**Introducing UnErase Wizard**

UnErase Wizard helps you recover deleted files that are protected by Norton Protection, the standard Windows Recycle Bin, or Novell's Salvage (for recovery of files on a network). If a file is recoverable but cannot be recovered automatically, UnErase Wizard helps you to reconstruct it.

UnErase Wizard frequently recovers unprotected files as well−even those deleted from the Recycle Bin. Although UnErase Wizard can recover files that you did not first protect with Norton Protection, it is a good idea to enable Norton Protection to ensure successful recovery of all deleted files.

You can search for a deleted file by its filename and by words that you think the file may contain. This is especially useful if you can't remember the filename, but you do remember its topic.

To look at a file's contents, click the Quick View button on any results list dialog box. This helps if you cannot tell by the filename whether you have the right file. Quick View is also available by right-clicking the Name column on any results list.

Don't use UnErase Wizard to recover and overwrite files that have existing copies in use by either the system or running applications. Examples include SYSTEM.DAT, USER.DAT, applications' Registry (.DAT) files, and any applications or DLLs in the Windows System folder.

In many cases, Norton Protection saves files that are overwritten with newer versions. This lets you retrieve earlier versions of the overwritten files. For the best chance of retrieving old versions of changed files, use Norton Registry Tracker.

To recover deleted files, click here     to start UnErase Wizard.

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{button ,AL(`Introducing Norton Registry Tracker;About UnErase Wizard context menus;About UnErase Wizard search-and-recover options;Introducing Norton Protection;About recovering unprotected files',0,`',`')}   Related Topics

**About UnErase Wizard context menus**

The UnErase Wizard results list box has two context menus:
- Right-click the Name column to view, recover to the original folder, recover to a different folder, delete, or see the properties of one or more selected files.
- Right-click any other column to add unrecoverable files to the list or to select the columns to be included in the list box.

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{button ,AL(`Introducing UnErase Wizard;About UnErase Wizard context menus;About UnErase Wizard search-and-recover options;To open UnErase Wizard',0,`',`')}   Related Topics

**About UnErase Wizard search-and-recover options**

UnErase Wizard offers you three methods for locating files you want to recover:

- **Find recently deleted files**

−First searches for and displays the names of the most recently deleted files, up to a maximum of 25 deleted files. Then, if you choose to continue searching, it prompts you for search criteria.

- **Find all protected files on local drives**

−First searches for and displays the names of all local deleted files that are protected by Norton Protection or the Recycle Bin. Then, if you choose to continue searching, it prompts you for search criteria.

- **Find any recoverable files matching your criteria**

−Prompts you for search criteria.

The search criteria you can specify are the filename (with or without wildcards), the file type or types, words contained in the file or files, and one or more file locations. UnErase Wizard displays information about all files that meet this criteria.

If you find yourself consistently using one of these three options, you can jump directly to that wizard page by double-clicking the Norton Protected Recycle Bin icon on your desktop. To specify which page to jump to first, right-click the desktop icon, click Properties on the context menu, and then click the Desktop Item tab.

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{button ,AL(`Introducing UnErase Wizard;About UnErase Wizard context menus;To open UnErase Wizard;Introducing Norton Protection;About wildcards;To specify a double-click action for the Recycle Bin',0,`',`')}   Related Topics

**About recovery destinations**

To recover a file, select the file in any UnErase Wizard results list, and then click the Recover button. You can specify a destination for your recovered file by clicking Recover To on the context menu. To open the menu, right-click the name of the file you want to recover (in any results list).

{button ,AL(`Introducing UnErase Wizard;About UnErase Wizard context menus;To open UnErase Wizard',0,`',`')}   Related Topics

**About recovering unprotected files**

UnErase Wizard lists all unprotected files, often showing their filenames with a question mark as the initial character (DOS overwrites the first letter in the filename, but UnErase Wizard can reconstruct the name based on the long filename if there is one). To recover the file, you must provide an initial first character. This can be any valid character; it does not need to be the character from the original filename.

For recovery of unprotected files, UnErase Wizard uses the information maintained by Image as well as the <u>file allocation table.</u>

{button ,AL(`Introducing Image;Introducing UnErase Wizard;About UnErase Wizard search-and-recover options;To open UnErase Wizard',0,`',`')}   Related Topics

**About the prognosis of deleted files**

By default, UnErase Wizard lists only recoverable files when it displays search results. A file is deemed unrecoverable if its former disk storage location is now in use by other files. With the help of UnErase Wizard, you may still be able to recover large portions of the data formerly contained by unrecoverable files.

If you are searching for deleted files meeting certain criteria, you may wish to see unrecoverable files in the search results. To include unrecoverable files in the listings, right-click the file list box (but not on a filename), then choose Show Unrecoverable Files from the context menu. Unrecoverable files are preceded by dimmed icons.

To further delineate these files from the recoverable ones, choose Status from the context menu. This adds a new column to the display that shows whether a file is recoverable or not.

You can add many other columns of information to the display by right-clicking the file list box (but not on a filename) and choosing items from the context menu.

{button ,AL(`Introducing UnErase Wizard;About UnErase Wizard search-and-recover options;To open UnErase Wizard;About unrecoverable files',0,`',`')}   Related Topics

**About "unrecoverable" files**

UnErase Wizard lets you search the space marked as "unused" on a local disk. It may take a few moments to scan this area, but the process can be quite helpful for recovering large portions of deleted files deemed "unrecoverable."

Navigate through Unerase Wizard until you get to the Deleted Files Matching Your Criteria page, and then click Next to get to the Scan Unused Disk Space page.

{button ,AL(`Introducing UnErase Wizard;To open UnErase Wizard',0,`',`')}   Related Topics

**To open UnErase Wizard**

You can open any of the Norton Utilities programs from Norton Utilities Integrator.

To open UnErase Wizard:

1 Double-click Norton Utilities Integrator on the Windows desktop.

2 Click Find And Fix Problems in the left pane of the Integrator.

3 Click UnErase Wizard in the right pane.

▶    Or click here

▣   to open UnErase Wizard now.

{button ,AL(`Introducing UnErase Wizard',0,`',`')}   Related Topics

**To recover a lost file**

▸     Click here
🔲   to open UnErase Wizard, and then follow the onscreen instructions. Click Help on any screen for more information.
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{button ,AL(`Introducing UnErase Wizard',0,`',`')}   Related Topics

Shows the name of the file. If multiple files are selected, describes the selected files.

Shows the type of the file. The type is determined by the file extension (the characters following the last period in the filename).

Shows the number of bytes in the file. If multiple files are selected, shows the total bytes in the selected files.

Shows the location of the file before it was deleted.

Shows the MS-DOS name of the file, which may be different from the Windows 95 filename. MS-DOS imposes more restrictions on filenames than Windows 95. For example, MS-DOS filenames are limited to a maximum size of eight characters followed by a period and three final characters.

Shows what attributes are set for this file. Up to four attributes can be set:

- **Archive**
−File has not been backed up since it was last modified.
- **Read-only**
−File can be read but not modified.
- **Hidden**
−File is normally hidden from view.
- **System**
−File is a Windows, DOS, or other system-related file. System files are normally hidden from view.

Shows when this file was created.

Shows when this file was last modified.

Shows when this file was last opened.

Shows when this file was deleted.

Shows the name of the application used to delete this file, if known. If the file is under Recycle Bin protection, the name of the application is always Explorer.

Indicates whether this file is under Norton Protection, Recycle Bin protection, Novell Salvage protection, or no protection.

Indicates that this file is either recoverable (still intact on the disk) or unrecoverable (partially or completely overwritten on the disk).

Determines whether the Introduction screen is displayed the next time you start UnErase Wizard.

Tells UnErase Wizard to look for the names of the last 25 files that were deleted.

Tells UnErase Wizard to look for the names of all protected files on your local drive—those protected by Norton Protection, Recycle Bin, or Novell Salvage.

Tells UnErase Wizard to look for the names of any files it can recover, matching criteria you specify.

Displays the name of the folder the file was in when that file was deleted.

Displays all files that met the selection criteria: all recently deleted files, all files protected on this computer, all deleted files matching your custom criteria, or all deleted files found in disk space that is marked as "unused."

Displays the content of the selected file, using the Windows Quick View program. This is faster than opening the file with the application that originally created it.

💡     You can also right-click a filename and choose Quick View from the context menu.

Undeletes the selected file and puts it back in its original location.

 You can specify a place other than the original location by context-clicking (right-clicking) the file and clicking Recover To from the context menu.

Lets you specify the filename for which you want to search. If you don't know the full name of the file, use wildcards (* and ?) to substitute for characters in the filename. If you don't know the filename or any part of it, leave this text box blank.

Lets you specify the type of file to search for. The type is determined by the file extension (the characters following the last period in the filename).

Lets you specify words (or a character string) to search for. If you don't know the file type or name, but know something of the contents of the file, try this search method.

Specifies that UnErase Wizard must find at least one of the words or character strings you specified in order to consider a deleted file a match for your search criteria.

Specifies that UnErase Wizard must find all of the words or character strings you specified in order to consider a deleted file a match for your search criteria.

If checked, UnErase Wizard will search for deleted files in subfolders (folders that are within the specified folder).

Lets you specify the place (drive or folder) where the file is located.

💡 Click the plus sign (+) to expand a drive or folder.

Stops the current search immediately. This may result in a partial listing of files matching your search criteria.

Above is the old file UECHLP.RTF. Below is the old file NPRBINFO.RTF.

**Introducing Norton Protection**

Norton Protection, which shows on your desktop as the Norton Protected Recycle Bin, enhances the standard Windows Recycle Bin by protecting more files from permanent deletion. UnErase Wizard allows you to recover these protected files.

The Recycle Bin only protects files or folders deleted while you are using Windows. The Norton Protected Recycle Bin additionally protects files that are deleted while you are using DOS, files created and deleted behind the scenes by Windows applications, and older versions of files you modify and overwrite. If the Recycle Bin is not enabled, Norton Protection also protects all files that would otherwise be under Recycle Bin protection.

Files shared on a network or stored on a network server and files deleted while using your computer after booting into DOS rather than Windows are not protected.

If you boot into DOS rather than into Windows, you may find that DOS reports less free disk space than you expected. This discrepancy is because DOS does not deduct for the space used by deleted file protected by Norton Protection.

▶  To configure Norton Protection, right-click the Norton Protected Recycle Bin icon on your desktop, and select Properties.

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{button ,AL(`About configuring the Norton Protected Recycle Bin;Introducing UnErase Wizard;',0,`',`')}   Related Topics

**About excluding or including files and folders**

Norton Protection automatically protects most files that are left unprotected by the Recycle Bin. Certain file types however, are excluded by default. For example, it generally makes sense not to protect the many temporary (TMP) files that Windows and Windows applications create and delete on a regular basis.

Norton Protection allows you to change the default exclusions, or add more of your own. You can also specify file types and folders to include (or not to exclude) in Norton Protection. For example, you may want to specifically include the ~$*.tmp back up files created by your word processor, even though they are technically temporary files.

▸　　To configure Norton Protection, right-click the Norton Protected Recycle Bin icon on your desktop, and select Properties.

{button ,AL(`Introducing Norton Protection;To exclude or include file types or folders',0,`',`')}　Related Topics

**About emptying the Recycle Bin**

Norton Protection is not a replacement for the Recycle Bin. Rather, it enhances the capabilities of the Recycle Bin by protecting additional files that would not otherwise be protected. It is important to remember that the two are distinct, and protect different types of files.

When you empty the Windows Recycle Bin, you are choosing to "really" delete all the files it contains. The files are removed from the Recycle Bin, and their subsequent recovery cannot be guaranteed. These files are not protected by Norton Protection.

However, even after you empty the Recycle Bin, those files that were protected by Norton Protection remain protected. To delete the files protected by Norton Protection, right-click the Norton Protected Recycle Bin and choose Empty Norton Protected Files from the context menu.

Emptying the Recycle Bin and the Norton Protected files are two different processes, and one does not affect the files protected by the other.

{button ,AL(`Introducing Norton Protection;About automatic purges;To empty protected files;To empty (purge) protected files after a specified number of days',0,`',`')}   Related Topics

**About automatic purges**

By default, Norton Protection purges a file after it has protected it for seven days. You can specify a different maximum age for protected files on the Norton Protection tab of the Recycle Bin Properties dialog box.

In addition, if you run out of space on a protected drive, Norton Protection automatically purges the least recently deleted files to free up disk space.

The Recycle Bin works independently from Norton Protection. So be sure to look at the maximum size of the Recycle Bin−click Properties on the context menu then click the Global tab
−to verify that it meets your requirements or preferences.

All disk usage statistics count the space used by the deleted files under Norton Protection as free disk space. (By contrast, space used by the Recycle Bin to protect files appears as used disk space. The Recycle Bin stores protected files in a hidden folder named Recycled.)

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{button ,AL(`To empty (purge) protected files after a specified number of days;To empty protected files;About emptying the Recycle Bin',0,)}   Related Topics

**To change the appearance of the Recycle Bin**

You can change the title of the Norton Protected Recycle Bin and you can enable or disable whether you want the Recycle Bin desktop icon to show the protection status.

1   Right-click the Norton Protected Recycle Bin.

2   Click Properties.

3   Click the Desktop Item tab.

4   In the Title text box, enter your new title.

5   To have the Recycle Bin show the protection status, check Show Norton Protection Status.

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{button ,AL(`About configuring the Norton Protected Recycle Bin;Introducing Norton Protection;To specify a double-click action for the Recycle Bin',0,`',`')}   Related Topics

**To specify a double-click action for the Recycle Bin**

You can set the double-click action to show recently deleted files or all protected files, or you can set it to open UnErase Wizard or to open the Recycle Bin as a standard Recycle Bin.

1   Right-click the Norton Protected Recycle Bin.

2   Click Properties.

3   Click the Desktop Item tab.

4   Click one of the options under Double-Clicking Item Opens.

{button ,AL(`About configuring the Norton Protected Recycle Bin;Introducing Norton Protection;To change the appearance of the Recycle Bin;About UnErase Wizard search-and-recover options',0,`',`')}   Related Topics

**To empty protected files**

To free up space on your system, you may occasionally want to empty protected files from the Norton Protected Recycle Bin. When you 'unprotect' files, they are still on your system, but your system can overwrite them at any time. Until they are overwritten you can use UnErase Wizard to recover them.

1  Right-click the Norton Protected Recycle Bin.

2  Click Empty Norton Protected Files.

Or:

1  Right-click the Norton Protected Recycle Bin.

2  Click Properties.

3  Click the Norton Protection tab.

4  Click Empty Protected Files.

To reclaim as much disk space as possible, use Space Wizard to get rid of unnecessary temporary and duplicate files, and more.

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{button ,AL(`About emptying the Recycle Bin;To empty (purge) protected files after a specified number of days',0,)}   Related Topics

**To exclude or include file types or folders**

To save space, you can configure Norton Protection exclude certain file types or folders from protection. You can also specify file types or folders to include in protection as you find it necessary.

1   Right-click the Norton Protected Recycle Bin.

2   Click Properties.

3   Click the Norton Protection tab.

4   Click Exclusions.

5   In the text box, first enter the exclusion or inclusion character:
    - For exclusions, type " - "

    - For inclusions, type " + "

6   Enter the file type or folder you want to include or exclude, using wildcards if you wish:
    - For a file type, enter the complete path followed by an asterisk (*) and the file extension (for example, `c:\work\budget\*.old`).

    - For a folder, enter the complete path in the field provided: the drive letter followed by a colon, a backslash, the folder name, and the name of each subfolder separated by a backslash (for example, `c:\work\junk`). Note that any subfolders, contained by folders you specify, are also excluded from Norton Protection.

    Your entries are evaluated in sequence. Matches found at the bottom of the list supersede previous matches. Any file type or folder that is not specifically excluded in the list is included by default.

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{button ,AL(`About excluding files;About configuring the Norton Protected Recycle Bin;About wildcards',0,`',`')}   Related Topics

**To disable Norton Protection**

By default, Norton Protection starts up automatically at Windows startup. To disable Norton Protection, follow the steps below.

1   Right-click the Norton Protected Recycle Bin.

2   Click Properties.

3   Click the Norton Protection tab.

4   Click Remove Norton Protection. Norton Protection will no longer be automatically enabled at Windows startup.

     You can re-enable Norton Protection at any time by specifying the drive settings on the Norton Protection tab and checking Enable protection.

{button ,AL(`About configuring the Norton Protected Recycle Bin;To enable protection for a drive',0,)}   Related Topics

When set, this option causes UnErase Wizard to open when you double-click the Recycle Bin.

When set, this option causes UnErase Wizard to open to a list of recently deleted files when you double-click the Recycle Bin.

When set, this option causes UnErase Wizard to open to a list of all deleted files that are under either Norton Protection or Windows Recycle Bin protection when you double-click the Recycle Bin.

When set, this option causes the contents of the Recycle Bin to be displayed when you double-click the Recycle Bin.

Determines the text that appears below the Recycle Bin.

If checked, the Recycle Bin icon shows whether Norton Protection is enabled, and if so, whether there are currently any protected files in the Recycle Bin.

Lets you select the drive for which you want to configure Norton Protection features.

If checked, enables Norton Protection for the selected drive.

If checked, Norton Protection removes files from protection after the specified number of days has elapsed. The number of days is counted from when the file was deleted. The file is then purged from the Norton Protection, making the file "really" deleted.

To change the duration of file protection enter a number in the box at the right or click the arrows to change the value.

ℹ️        Norton Protection does not purge files from the Windows Recycle Bin.

Lets you control how much drive space Norton Protection can use to protect deleted files. As you move the slider, the Space Reserved number changes.

Displays the total number of bytes of storage space on this drive.

Displays the number of bytes on this drive that Norton Protection can use to protect deleted files. This number changes as you move the slider.

Lets you specify the folders and file types that Norton Protection is not to protect.

Removes all files from Norton Protection, making the files "really" deleted.

ℹ️     This does not purge files from the Windows Recycle Bin.

Removes Norton Protection from your system. Subsequently, Norton Protection will not be activated automatically at system startup. To enable Norton Protection again, use the Norton Protection tab of the Recycle Bin Properties.

Removes protection from the currently protected files when Norton Protection is removed. If you check this option, these files will no longer be under Norton Protection.

This change does not affect the protected files in the Windows Recycle Bin.

Lets you specify a folder or a file type that you do not want placed under Norton Protection:

- For a folder, enter the complete path in the field below: the drive letter followed by a colon, a backslash, the folder name, and the name of each subfolder separated by a backslash (for example, `c:\work\junk`).
- For a file type, enter the complete path followed by an asterisk (*) and the file extension (for example, `c:\work\budget\*.old`).

Note that any subfolders, under folders you specify, are also excluded from Norton Protection.

Lists all file types and folders not under Norton Protection.

Lets you add a file or folder to the list of those not under Norton Protection. This command button is not available until you have entered text in the text box to the left.

Deletes the selected line from the exclusion list for Norton Protection. This command button is not available until you have selected an item from the list box.

Resets the list to show those file types excluded from Norton Protection by default. This will remove any custom inclusions or exclusion you have added.

💡     The default exclusions depend on what is installed on your system.

Tells UnErase Wizard to look for the names of all protected files (those protected by Norton Protection or by the Recycle Bin) for all users.

💡 This option is an administrator privilege only.

Displays all deleted files that met the selection criteria that you specified.

Displays the names of all protected files (those protected by Norton Protection or by the Recycle Bin) for all users.

💡 This option is an administrator privilege only.

**To enable protection for a drive**

You can specify the drives for which you want Norton Protection enabled. Use this option also to re-enable Norton Protection if you disabled it previously.

1   Right-click the Norton Protected Recycle Bin.

2   Click Properties.

3   Click the Norton Protection tab.

4   In the Drive Settings box, select the drive you want to protect and check Enable Protection.

{button ,AL(`To disable Norton Protection from Windows startup;About configuring the Norton Protected Recycle Bin',0,`',`')}   Related Topics

**To empty (purge) protected files after a specified number of days**

You can specify for which drive you want to enable Norton Protection. Use this option also to re-enable Norton Protection at Windows startup if you disabled it previously.

1  Right-click the Norton Protected Recycle Bin.

2  Click Properties.

3  Click the Norton Protection tab.

4  In the Drive Settings box, check Purge Protected Files and select the number of days you want Norton Protection to protect files.

{button ,AL(`About emptying the Recycle Bin;To empty protected files;About automatic purges',0,`',`')}   Related Topics

**About configuring the Norton Protected Recycle Bin**

You can configure the Norton Protected Recycle Bin as follows:

{button ,JI(`ue32.HLP>task',`NPROTECT_TASK_TITLE')}   **Change the appearance of the Recycle Bin**

You can change the title of the Norton Protected Recycle Bin desktop icon and you can specify how you want the Recycle Bin to open when you double-click it. It can open UnErase Wizard, it can open to show you deleted files or protected files, or it can open the Windows standard Recycle Bin.

{button ,JI(`ue32.HLP>task',`To_enable_protection_for_a_drive')}   **Enable Norton Protection for a specific drive**

You can specify the drives for which you want Norton Protection enabled.

{button ,JI(`ue32.HLP>task',`NPROTECT_TASK_EXCLUSIONS')}   **Exclude or include certain file types and folders from protection**

You can specify which file types and folders you want to exclude or include from protection. Norton Protection does not protect excluded file types or files in the excluded folders or their sub-folders.

{button ,JI(`ue32.HLP>task',`To_empty_protected_files_after_a_specified_number_of_days')}   **Specify the number of days after which to purge protected files**

By default, Norton Protection purges (deletes) protected files after 7 days. You can disable purging and you can change the number of days.

{button ,JI(`ue32.HLP>task',`NPROTECT_TASK_REMOVE')}   **To disable Norton Protection**

By default, Norton Protection starts when Windows starts up. When you disable Norton Protection it no longer protects your files but is available on your system to be re-enabled.

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{button ,AL(`Introducing Norton Protection;Introducing UnErase Wizard',0,`',`')}   Related Topics

**About wildcards**

When you enter file types and folders in the Norton Protection Exclusion dialog box, or in Unerase Wizard's search criteria text boxes, you can use wildcard characters to simplify the entry process. Here are a few examples:

- " ? " matches any single character. For example, type ?temp to describe folders called ATEMP, BTEMP, and so on.
- " * " matches zero or more characters, except \. For example, type \TEMP\* to describe all files in the TEMP folder (\TEMP\file.txt), but no subfolders (\TEMP\DIRA\).
- " ** " matches any characters including \. For example, type \TEMP\** to describe all files in the TEMP folder and all files in its subfolders (\TEMP\DIRA\file.txt).
- " \ " typed as the first character in the string matches all drives. For example, type \TEMP to describe files in the C:\TEMP and D:\TEMP folders.
- " \ " typed as the last character indicates that the final path element is a folder. For example, c:\TEMP.DAT\ describes folders named TEMP.DAT. Without the last \, Norton Protection assumes temp.dat is a file.

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{button ,AL(`Introducing Norton Protection;To exclude or include file types or folders',0,`',`')}   Related Topics

**Welcome to UnErase Wizard**

UnErase Wizard helps you recover deleted files that are protected by Norton Protection, the standard Windows Recycle Bin, or Novell's Salvage (for recovery of files on a network). If a file is recoverable but cannot be recovered automatically, UnErase Wizard can help you reconstruct it.

Choose which files you want Unerase Wizard to search for from this screen.
▶    Select one option, then click Next to continue.

**Find recently deleted files**

Search for the last 25 files that were deleted regardless of whether or not they were protected by the Norton Protected Recycle Bin. If you don't find the file you're looking for, you can continue searching for all protected files.

**Find all protected files on local drives**

Search for all files protected by the Recycle Bin and by Norton Protection. The latter are files you normally can not recover from the Recycle Bin−for example, overwritten files or files deleted from a DOS dialog box.

**Find any recoverable files matching your criteria**

Search for files based on criteria you select, including filename, file type, file location, or file contents. This option also allows you to search for "unrecoverable files." These are deleted files whose data may still be located in unused disk space.

    If you chose to wipe free space when Speed Disk optimized your drives, UnErase Wizard will not find data from files that were deleted before you ran Speed Disk.

**Recently Deleted Files**

UnErase Wizard displays a list of the 25 most recently deleted files displays on this screen. Each file is described by its name, original location, date it was deleted, file type, file size and the program that was used to delete it.

**To view a file or select files to restore:**

1  Select a file you want to view, then click QuickView to see the file. You must have QuickView installed to use this feature.

2  Select any files you want to restore, then click Recover. The selected files are restored to the folder from which they were deleted.

3  Do one of the following:
   If you found all the files you want to recover, click Finish.
   Or,
   To search for more deleted files, click Next to continue.

🔆   To change the location where a file is to be restored, right-click the file and choose Restore to. Select Properties to see the file properties, or Delete to delete the file permanently.

**All protected files on this computer**

UnErase Wizard displays the list of all files protected by the Recycle Bin and by Norton Protection on this screen. Each file is described by its name, original location, date it was deleted, file type, file size, and the program that was used to delete it.

**To view a file or select files to restore:**

1  Select a file you want to view, then click QuickView to see the file. You must have QuickView installed to use this feature.

2  Select any files you want to restore, then click Recover. The selected files are restored to the folder from which they were deleted.

3  Do one of the following:
   If you found all the files you want to recover, click Finish.
   Or,
   To search for more deleted files, click Next to continue.

To add other columns of information to the display, right-click the file list box (but not on a filename) and choose items from the context menu.

**What is the filename?**

UnErase Wizard allows you to search for a file by its name.

- If you know some or all of the name of the deleted file that you want to recover, enter it in the text box and click Next to continue. You can use the following wildcards:
- Question Mark (?) matches any single character. For example, ?temp finds folders such as ATEMP, BTEMP.
- Asterisk (*) matches zero or other characters except backslash (\). For example, TEMP.* searches all files with the base name TEMP and any extension, such as TEMP.DOC, TEMP.BAT.
- If you do not know the filename, click Next to continue and choose other criteria on which to search.

**What is the file type?**

UnErase Wizard allows you to search for a file by its type, such as a text file, a help file, a bitmap file, and so on. A file's type can be identified by the last three characters in a filename. For example, Microsoft Word files are named *.DOC, and text files are named *.TXT.

- If you know the type of the deleted file that you want to recover, select it from the list and click Next to continue.
- If you do not know the file type, click Next to continue and choose other criteria on which to search.

**What words are in the file?**

UnErase Wizard allows you to search for a file by its contents. You can search for any text that the file might contain (for example the subject of a document or spreadsheet, or maybe some keywords that you remember).

**To choose which files Unerase Wizard should search for:**

1   Enter the text you wish to search for.

2   Select one option:

**Must contain at least one word**

Search for files that contain at least one of the words you entered.

**Must contain all the words**

Search for files that contain all the words you entered.

3   Click Next to continue.

🟡      If you do not remember any text that the file might contain, click Next to continue and choose other criteria on which to search.

**Where was the file located?**

UnErase Wizard allows you to search for a file by its location when it was deleted. You can restrict the search to a drive or a folder on your computer or on any network computer you have access to.

**To choose where you want Unerase Wizard to search:**

1  Select a drive or folder.

2  To have Unerase Wizard search subfolders of the drive or folder you select, check Look in subfolders. Uncheck this option if you do not want subfolders searched.

3  Click Next to continue.

🔆      If you do not know where the file was located, click Next to continue and choose other criteria on which to search.

**Deleted Files Matching Your Criteria**

UnErase Wizard displays the list of protected files that match your criteria on this screen. Each file is described by its name, original location, date it was deleted, file type, file size and the program that was used to delete it.

**To view a file or select files to restore:**

1   Select a file you want to view, then click QuickView to see the file. You must have QuickView installed to use this feature.

2   Select any files you want to restore, then click Recover. The selected files are restored to the folder from which they were deleted.

3   Do one of the following:
    If you found all the files you want to recover, click Finish.
    Or,
    To search for more deleted files, click Next to continue.

⦿       To change the location where a file is to be restored, right-click the file and choose Restore to from the context menu. Choose Properties to see the file properties, or Delete to delete the file permanently.

**Scan Unused Disk Space**

UnErase Wizard allows you to search the space marked as "unused" on your local disk. It may take a few moments to scan this area, but the process can help to recover large portions of deleted files deemed "unrecoverable." These are deleted files whose data may still be located in unused disk space.

- Click Next to scan the entire unused area of your system for deleted files.
- If you chose to wipe free space when Speed Disk optimized your drives, UnErase Wizard will not find data from files that were deleted before you ran Speed Disk.

**Deleted files from unused disk space**

UnErase Wizard displays the list of deleted files that are located on your computer's unused disk space on this screen. Each file is described by its name, original location, file type, and file size. The date it was deleted and the program that was used to delete it will always be "Unknown" when files are found in disk space.

**To view a file or select files to restore:**

1  Select a file you want to view, then click QuickView to see the file. You must have QuickView installed to use this feature.

2  Select any files you want to restore, then click Recover. The selected files are restored to the folder from which they were deleted.

3  Do one of the following:
   If you found all the files you want to recover, click Finish.
   Or,
   To search for more deleted files, click Back.

●　　You will not be able to view or recover all of the files on the list. Some disk space may already have been overwritten with new data.

●　　To add other columns of information to the display, right-click the file list box (but not on a filename) and choose items from the context menu.

**Unerase is finished finding files**

Unerase Wizard has located all the files that match the criteria you specified.
- If you have found all the files you are looking for, press Finish to exit. To search for other files, press Back until you reach the Wizard screen you want to use.