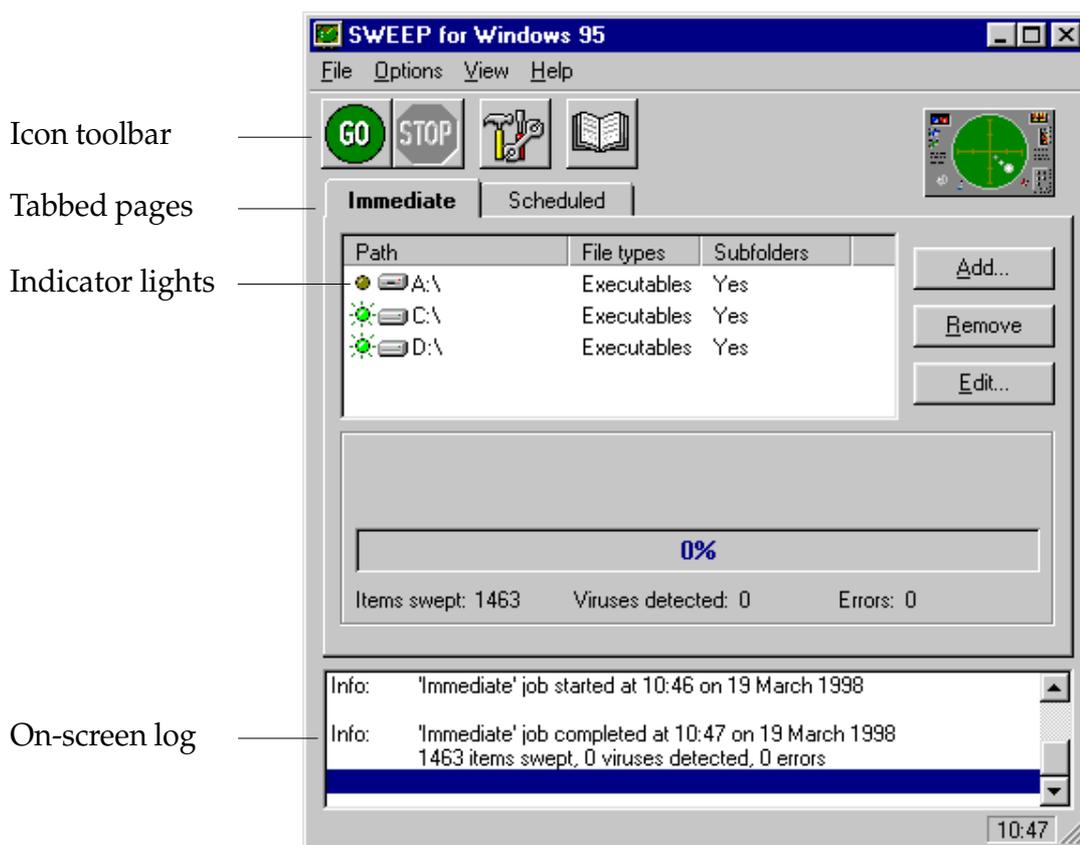
Icon toolbar

Starts an immediate scan for viruses on all selected paths, drives and files.

Stops the current scan.

Lets you configure the selected page or scheduled job.

Displays the virus library.

Tabbed pages

There are two tabbed pages at which you can specify different scanning functions.

Immediate Lets you scan disks and files on demand.

Scheduled Lets you specify disks to be scanned at set times.
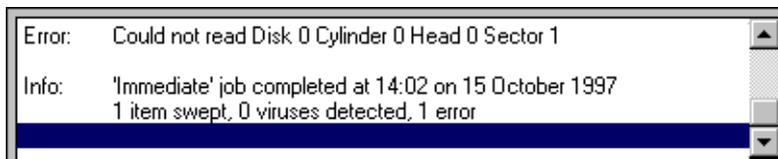
Indicator lights

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 actions 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.**

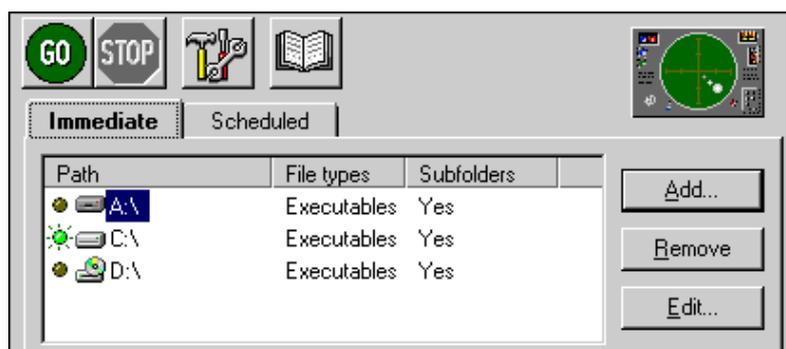| Error:	Could not read Disk 0 Cylinder 0 Head 0 Sector 1
Info:	'Immediate' job completed at 14:02 on 15 October 1997
	1 item swept, 0 viruses detected, 1 error

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.

By default, SWEEP will scan local hard drives, checking executables only.

Now select the drives that you want to virus check. You do this by illuminating 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.
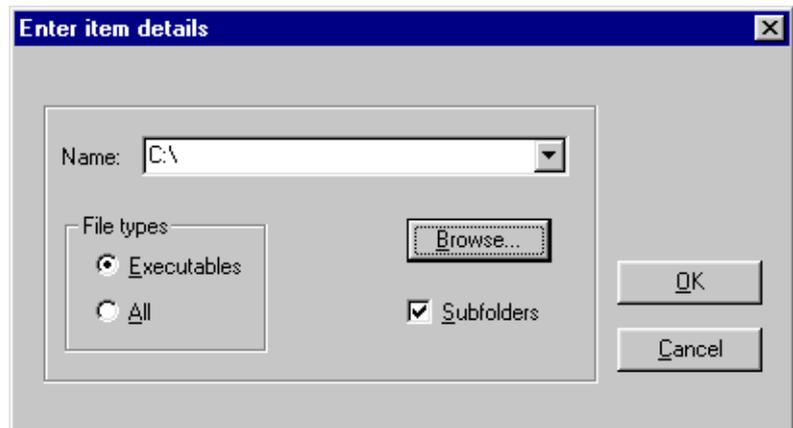
To add new items for on-demand scanning

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

Highlight the item.

Click on **Edit**, and amend the details in the **Enter item details** dialog (see above).

To remove items for on-demand scanning
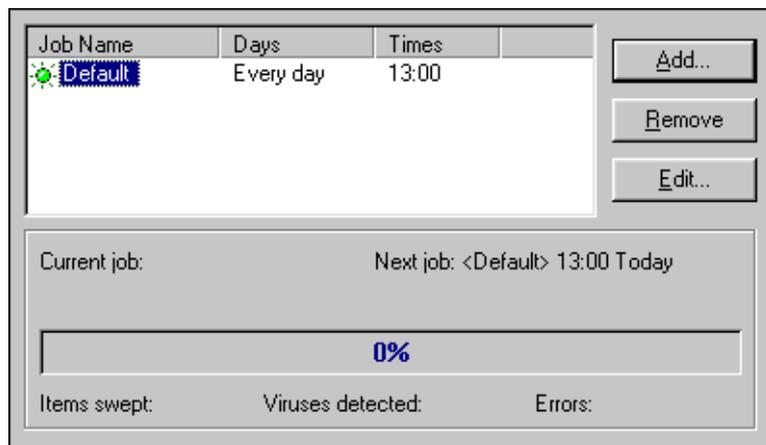
Highlight the item to be removed.

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 swept at the **File list** page and the sweeping 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 swept etc.

Removing a scheduled job

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

On-access scanning

InterCheck provides automatic on-access scanning.

When Sophos Anti-Virus is first installed with the stand-alone Windows 95/98 InterCheck client, InterCheck runs to check the PC for viruses.

Each time you start the PC subsequently, InterCheck checks critical files.

It then stays active to provide on-access protection.

When you attempt to access any item, InterCheck checks it against a list of authorised items. If necessary, it carries out a virus check.

If an item is infected, InterCheck denies access to it and displays a warning.

On-access scanning on a network

This Quick Start Guide assumes that you use stand-alone InterCheck for Windows 95/98, which virus checks unknown items on the workstation itself.

Alternatively, you can place an InterCheck server on your file server to provide server based on-access scanning for Windows 95/98 workstations.
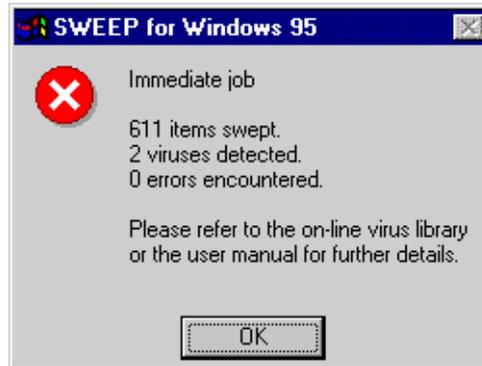
For details, see the user manual for the version of Sophos Anti-Virus used on your file server.

What happens if a virus is found?

If SWEEP finds a virus, a message like this 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 automatically with many viruses. See 'Automatic disinfection' below.

Notifying other users

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

This is the configuration icon.

On the **Immediate** or **Scheduled** page, click on the configuration icon. Select the **Notify** tabbed page and specify who is to be notified and when.

This centralised reporting requires Microsoft Exchange.

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.

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.

 This is 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 a number of different 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.
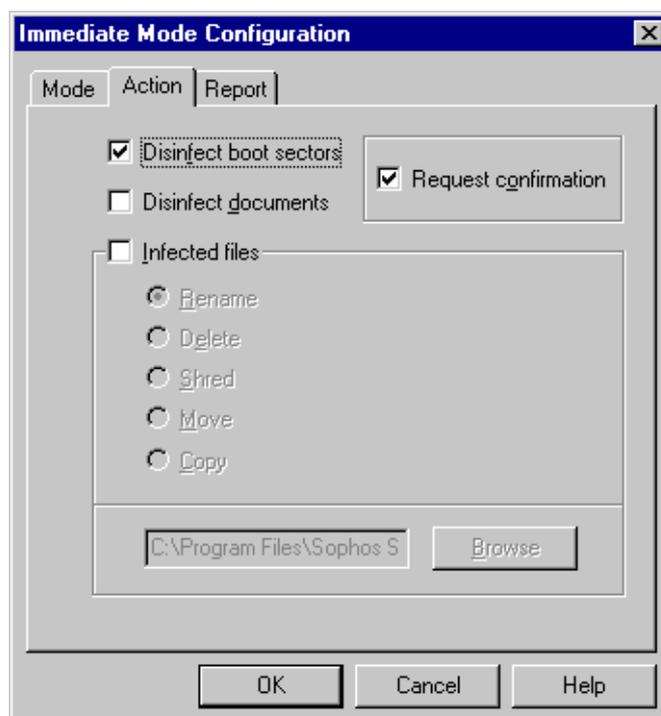
Additional information

Workstations supported by Sophos Anti-Virus

Sophos Anti-Virus can protect the following workstations:

- Windows 3.x

- Windows for Workgroups

- Windows 95

- Windows 98

- Windows NT (Intel and Alpha AXP)

- 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

- DOS/Windows 3.x

- Windows NT (Intel and Alpha AXP)

- Novell NetWare and IntranetWare

- OpenVMS (VAX and Alpha AXP)

- OS/2

- Banyan VINES

The DOS version can also be used to support various UNIX platforms.

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