McAfee®

quickclean™

User Guide

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Quick Start Card

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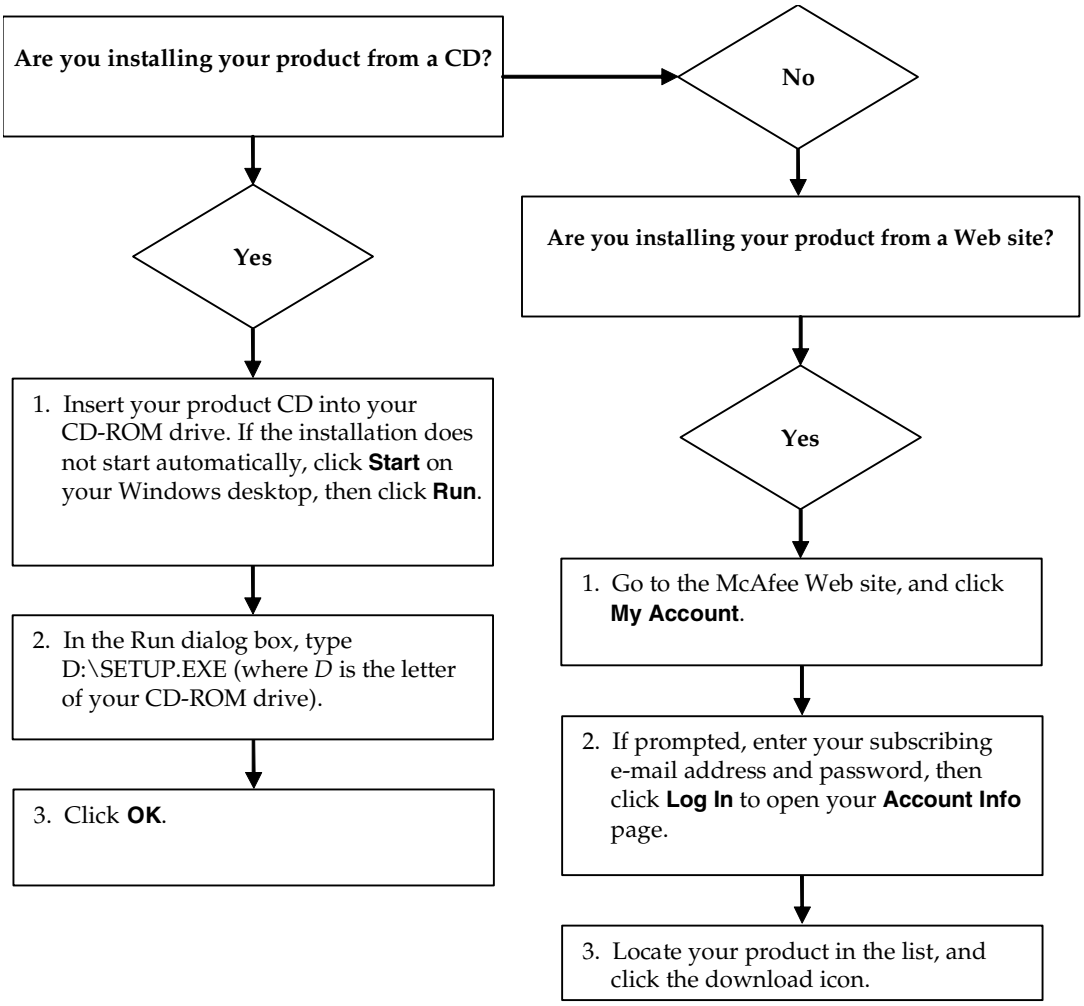

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To view the User Guides on the product CD, ensure that you have Acrobat Reader installed; if not, install it now from the McAfee product CD.

1. Insert your product CD into your CD-ROM drive.
2. Open Windows Explorer: Click **Start** on your Windows desktop, and click **Search**.
3. Locate the Manuals folder, and double-click the User Guide .PDF you want to open.

Registration benefits

McAfee recommends that you follow the easy steps within your product to transmit your registration directly to us. Registration ensures that you receive timely and knowledgeable technical assistance, plus the following benefits:

- FREE electronic support
- Virus definition (.DAT) file updates for one year after installation when you purchase VirusScan software

  Go to http://www.mcafee.com/ for pricing of an additional year of virus signatures.
- 60-day warranty that guarantees replacement of your software CD if it is defective or damaged
- SpamKiller filter updates for one year after installation when you purchase SpamKiller software

  Go to http://www.mcafee.com/ for pricing of an additional year of filter updates.
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For technical support, please visit

http://www.mcafeehelp.com/.

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Knowledgeable users can also try our advanced options, which include a Keyword Search and our Help Tree. If a solution cannot be found, you can also access our FREE Chat Now! and E-mail Express! options. Chat and e-mail help you to quickly reach our qualified support engineers through the Internet, at no cost. Otherwise, you can get phone support information at

http://www.mcafeehelp.com/.

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Getting Started 1

Junk accumulates quickly on your computer when you surf the Internet. Protect your privacy and get rid of Internet and e-mail clutter with McAfee QuickClean. QuickClean technology identifies and removes files that accumulate when surfing, including cookies, e-mail, downloads, and history—data that contains personal information about you. It protects your privacy by offering the option of secure erasure of this sensitive information.

QuickClean also removes unwanted programs and can automatically clean up any remnants left behind after a program is uninstalled. Specify the files you want to eliminate and wipe away the clutter without deleting essential information.

Understanding how QuickClean works

QuickClean uses safe and simple wizards to perform its major tasks. When you use a wizard to clean up your hard disk or manage applications, at each step you see exactly what you are specifying, and you can go back to previous screens and change options if you change your mind.

QuickClean identifies and removes unnecessary files, e-mail, and junk that accumulates on your computer. It protects your privacy by shredding your Web trail, unwanted folders, and other personal identification data without deleting critical information. It reclaims space by removing unwanted programs and files quickly and thoroughly.

QuickClean is extremely careful about removing operating system files from your computer. Whether you are using Windows 98 or Windows XP Professional, QuickClean knows which files it should never remove, which files it can safely remove, and when to warn you that it is about to remove files so that you can decide how to proceed.

McAfee QuickClean has a new simplified user interface that provides detailed at-a-glance information and lets you easily access all of the individual product wizards.

Cleaning your computer using QuickClean wizards

QuickClean provides three categories of cleaning: Disk Cleanup, Internet Cleanup, and Remove Programs. Even if you are an expert computer user, wizards can automate tasks, such as deleting junk files, that would otherwise be time-consuming or error-prone.

Disk cleanup wizards

- **QuickClean Lite:** Quickly and safely removes files, folders, shortcuts, and more.
- **SpaceMaker:** Deletes unnecessary files in specific categories until it has freed the amount of disk space you specify.
- **Shredder:** Shreds data to ensure it is completely eliminated and remains private.
- **Folder Browser:** Analyzes the contents of your hard disk and identifies folders you might want to move, remove, or compress.

Internet cleanup wizards

- **Browser Cache Cleaner:** Frees hard disk space by deleting temporary Internet files.
- **ActiveX and Plug-in Cleaner:** Identifies and removes unsolicited ActiveX objects and browser plug-ins.
- **Browser Cookie Cleaner:** Identifies and removes Internet cookies left on your computer by Web sites you do not have bookmarked.
- **E-mail Cleaner:** Removes junk e-mail from the Inbox of Microsoft Outlook and other MAPI compliant e-mail programs.

Remove programs wizards

- **Remove wizard:** Deletes any program you specify, and removes all related shortcuts and registry entries.
- **Application Remnant Cleaner (ARC):** Automatically removes file and registry key remnants left over from the uninstallation of an application.
- **Restore wizard:** Restores deleted applications and files. Entire applications or miscellaneous files can be restored if they were removed by SpaceMaker or Remove, and the cleaned files are backed up.

> **NOTE**
> By default, the SpaceMaker and Remove wizards create backup copies of detected files before they are deleted. Although you can turn off backup creation when you run the wizard, it is a good idea to make backups. Later, when you are sure that you do not want to recover deleted files, you can delete the backup copies.

Features

McAfee QuickClean provides a set of efficient and easy-to-use tools that safely remove digital debris to free up valuable drive space and optimize the performance of your computer.

System requirements

- Microsoft® Windows 98, Windows Me, Windows 2000, or Windows XP
- Personal computer with Pentium-compatible processor

  Windows 98 or 2000: 133 MHz or higher

  Windows Me: 150 MHz or higher

  Windows XP (Home and Pro): 300 MHz or higher
- RAM

  Windows 98, Me, or 2000: 64 MB

  Windows XP (Home and Pro): 128 MB
- 35 MB hard disk space
- Microsoft Internet Explorer 5.5 or later

  NOTE
  To upgrade to the latest version of Internet Explorer, visit the Microsoft Web site at http://www.microsoft.com/.

About the SmartLinks database

After you install and launch McAfee QuickClean, QuickClean scans your computer and creates a list of protected folders. When you are running a QuickClean wizard, these folders and their contents are never cleaned without your approval.

QuickClean builds the SmartLinks database the first time you run the SpaceMaker or the Remove wizard. The SmartLinks Database captures and stores information about the interdependencies between files on your computer as well as their relationships to the protected files in your computer.

For more information about protected folders, see *General settings* on page 32.

Understanding the Summary page

When you start QuickClean, the Summary page appears (Figure 1-1) and you can:

- Get Help. From the Help icon you can get Help on the current window, view the entire online Help system, get Help from McAfee on the Internet, and obtain information about your version of QuickClean.
- View details about total disk space recovered.
- View recent cleanup activity, including the date and total amount of space reclaimed using QuickClean wizards.
- Check your Monitor Status. QuickClean examines your monitoring status and informs you if key cleaners are enabled or disabled. For more information, see *Freeing disk space and protecting your privacy using Automatic Internet Cleanup* on page 26 or *Removing an application using the application Remnant Cleaner (ARC)* on page 29.
- View current hard drive usage (the total amount of free and used disk space in your computer).
- Manage Restore Points. For more information, see *Recovering deleted files and applications using Restore Points* on page 30.

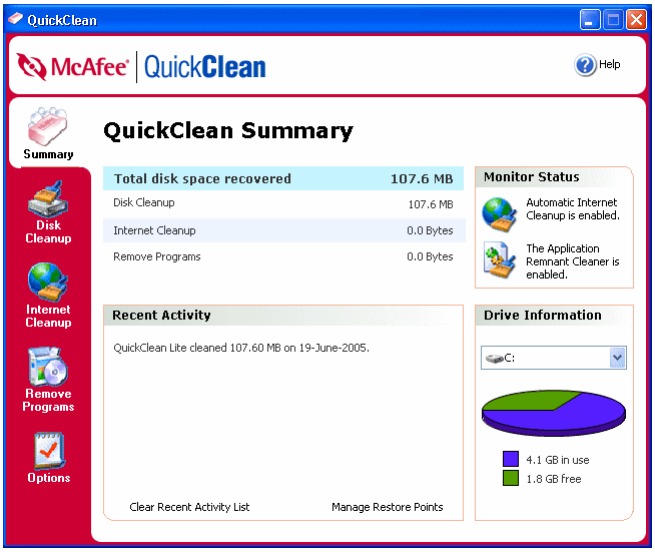

Figure 1-1. Summary page

Updating QuickClean

You must be connected to the Internet for QuickClean to check for available updates.

To update QuickClean, use the following steps:

1. Ensure your computer is connected to the Internet.
2. In the Windows system tray, right-click the McAfee icon, then click **Updates**.
3. Click **Check Now**.
   - If an update exists, the **Updates** dialog box opens. Click **Update** to continue.
   - If no updates are available, a dialog box tells you that QuickClean is up-to-date. Click **OK** to close the dialog box.
4. Log on to the Web site, if prompted. The Update Wizard installs the update automatically.
5. Click **Finish** when the update is finished installing.

> **NOTE**
> In some cases, you are prompted to restart your computer to complete the update. Be sure to save all of your work and close all applications before restarting your computer.

Using McAfee SecurityCenter

McAfee SecurityCenter is your one-stop security shop, accessible from its icon in your Windows system tray or from your Windows desktop. With it, you can access QuickClean, and perform other useful tasks:

- Get free security analysis for your computer.
- Launch, manage, and configure all your McAfee subscriptions from one icon.
- See continuously updated virus alerts and the latest product information.
- Get quick links to frequently asked questions and account details at the McAfee Web site.

> **NOTE**
> For more information about SecurityCenter features, click **Help** in the **SecurityCenter** dialog box.

While SecurityCenter is running and all of the McAfee features installed on your computer are enabled, a red **M** icon displays in the Windows system tray. This area is usually in the lower-right corner of the Windows desktop and contains the clock.

If one or more of the McAfee applications installed on your computer are disabled, the McAfee icon changes to black .

To open McAfee SecurityCenter:

Right-click the McAfee icon , and select **Open SecurityCenter**.

To access McAfee QuickClean:

Right-click the McAfee icon , point to **QuickClean,** and select the appropriate feature.

Cleaning Your Hard Disk 2

When you use the Windows operating system, you may not always know the purpose of all the files on your computer. Windows uses specific files for specific reasons and then retains them in folders designated for temporary files. To free disk space and tune up your computer, you might want to clean these special-purpose files from your disk, if it can be done without harming any programs.

Use the wizards on the Disk Cleanup page (Figure 2-1) to quickly and securely clean unnecessary files from your computer and how to free valuable hard disk space:

- *Freeing disk space and removing unnecessary files using QuickClean Lite*
- *Finding and cleaning non-critical files using SpaceMaker*
- *Erasing files permanently using McAfee Shredder*
- *Exploring your computer and discovering folders using large amounts of disk space*

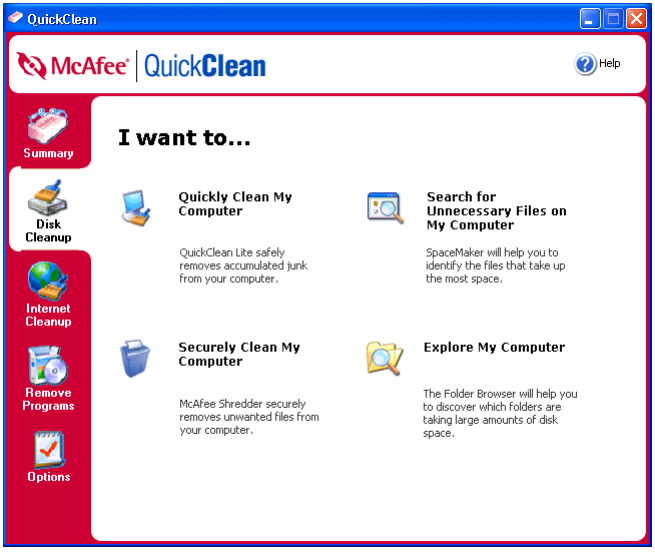

Figure 2-1. Disk Cleanup page

Freeing disk space and removing unnecessary files using QuickClean Lite

QuickClean Lite is an easy-to-use wizard that enables you to securely erase files and free disk space by removing files that your computer does not need. You can also protect your privacy by using McAfee Shredder to securely erase files detected by QuickClean Lite.

Files QuickClean Lite cleans

QuickClean Lite locates files that you can safely clean:

- Recycle Bin contents
- Temporary files including Temporary Internet Files
- Invalid shortcuts and Windows Registry keys
- Browser history files
- Most Recently Used (MRU) shortcuts

NOTE
You can protect your privacy by using QuickClean Lite to remove records of your past browsing experience.

Specifying files you want QuickClean Lite to clean

1. Open QuickClean, and click the **Disk Cleanup** tab.
2. Click **Quickly Clean My Computer**, then click **Settings**.
3. Follow the on-screen instructions.

Starting and using QuickClean Lite

WARNING
You cannot restore files deleted by QuickClean Lite.

To quickly clean your computer:

1. Open QuickClean, and click the **Disk Cleanup** tab.
2. Click **Quickly Clean My Computer**, then follow the on-screen instructions.

NOTE
Choose the shredding option to securely and permanently erase files that QuickClean Lite cleans.

The Recent Activity section on the Summary page shows how much disk space QuickClean Lite reclaimed.

Finding and cleaning non-critical files using SpaceMaker

The SpaceMaker wizard lets you quickly create free hard disk space.

If you need to free disk space on one of your drives, you can use the SpaceMaker wizard to search for non-critical files such as multimedia files, temporary files, setup files, backup files, and Recycle Bin contents. You can create a custom rule that tells SpaceMaker to look for files in a specific folder, of a specific type, or of a certain size or age.

SpaceMaker lets you delete files that some users might need, such as bitmap and multimedia files, backup files that have the .bak extension, temporary files that Windows or Windows applications generate, screen savers, and online help files.

Benefits when using SpaceMaker

The SpaceMaker wizard scans files using a query-like process, similar to the Windows Explorer Search utility. The SpaceMaker wizard lets you create and save custom rules that you can run when you use SpaceMaker to reclaim hard disk space, as opposed to the Windows Search feature, which requires you to manually query your computer's drives.

Preventing deletion of critical Windows files

If you delete a file in Windows, you cannot recover it once you empty the Recycle Bin. However, the SpaceMaker wizard can back up cleaned files and save them to QuickClean Restore Points. If you inadvertently clean a critical file, you can easily restore it from the Restore Point.

By default, files are backed up in a Restore Point before they are deleted. The compressed backup uses less disk space than the deleted files, and gives you a chance to recover deleted files later. Each time you run the SpaceMaker wizard, you can turn off backups or specify a different location for the backups.

Starting and using the SpaceMaker wizard

1. Open QuickClean, and click the **Disk Cleanup** tab.
2. Click **Search for Unnecessary Files on My Computer**, then follow the on-screen instructions.

Custom rules

You can specify cleaning of files that are particular to your applications and computing habits. No file is deleted if it has been modified or accessed within the period you specified during custom rule creation. However, the default minimum protection period for all files, whether or not a custom rule has been applied, is 180 days.

Creating custom rules

1. Open QuickClean, and click the **Options** tab.
2. Click **Custom Rule Creator**, then follow the on-screen instructions.

Accessing QuickClean Restore Points

1. Open QuickClean.
2. On the Summary page, click the **Manage Restore Points** link under **Recent Activity**, then follow the on-screen instructions.

Erasing files permanently using McAfee Shredder

McAfee Shredder protects your privacy by quickly and safely erasing unwanted files.

Deleted files can be recovered from your computer even after you empty your Recycle Bin. When you delete a file, Windows merely marks that space on your disk drive as no longer being in use, but the file is still there.

Why Windows leaves some file remnants

To permanently delete a file, you must repeatedly overwrite the existing file with new data. If Microsoft Windows securely deleted files, every file operation would be very slow. Shredding a document does not always prevent that document from being recovered because some programs make temporary hidden copies of open documents. If you only shred documents that you see in Explorer, you could still have temporary copies of those documents. McAfee recommends that you periodically shred the free space on your disk drive to insure that these temporary copies are permanently deleted.

NOTE
With computer forensics tools, tax records, job resumes, or other documents that you had deleted, could be obtained.

What McAfee Shredder erases

With McAfee Shredder, you can securely and permanently erase:

- One or more files or folders
- An entire disk
- The trails that your Web surfing leaves behind

Permanently erasing files in Windows Explorer

To shred a file via Windows Explorer:

1. Open Windows Explorer, then select the file or files that you want to shred.
2. Right-click your selection, point to **Send To**, and then select **McAfee Shredder**.

Emptying the Windows Recycle Bin

If files are in your Recycle Bin, McAfee Shredder offers a more secure method of emptying your Recycle Bin.

To shred the contents of the Recycle Bin:

1. On your Windows desktop, right-click the Recycle Bin.
2. Select **Shred Recycle Bin**, then follow the on-screen instructions.

Customizing Shredder settings

You can:

- Specify the number of shredding passes.
- Show a warning message when you shred files.
- Check your hard disk for errors before shredding.
- Add McAfee Shredder to your Send To menu
- Place a Shredder icon on your Windows desktop.

To customize Shredder settings, open McAfee Shredder, click **Properties**, and then follow the on-screen instructions.

Exploring your computer and discovering folders using large amounts of disk space

Folder Browser is a QuickClean wizard that analyzes the volume of the contents of drives, directories, subdirectories, and folders within your computer's hard disk.

Benefits when using Folder Browser

Folder Browser lets you quickly see which folders are occupying the most space on your computer. On the outside, Folder Browser might resemble Windows Explorer. But, on the inside, Folder Browser lets you perform many space cleaning tasks.

When you specify a large folder that you want to clean, Folder Browser offers you the option to simply delete the folder using normal Windows deletion. If you want to securely erase the folder and its contents from your computer, you can shred the files using McAfee Shredder. When you choose a folder that contains an application, Folder Browser lets you uninstall the application before shredding or deleting its containing folder.

Freeing valuable disk space using Folder Browser

1. Open QuickClean, and click the **Disk Cleanup** tab.
2. Click **Explore My Computer**, then follow the on-screen instructions.

NOTE
One megabyte (MB) represents 1024 kilobytes (KB) of data. One 3.5-inch diskette can store about 1.4 MB of data.

Cleaning Internet Files 3

QuickClean frees valuable disk space and protect your privacy by erasing Internet trails on your computer. It does this by cleaning cookies, temporary Internet files, old e-mail messages, and downloaded programs from your computer.

You can use any of the wizards on the Internet Cleanup page (Figure 3-1) to help clean your computer of unnecessary Internet files and to free valuable hard disk space:

- *Saving disk space and protecting your privacy*
- *Saving disk space and protecting your privacy by cleaning your browser's cookies*
- *Removing e-mail messages using E-mail Cleaner*
- *Cleaning harmful ActiveX and plug-ins and freeing disk space*
- *Freeing disk space and protecting your privacy using Automatic Internet Cleanup*

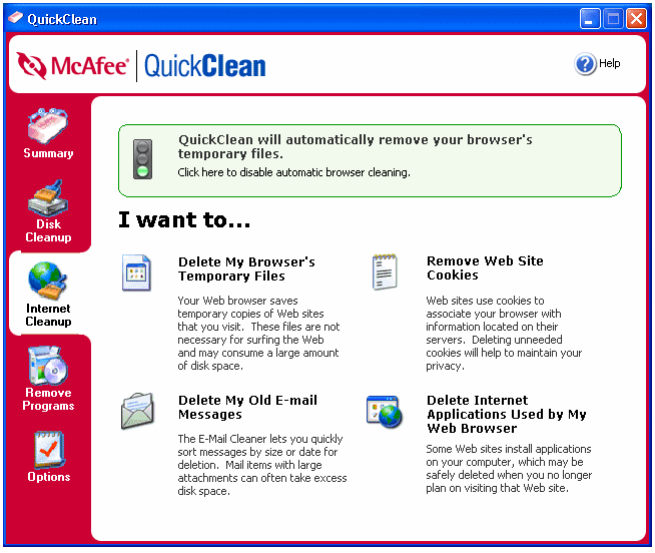

Figure 3-1. Internet Cleanup page

Saving disk space and protecting your privacy

QuickClean's Browser Cache Cleaner helps you to quickly and securely get rid of cached files that might affect your computer's hard disk space and performance.

When you browse the Internet, your browser copies each Internet page and its graphics, ads, multimedia, and downloads to a cache folder (containing temporary Internet files) on your hard disk. This lets your browser load the page quickly if you return to it.

This is a useful feature if you revisit the same Internet pages and their content does not change. However, the cached files are not always useful and can be deleted.

Benefits of cleaning browser cache

Browser cache can consume a significant percentage of hard disk space and adversely affect your computer's performance. For example, do you browse the Internet five days per week for one-half hour per day? For each session, you can accumulate 10 megabytes (MB) of cache. This figure can increase exponentially if more than one computer user exists in your household. Cached files can also present a mirror image of your surfing history. You can protect your privacy by removing Internet cache from your computer.

Manually cleaning browser cache

1. Open QuickClean, and click the **Internet Cleanup** tab.
2. Click **Delete my Browser's Temporary Files**, then follow the on-screen instructions.

Automatically cleaning browser cache

QuickClean's Automatic Internet Cleanup (AIC) removes Internet buildup files such as cache, history files, and cookies from your computer when you close Microsoft Internet Explorer.

1. Open QuickClean, and click the **Options** tab.
2. Click **Automatic Internet Cleanup**, then follow the on-screen instructions.

> **NOTE**
> If you have more than one browser window open concurrently, AIC cleans buildup files after you close all browser windows opened during your current session.

Saving disk space and protecting your privacy by cleaning your browser's cookies

QuickClean's Browser Cookie Cleaner wizard helps you to quickly get rid of files that might jeopardize your privacy and security while browsing the Internet.

Cookie overview

Cookies are very small text files that a Web browser stores on your computer at the request of a Web site. Each time you view a Web page from the Web server, your Internet browser sends the cookie back to the server. These cookies can act like a tag that lets the Web server track what pages you view and how often you view them.

Why Web sites use cookies

Web sites use cookies for many reasons. The main reason is for Web sites to remember you. For example, cookies enable Web sites such as My Yahoo and My MSN to remember your custom display settings. Cookies enable e-commerce sites like Amazon or eBay to track your purchasing characteristics, and dynamically display goods that appeal to your spending interests. Cookies improve the overall usability of Web sites by securely storing personal data that you give the site (for example, allowing quick log on). Cookies can remain on your hard drive for great lengths of time. If you visit a Web site months after the cookie was put on your hard drive, the Web site can still retrieve data about you from your computer.

How cookies threaten your privacy

First of all, cookies do not contain viruses, and by themselves, cannot harm your computer. Cookies cannot read your hard drive to find out information about you; however, any personal information that you give to a Web site to remember you is most likely stored in a cookie. When you remove cookies from your hard drive, you can prevent your computer from sending personal information about you to Web sites that you visit.

Manually cleaning browser cookies

1. Open QuickClean, and click the **Internet Cleanup** tab.
2. Click **Delete My Browser's Temporary Files**, then follow the on-screen instructions.

Automatically cleaning browser cookies

QuickClean's Automatic Internet Cleanup (AIC) removes Internet buildup files such as cache, history files, and cookies from your computer when you close Microsoft Internet Explorer.

1. Open QuickClean, and click the **Options** tab.
2. Click **Automatic Internet Cleanup**, then follow the on-screen instructions.

Removing e-mail messages using E-mail Cleaner

QuickClean's E-mail Cleaner wizard helps you get rid of old messages that you no longer need, and most importantly, that you do not want others to access.

With the amount of e-mail messages you receive in just one day, cleaning your e-mail messages can be a big task. Anyone who has e-mail probably experiences it. You go away for a few days or even a few hours, and then your Inbox is crammed with new messages and inevitable junk mail. Although most e-mail does not consume a large amount of disk space, messages with attachments such as pictures and graphics can consume substantial amounts of hard disk space.

> **NOTE**
> Junk mail is a growing problem for all who use the Internet. If you register for a newsletter or membership at a Web site, that site might give your e-mail address to junk mail list providers. Then, unwanted messages can start appearing in your e-mail inbox. Such unsolicited e-mail is called *spam*.

Types of messages E-mail Cleaner cleans

E-mail Cleaner cleans items in the Inbox folder of Microsoft Outlook and other MAPI compliant e-mail programs.

> **NOTE**
> E-mail Cleaner cleans e-mail messages in the Inbox folder of Microsoft Outlook and other MAPI compliant e-mail programs, whereas QuickClean Lite cleans unnecessary Microsoft Outlook Express e-mail messages.

Starting and using E-mail Cleaner

To use the E-mail Cleaner:

1. Open QuickClean, and click the **Internet Cleanup** tab.
2. Click **Delete My Old E-mail Messages**, then follow the on-screen instructions.

Cleaning harmful ActiveX and plug-ins and freeing disk space

QuickClean's ActiveX and Plug-in Cleaner can dispose of harmful technology that might cause harm to your computer's data.

ActiveX controls and plug-ins overview

On the Internet, ActiveX controls can be linked to Web pages and downloaded by an ActiveX-compliant browser such as Internet Explorer. ActiveX controls turn Web pages into software pages that perform like any other program launched from a server. Most of these controls have been digitally signed, meaning that they are harmless and will do nothing bad to the data on your computer. On the other hand, plug-ins are small, special-purpose applications designed to perform specific functions in your Internet browser. They let you view almost any type of file in an Internet browser. Some of the more popular plug-ins include Acrobat Reader, Quick Time, Java, Flash, and Shockwave.

Reason for removing ActiveX controls and plug-ins from your computer

Dishonest people can use ActiveX and plug-in technology to write programs that can compromise the security of the data on your computer. An ActiveX program can actually write data to your hard disk, whereas a plug-in can only run in your browser. Nonetheless, both technologies can manifest themselves in security and privacy problems.

If you browse the Internet frequently, you can accrue a substantial number of these small, but potentially harmful programs. ActiveX and Plug-in Cleaner can detect and clean your computer, and as a result, protect your privacy, security, and reclaim valuable hard disk space.

Removing malicious ActiveX controls and plug-ins from your computer

1. Open QuickClean, and click the **Internet Cleanup** tab.
2. Click **Delete Internet Applications Used by My Web Browser**, then follow the on-screen instructions.

Freeing disk space and protecting your privacy using Automatic Internet Cleanup

QuickClean's Automatic Internet Cleanup removes Internet buildup files from your computer after you close Microsoft Internet Explorer.

Internet buildup files consist of browser cache, cookies, and history files that contain links to Web pages that you recently visited.

Benefits of cleaning Internet buildup files

The most important reason for cleaning Internet buildup files is to free valuable disk space. Cleaning Internet buildup might also improve your computer's performance. However, you can also protect your privacy by removing cookies and other records of where you surfed the Internet.

Configuring QuickClean to automatically clean Internet buildup files

1. Open QuickClean, and click the **Options** tab.
2. Click **Automatic Internet Cleanup**, then follow the on-screen instructions.

NOTE
You can also access the Automatic Internet Cleanup Settings dialog box by clicking the link next to the traffic signal on the Internet Cleanup page.

Managing Programs 4

We have all encountered a program that we no longer want installed on our computer. While most programs possess an uninstaller, a few programs still do not offer this feature. If the Windows Add or Remove Programs applet cannot completely remove a program from your computer, or removing a program from you computer is a complex undertaking, QuickClean completely removes unwanted programs to keep your PC running at peak performance.

Use the wizards on the Remove Programs page (Figure 4-1) to clean your computer of unnecessary application files and to free valuable hard disk space. The following topics are discussed in this chapter:

- *Removing programs using the Remove Wizard*
- *Removing an application using the application Remnant Cleaner (ARC)*
- *Recovering deleted files and applications using Restore Points*

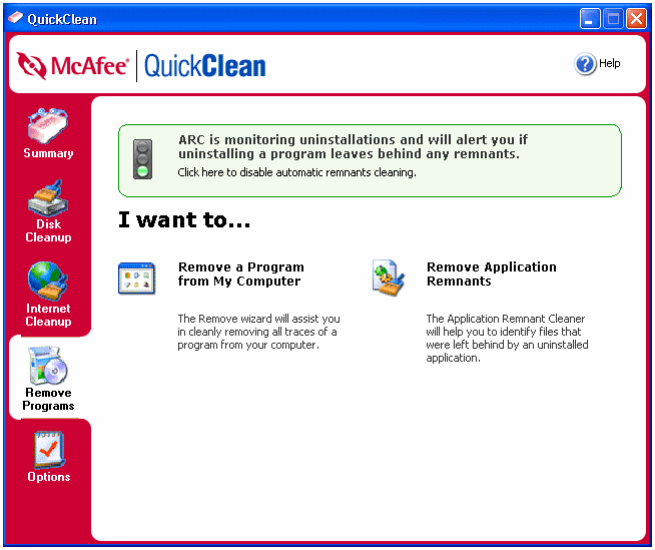

Figure 4-1. Remove Programs page

Removing programs using the Remove Wizard

The Remove wizard lets you clean all traces of an application that you remove from your computer, including shortcuts and Windows registry keys.

Use the Remove wizard to remove:

- An application that you no longer use. The Remove wizard keeps your computer up-to-date by removing Windows registry keys and the operating system settings associated with them.
- A demo application that you downloaded and decided not to purchase. Demo applications usually cannot be used after a specified date, but they still remain on your disk, taking up valuable disk space.
- An application that you want to reinstall because it is behaving incorrectly. Sometimes reinstalling a program fixes minor problems.

How QuickClean erases files associated with removing an application

When you use the Remove wizard to uninstall an application, you can choose to permanently and securely erase the files, or back them up as a QuickClean Restore Point. If you create a Restore Point, QuickClean's Restore wizard lets you restore the application to its previous state.

Using the Remove Wizard

1. Open QuickClean, and click the **Remove Programs** tab.
2. Click **Remove a Program from My Computer**, then follow the on-screen instructions.

> **NOTE**
> If QuickClean detects that an application has an uninstaller of its own, you can choose to use its uninstaller or the Remove wizard.

Removing an application using the application Remnant Cleaner (ARC)

ARC lets you remove unnecessary program files remaining on your computer after you uninstall a program.

To remove a program from your computer, you typically use one of two methods: One method is to use the Add or Remove Programs applet located in the Windows Control Panel. The other method is to delete the program using its own uninstallation wizard.

Both methods usually remove most program files associated with the application. However, documents, folders, and Windows registry values created with and linked to the program might remain on your computer even after the uninstallation routine is complete.

How ARC cleans application remnants

ARC has two operational modes. You can let ARC run silently in the background, or you can run ARC when you want to free disk space.

When you let ARC run silently after you uninstall a program, QuickClean automatically scans your computer and shows a list of files the uninstaller might have left behind. When you run ARC on-demand, QuickClean scans your computer for incomplete program files and registry keys, and shows a list of programs that left remnants on your computer.

In either mode, you can then choose to shred, move, throw away, or compress (NTFS drives only) the remnant files or documents created with the program.

Automatically cleaning application remnants

1. Open QuickClean, and click the **Options** tab.
2. Click **Application Remnant Cleaner**, then follow the on-screen instructions.
3. If ARC detects a program's uninstallation, follow the on-screen instructions.

Cleaning application remnants when to free disk space

To clean application remnants when you need to free disk space:

1. Open QuickClean, and click the **Remove Programs** tab.
2. Click **Remove Application Remnants**, then follow the on-screen instructions.

Recovering deleted files and applications using Restore Points

The Restore wizard can completely restore any program or file if you have let the Remove wizard make a backup copy of the application before you remove it. The backup copy must still be available.

Restore Points are compressed files containing copies of all files deleted by QuickClean. Restore Points let you safely recover cleaned and deleted files.

QuickClean saves Restore Points in the QuickClean Restore Points folder. During the installation process, QuickClean creates this folder in your computer's My Documents folder.

Benefits of Restore Points

Restore Points can consist of one to a very large number of individual files. However, QuickClean lets you recover only the files that you want to restore.

When you restore files, QuickClean safely returns each individual file to its original location on your hard disk.

Restoring deleted files

The Restore wizard can also restore individual files that the SpaceMaker wizard has deleted if QuickClean made backup copies of the files.

1. Open QuickClean.
2. On the Summary page, click **Manage Restore Points**, and then follow the on-screen instructions.

Deleting Restore Points

Although QuickClean compresses Restore Points to minimize hard disk space consumption, they can eventually take up a lot of disk space. When you are sure that you no longer want or need a backup of a deleted application or group of files, you can delete the Restore Point.

1. Open QuickClean.
2. On the Summary page, click **Manage Restore Points**, and then follow the on-screen instructions.

Configuring QuickClean 5

After QuickClean is installed, you can modify options when running a wizard, or you can change a wizard's default options in the Options page (Figure 5-1). This chapter describes how you can customize QuickClean to provide the highest level of cleaning efficiency:

- *General settings*
- *Application Remnant Cleaner options*
- *QuickClean Restore Points options*
- *Automatic Internet Cleanup options*
- *Custom Rule Creator options*
- *QuickClean Lite Cleaning settings*
- *Most Recently Used Files (MRU) Cleaner settings*

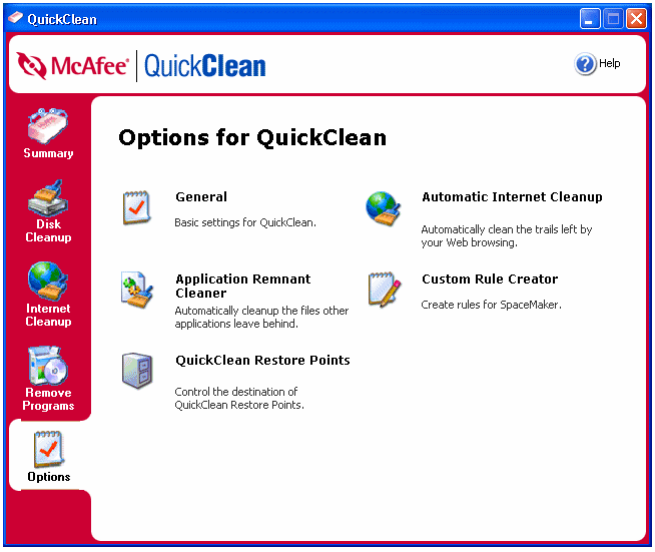

Figure 5-1. Options page

General settings

Use the General settings page to specify the following drives, folders, and file types that you want QuickClean to protect and track.

Drive scan settings

You can specify the drives that you want the SmartLinks Database to monitor.

Protected folders

You can specify folders from which QuickClean must never delete a file. You can accept the default protected folders or click **Add** to specify other folders. For example, you might want to protect your My Documents folder.

1. Click **Folders** to show the Protected Folders dialog box.
2. Click **Add** to browse to a folder that you want to add to the **Protected Folders** list. To remove a folder from the protected folders lists, select a folder, and click **Remove**.

Protected file types

You can specify file types, denoted by their file extension, that QuickClean must never delete. For example, you can protect all .doc files (representing Microsoft Word documents) that you never want QuickClean to delete. QuickClean provides you with default protected file types. However, you can create custom file types.

1. Click **Types** to show the Protected File Types dialog box.
2. Click **Add** to show the Add File Type dialog box.
3. To add a file type, select a file type in the Extension list, and click **OK**.
4. To create a custom file extension, type the file extension in the **Custom file type** box, and click **OK**.
5. To remove a file type from the **Protected file types** list, select the extension of the file type that you want to remove, and click **Remove**.

Application Remnant Cleaner options

By default, ARC is configured to watch for application remnants when you uninstall an application from your computer.

To disable application remnant removal:

1. Open QuickClean, and click the **Options** tab.
2. Click **Application Remnant Cleaner**, then follow the on-screen instructions.

QuickClean Restore Points options

To specify where you want QuickClean to retain Restore Points:

1. Open QuickClean, and click the **Options** tab.
2. Click **QuickClean Restore Points**, then follow the on-screen instructions.

Automatic Internet Cleanup options

Automatic Internet Cleanup (AIC) helps you keep your computer free of Internet clutter. Internet clutter includes cookies, cache (files your computer downloaded when visiting Web sites), and Internet browsing history files. You can configure this cleaner to start when you close Internet Explorer.

To configure the Automatic Internet Cleanup cleaner:

1. Open QuickClean, and click the **Options** tab.
2. Click **Automatic Internet Cleanup**, and then follow the on-screen instructions.

> **NOTE**
> The AIC feature runs when your close Microsoft Internet Explorer. If more than one browser window is open, AIC runs after you close all open browser windows.

Custom Rule Creator options

The Custom Rule Creator lets you customize your SpaceMaker tasks. You can create a custom rule to search for and clean files located in a specific drive or folder, with specific file extensions (for example, .zip, .doc, or .log files), based on the age of the file, and the size of the file (in KB).

To create or modify a custom rule:

1. Open QuickClean, and click the **Options** tab.
2. Click **Custom Rule Creator**. The Create or Modify Custom Rules dialog box appears.
3. Click **New** to create a rule. Otherwise, select a rule, and click **Modify** or **Delete** to change or remove an existing rule.

   If you click **New** or **Modify**, a condition customization dialog box appears.
4. Select your condition options.
   - To specify files by location:
     a. Click **a specific folder**, then enter or browse to the folder.
     b. Select **Include subfolders** to include the subfolders, then click **OK**.

NOTE
You cannot clear **Files in a specific folder**. QuickClean bases its query of your files using the location as its starting point.

- To specify files by file extension:
  a. Select **Files with specific extensions**.
  b. Click **specific extensions**.
  c. Click **Add**, select the desired file type, then click **OK**. Repeat these steps for each file type you want to add.

     If the file type is not listed, you can add a custom file type: Type the file extension in the **Custom file type** box, and click **OK**.
  d. To remove a file type, select the file type, then click **Remove**.
- To specify files by age:
  a. Select **Files by age**.
  b. Click **of any dates**.
  c. Complete the appropriate boxes and then click **OK**.
- To specify files by size:
  a. Select **Files by size**.
  b. Click **of any size**.
  c. Complete the appropriate boxes and then click **OK**.

  NOTE
  1024 KB equals 1 megabyte (MB).

5. Type the name in the **The name of the rule** box. You can accept the default name of the rule, but McAfee recommends that you name your rules so that you can recognize them.
6. Click **OK**.

QuickClean Lite Cleaning settings

To specify the cleaning operations QuickClean Lite uses to clean your computer:

1. Open QuickClean, and click the **Disk Cleanup** tab.
2. Click **Quickly Clean My Computer**, then click **Settings**.
3. Select the cleaning operations that you want QuickClean Lite to use, then click **OK**.

Most Recently Used Files (MRU) Cleaner settings

As you run a program, it and Windows creates a record of the Most Recently Used files for the program. An MRU is a shortcut that lets you open an item without having to browse your hard disk to find the item. MRU shortcuts can usually be found in a program's File menu and in the Documents submenu of the Windows Start menu. QuickClean Lite's MRU Cleaner lets you scan for and delete MRU shortcuts.

QuickClean Lite maintains a predefined list of MRU shortcuts that it scans for. Therefore, you might see an application in the MRU list that is not currently installed in your computer.

For example, QuickClean Lite scans for Microsoft Word 97, Microsoft Word 2000, and Microsoft Word XP. However, you might only have Microsoft Word 2000 installed in your computer.

To access MRU Cleaner settings:

1. Open QuickClean, and click the **Disk Cleanup** tab.
2. Click **Quickly Clean My Computer**, then click **Settings**. The cleaners list dialog box appears.
3. Select **MRU Cleaner**, then click **Properties**. The MRU Properties dialog box appears.
4. Select the MRUs that you want QuickClean Lite to clean, then click **OK**.

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