



## **Stellar Phoenix File Recovery Plus**

Version 4.0

**User Guide**

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## Overview

Stellar Phoenix File Recovery Plus is a complete solution to recover deleted data from hard disk. However, Microsoft Windows Operating Systems (OSs) should be installed on hard disk to recover deleted data by using Stellar Phoenix File Recovery Plus. It recovers data from hard disk, logical volumes of hard disk and removal media such as pen drive.

It allows you to resume recovery at any time by using image (.img) file. Two types of image file can be used - scan information file and image of hard disk or volume.

Another feature that is available in this software is email recovery. Email supported by Microsoft Outlook and Microsoft Outlook Express email programs can be recovered by using Stellar Phoenix File Recovery Plus.

You can view status of hard disk and create image of hard disk. Also, image of volumes can also be created by using this software. Images can serve as backup media, since, you can save images and can recover data from them at any time. In addition, you can also create an exact replica of hard disk by using cloning feature of Stellar Phoenix File Recovery Plus.

Raw recovery feature of this software allows you to recover data from an entire hard disk and volumes. You can add file types such that required files should be found after scanning.

### **Key Features of Stellar Phoenix File Recovery Plus:**

- Recovery of deleted data
- Recovery of data from removable media such as pen drive
- Restart recovery at any time
- Recovery of deleted email, which are supported by Microsoft Outlook and Microsoft Outlook Express
- Cloning of hard disk
- Image creation of hard disk or volume, in addition, image of selected region of hard disk or volume
- Statistics of hard disk



## Getting Started

Stellar Phoenix File Recovery Plus provides you different options for recovering data. You can recover deleted email supported by Microsoft Outlook and Microsoft Outlook Express email program.

In addition, you can view the status of hard disk and recover data from selected region of hard disk. You can create image of volumes and hard disk. You can also make an exact copy of hard disk.

- [Installation Procedure](#)
- [Order and Register](#)
- [Starting the software](#)
- [User Interface](#)



## Installation Procedure

Before installing the software, ensure that your system meets the minimum system requirements:

- **Minimum System Requirements**

**Processor:** Pentium Class

**RAM:** 128 MB minimum

**Hard Disk:** 35 MB

**Operating Systems (OSs):** Windows 2000/2003/XP/Vista

### To install the software:

1. Double-click **Stellar Phoenix File Recovery Plus.exe** file to start the setup process. The Setup - Stellar Phoenix File Recovery Plus dialog box opens. Click **Next**.
2. In the License Agreement screen, select **I accept the agreement** option. The Next button will be enabled. Click **Next**.
3. In the Select Additional Tasks screen, check the required check boxes. Click **Next**.
4. In the Select Destination Location screen, provide the path by using Browse button where the setup files will be stored. Click **Next**.
5. In the Start Menu Folder screen, provide the path by using Browse button where the program's shortcuts will be stored. Click **Next**.
6. In the Ready to Install screen, review the settings. Click **Back** to change settings. After confirming the settings click **Install**. The Installing screen shows the installation process.
7. After completing the process, the Completing the Stellar Phoenix File Recovery Plus Setup Wizard screen opens. Click **Finish**.



**Note:** You can clear the Launch Stellar Phoenix File Recovery Plus check box to stop the automatic launch of the software.

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## Order and Register

**To know how to order and register:**

- [How to Order?](#)
- [How to Register?](#)



## How to Order

The software can be purchased by making payments online using a credit card. Please visit <http://www.stellarinfo.com/deleted-file-recovery.htm> for more information and to place an order.

Alternatively, if the demo version is installed then you can register the demo version. To

register the demo version click **About** icon , click **Register** button to start the [registration process](#).

Once the registration is complete, an activation serial number along with activation details is sent through email. This activation serial number is required to register the software.



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## How to Register?

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### Notes:

If the software is downloaded from <http://www.stellarinfo.com/disk-recovery-prices-deleted-file-recovery.htm?Order> (i.e., ESD version), for the full functionality, the product must be registered using Serial Number (received through email after purchasing the product).

If the software is installed using the product installation CD (i.e., BOX

version), hardware lock[  ] is mandatory for the functioning of the software which is available with the software kit.

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After purchasing the software, you will receive the serial number, which is required to register the software. The serial number will be verified during the registration process and if the serial number is valid then the software will be registered.

The software can be registered in different ways. These are the methods by using which you can register the software:

- [Over internet](#)

You should have the serial number, which is received after purchase of the software. On entering the serial number it is verified by license server and on verification the software will be registered.

- [Manual Activation](#)

You will need to generate a PHG.TXT file and mail the .txt file to [support@stellarinfo.com](mailto:support@stellarinfo.com). After verifying the serial number and purchase details of the software, the site key will be delivered to you at your email address. This site key is used to register the software manually.


- [Using Email](#)

If the registration of the software by using Online Registration or Manual Activation is not successful then you can still register the software by using email. An email will be sent to [support@stellarinfo.com](mailto:support@stellarinfo.com) either automatically or manually by the Stellar Phoenix - Electronic Software Registration wizard. The software will be registered automatically, when Internet connection is available on your computer.



## Registration over Internet

### To register the software over Internet:

1. Click **About**  icon , click **Register** button. The Stellar Phoenix dialog box opens, check the **I have the registration key** checkbox and select **Online registration** option. Click **OK**, and then click **Yes**.
2. In the Welcome to Stellar Phoenix - Electronic Software Registration wizard, click **Next**.
3. Type the Serial number (received through email after purchasing the product) in the Serial number text box. Click **Next**.




4. The software would automatically communicate with license server and register the software. Click **Finish** to complete the registration process.

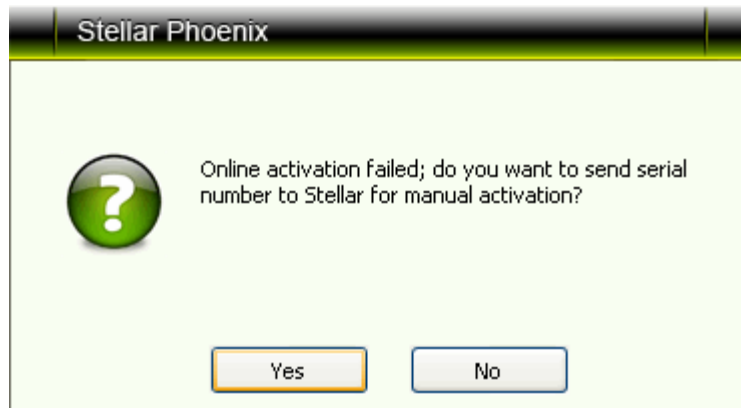
Note: If online activation is failed then you can send the serial number, which is received after purchase of the software, to [support@stellarinfom.com](mailto:support@stellarinfom.com) for registering the software by using manual activation.



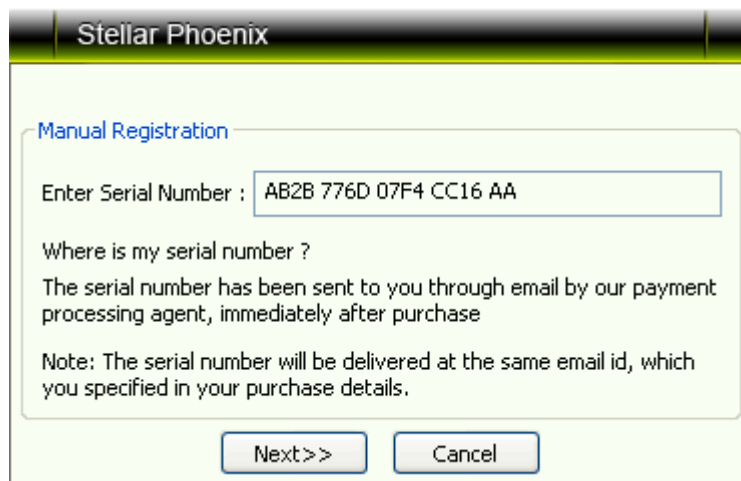
## Manual Activation

To register the software by using manual activation process:

1. Click **About**  icon , click **Register** button. The Stellar Phoenix dialog box opens, check the **I have the registration key** checkbox and select **Online registration** option. Click **OK**, and then click **Yes**.
2. In the Welcome to Stellar Phoenix - Electronic Software Registration Wizard, click **Cancel**. In the Stellar Phoenix dialog box, click **Yes**.




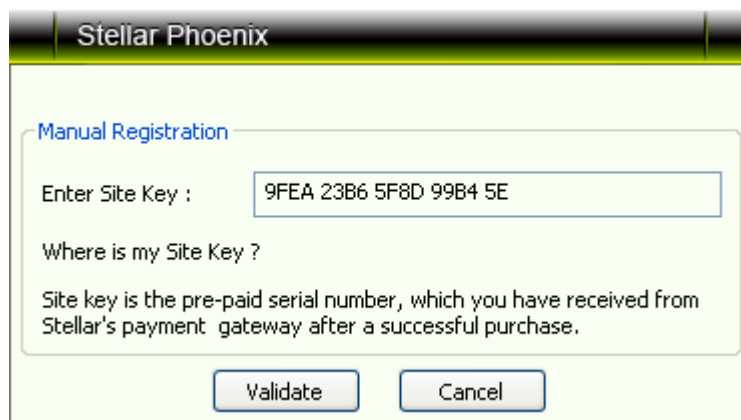
3. In the Manual Registration screen, enter the serial number that is received after the purchase of the software. Click **Next**.



4. A PHX\_REG.txt file will be created on desktop. Email the text file to the email [support@stellarinform.com](mailto:support@stellarinform.com) address. You can click the link given in the screen to

start to automatically compose the email for the given email address. Click **Finished**.

5. After verifying the purchase details, you will receive the site key that is required to register the software by using manual activation.
6. When you receive the site key, open Stellar Phoenix File Recovery Plus, Click  icon, click **Register** button. The Stellar Phoenix dialog box opens, check the **I have the registration key** checkbox and select **Manual Registration** option. Click **OK**.
7. In the Manual Registration screen, type the site key, which is received after sending the PHX\_REG.txt file. Click **Validate** to register the software.



Stellar Phoenix

Manual Registration

Enter Site Key : 9FEA 23B6 5F8D 99B4 5E

Where is my Site Key ?

Site key is the pre-paid serial number, which you have received from Stellar's payment gateway after a successful purchase.

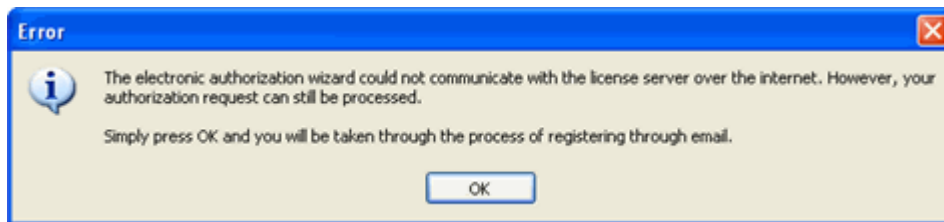
Validate Cancel



## Registration by using Email

### To register the software by using email:

If you receive the given below error dialog box, then click **OK** to start the registration process by using email.



In the Stellar Phoenix - Electronic Registration Wizard, click **Next** if you want to send email automatically for requesting the site key or check the **Manually send email** checkbox if you want to send the email manually.

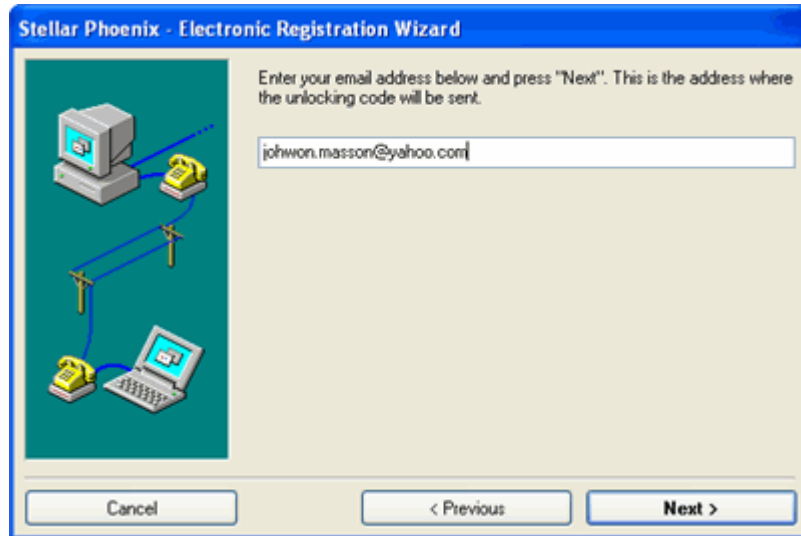
- **Manually Send Email**

1. In the Stellar Phoenix - Electronic Registration Wizard, check the **Manually send email** checkbox and click **Next**.
2. Follow the instructions as given in the Stellar Phoenix - Electronic Registration Wizard. After clicking **Finish**, click **send** button in your email client to send the email.

The software will be registered automatically, when Internet connection is available on your computer.

- **Automatically sending email**

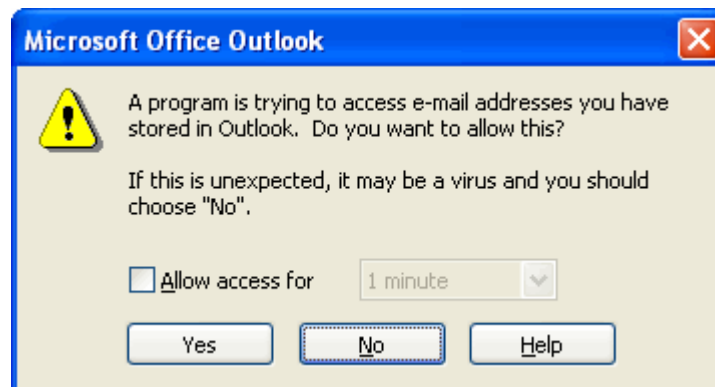
1. In the Stellar Phoenix - Electronic Registration Wizard, click **Next**. Type your email address in the textbox. The unlocking code will be sent to this email address. Click **Next**.



2. In the Verify Email Address screen, verify the email address you have entered and click Yes.



3. If your email client is blocking the process the following dialog box appears, it depends on your email client here Microsoft Outlook example is given. Click **Yes**, and then click **Finish**.



The email will be automatically send. The software will be registered automatically, when Internet connection is available on your computer.

**Note:** If you click Previous button then you will need to type the serial number, which is received after purchase of the software and email address, the remaining procedure is same as mentioned above.



## Starting the Software

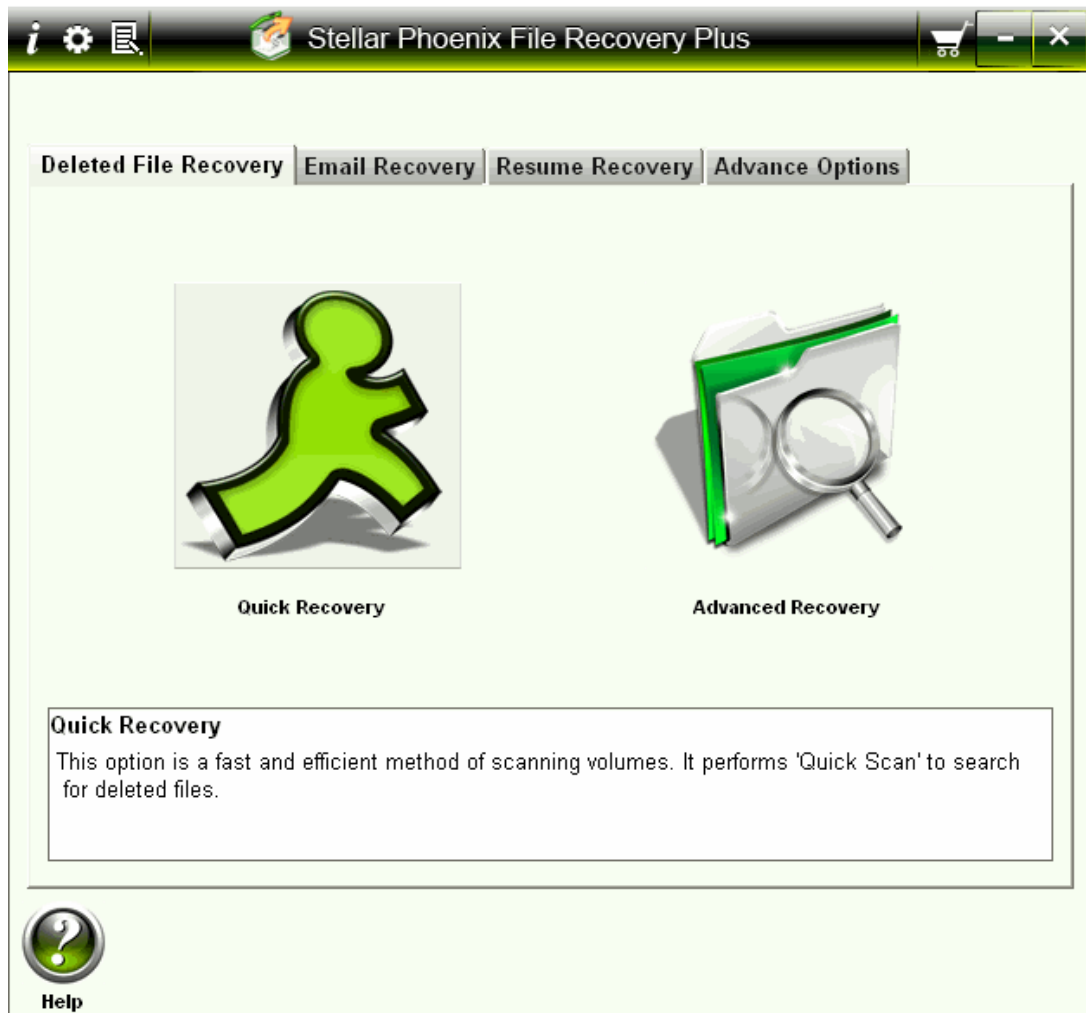
**To start the software, do one of the following:**

- Click **Start**, point to **All Programs**, select **Stellar Phoenix File Recovery Plus**, and then click **Stellar Phoenix File Recovery Plus**.
- Double-click the shortcut icon of **Stellar Phoenix File Recovery Plus** on the desktop.
- Click **quick launch** icon of **Stellar Phoenix File Recovery Plus** on the taskbar.



## User Interface

Stellar Phoenix File Recovery Plus software's main user interface is as shown below.


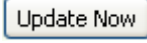




## Configuring Settings

You can change general settings of the Stellar Phoenix File Recovery Plus Software.

### To configure Stellar Phoenix File Recovery Plus:


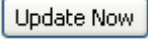
- Open Stellar Phoenix File Recovery Plus. Click  . Under General Settings tab, configure general options:
  - **Disk Temperature:** select either Fahrenheit or Celsius. The disk temperature will be shown in the selected unit when you view the [drive Status](#).
  - **Show 'Tip of the Day' checkbox:** check this checkbox to view tip at software startup
  - **Check for 'Latest Updates' at startup:** check this checkbox to receive latest updates for the software. You can also click  to launch Stellar Phoenix update wizard. This wizard automatically detects new updates available for the software and download available updates.
  - **Log Settings:** check the **Save log before closing application** checkbox to automatically save log of processes. Click **Browse** to specify the destination where log files should be saved.
  - **Scan Settings:** Use arrows to increase or decrease the number of read attempts. Scanning process will try to scan the hard disk up to the number of attempts specified in this box.
  - **Language:** Click **Set interface language** listbox to set the language of software.
- Click **Add File Types** tab to [add](#), [remove](#), or [edit](#) file type. This will become the default settings. However, you can change file types settings as per your requirement during raw recovery.
- Click **Manual Activation** tab to register the software manually.



## Stellar Phoenix Update Wizard

The Stellar Phoenix Update Wizard keep your Stellar Phoenix applications updated. Update option in the application is capable of checking the latest updates. This will check for both latest minor and major version available online. You can easily download minor version through the update wizard. However, the major version available has to be purchased. While updating the software, it's recommended to close all the running programs.

### To start Stellar Phoenix Update Wizard:

1. In the Stellar Phoenix File Recovery Plus main screen, Click  icon. Under General Settings tab, click  button.
2. Stellar Phoenix Update Wizard window pops up. Click **Next** to proceed.
3. The wizard will start searching for the latest updates and if it finds any new version, a window pops up indicating the availability.
4. Click **Next**, the software will start downloading the update files from the server. When the process is complete, the software will upgrade to the latest version.

### Live Update may not happen due to following reasons:

- Internet connection failure
- Updates are not available
- Unable to download configuration files
- Unable to locate updated files or version
- Unable to locate executable file



**Note:** If major version is available, to upgrade the software you have to purchase it.

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## Using the Software

Stellar Phoenix File Recovery Plus software recovers data from hard disk or removable media. You can recover deleted email supported by Microsoft Outlook and Microsoft Outlook Express by using this software. In addition, image of hard disk and volumes can also be created by using this software. Cloning is another feature that is available in Stellar Phoenix File Recovery Plus. To learn more, view:

- [Recovering Data](#)
- [Resuming Recovery](#)
- [Recovering Email](#)
- [Cloning and Image](#)
- [Performing raw recovery](#)
- [Drive Status](#)



## Recovering Data

Stellar Phoenix File Recovery Plus provides you two options to recover your data. Quick Recovery and Advance Recovery are the two recovery methods available with this software. Both methods are different as they apply different scanning process.

Quick recovery performs a quick scan on selected volume. This option's scanning process is fast. You will found almost all the deleted data by using this option.

Advance Recovery option performs a deep scan on the selected source. This scanning process is slow but more efficient than Quick Recovery in finding deleted data.

- [Quick Recovery](#)
- [Advance Recovery](#)



## Quick Recovery

Quick Recovery option of Stellar Phoenix File Recovery Plus software performs a quick scan on the selected volumes and on removable media. You can select only one volume at a time for quick scan. This scan method is fast and efficient. You will find almost all data by performing a quick recovery on selected volume or removable media. You can also load an image file to perform quick recovery.

### To perform quick recovery:

1. In the Stellar Phoenix File Recovery Plus screen, under Deleted File Recovery tab, select **Quick Recovery**.
2. In the Select Volume screen, all logical volumes that exist in hard disk will be listed. In addition, all removable media are also listed in this screen. Select a volume or removable media, click **Start Scan**.
3. A quick scan will be performed on the selected volume or removable media and all files that are found in the selected volume or removable media are shown in a three-pane structure. In the left pane, a tree structure according to folders is created. Top right pane shows preview of files. In bottom-right pane, all files that are stored in folders are listed. Double-click a folder to view files stored in that folder. Click a file from bottom-right pane to preview the file.
4. You can use these features of Stellar Phoenix File Recovery Plus after scanning process is completed- Mask, Save Scan and Find. Mask feature can be used to narrow the scan result. A new tree will be created based on the file extensions when you apply mask. You can save the result of scanning process by using the save scan feature. You can restart recovery by using this scan information file later. Find feature can be used to search files from the scan result. You can save all files or individual files at preferred location.

- **To select all files**

- Click **Select All**, and then click **Recover**.

- To select individual files**

1. Click a folder in the left pane to view files stored in it.
2. Check checkboxes of file names, and then click **Recover**.

- 1. To recover selected folders and files included in them**

- Check the folder name checkbox in the left pane, and then click **Recover**.

You can also Add Filter to save only required files from the selected folder or files. In the Choose Destination screen, click **Add Filter** to add files types that should be saved. All other files that has different extension as added in the Add File Filter box will not be saved.

5. In the Choose Destination screen, select destination to save files. In addition, you can save files in a compressed zip folder by using Compression Option. Click **OK**.

The selected files will be saved at the specified location. Navigate to the destination to view files.

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**Notes:**

- You can only load an image file of volume. You cannot load an image file of hard disk in Quick Recovery.
  - You cannot save an empty folder. There should be at least one file in a folder to save the folder.
-



## Advance Recovery

Advance recovery option performs an extensive search on the selected volume. Advance recovery option is slow but more efficient in searching deleted data. You will find almost all data from the selected source volume.

### To perform advance recovery:

1. In the Stellar Phoenix File Recovery Plus screen, Under Deleted File Recovery, click **Advance Recovery**.
2. In the Select Volume screen, select a volume or removable media to scan for deleted files. Click **Start Scan**.
3. Scanning process will start on the selected volume or removable media. All files that are found are shown in a three pane structure. In the left pane, a tree structure according to folders is created. Top right pane shows preview of files. In bottom-right pane, all files that are stored in folders are listed. Double-click a folder to view files stored in that folder. Click a file from bottom-right pane to preview the file.
4. You can use these features of Stellar Phoenix File Recovery Plus after scanning process is completed- [Mask](#), [Save Scan](#) and [Find](#). Mask feature can be used to narrow the scan result. A new tree will be created based on the file extensions when you apply mask. You can save the result of scanning process by using the save scan feature. You can restart recovery by using this scan information file later. Find feature can be used to search files from the scan result. You can save all files or individual files at preferred location.

- **To select all files**

- Click **Select All**, and then click **Recover**.

- To select individual files**

1. Click a folder in the left pane to view files stored in it.
2. Check checkboxes of file names, and then click **Recover**.

- 1. To recover selected folders and files included in them**

- Check the folder name checkbox in the left pane, and then click **Recover**.

You can also [Add Filter](#) to save only required files from the selected folder or files. In the Choose Destination screen, click **Add Filter** to add files types that should be

saved. All other files that has different extension as added in the Add File Filter box will not be saved.

5. In the Choose Destination screen, specify the location where files should be saved. In addition, you can save files in a compressed zip folder by using Compression Option. Click **OK**.



**Notes:**

- You can only load an image file of volume. You cannot load an image file of hard disk in Advance Recovery.
  - You cannot save an empty folder. There should be at least one file in a folder to save the folder.
-



## Applying Filter

Filters allow you to select files on the basis of extensions. You can include, exclude or remove files by applying filter. Scanning process shows every file that is found during the scanning process. You can apply filter to save only required files. File extensions that are added in the Add File Filter box will only be saved. All other files will be excluded when files are saved at destination.

### To apply filter:

1. When scanning process is completed, select folders or files that needs to be recovered. Click **Recover** icon, and in the Choose Destination box, click **Filter**.
2. A list of extensions categorized according to file types is available in **Enter File Basis** drop-down box. Select a group from **Enter Filter basis** listbox. Click **Add**. All extensions under that group will be listed in bottom box.

- **Remove**

This option removes the selected extension from the left pane. Select an extension and click **Remove**. Files that are having the same extension will not be included when you save recovered files.

- **Include**

This option includes the selected file extension. Select an extension from left-pane and click **Include**. Files that are having the same extension will only be included when you save recovered files. All files with extension other than the selected extension will not be included when you save recovered files.

In addition, you can include an entire group from the Enter File Basis box. Select a group from Enter File Basis, click **Add** and then click **Include**. All extensions are added to the filter.

- **Exclude**

This option excludes the selected file extension. Select an extension from left-pane and click **Exclude**. Files that are having the same extension will be excluded when you save recovered files. All files with extension other than the selected extension will be included when you save recovered files.

In addition, you can exclude an entire group from the Enter File Basis box. Select a group from Enter File Basis, click **Add** and then click **Exclude**. All extensions are removed from the filter.

You can also add a file extension other than the available extensions. Type in the **Enter File Basis** listbox and click **Add**.

Files that are selected for recovery will be filtered on applying filter. Only those files will be saved that has matching extension as added in the Enter File Basis box. All other files that are selected for recovery will be excluded if their extension is different from extensions added in the Enter File Basis box.

For example, in the Data Recovery screen, you have selected a folder that has different file types such as doc, avi, mp3. Click **Recover**. In the choose Destination box, click **Add Filter**. In the Add File Filter box, in the Enter File Basis box type an extension such as .doc. Click **Add**, and then click **Include**. Specify the destination and click **OK**. Files that are having the .doc extension will be saved only. All other files that exist in the folder, which is selected in the Data Recovery screen, for recovery will be excluded. This means filter feature saves only files that have matching extension as added in Add File Filter box. All other files selected for recovery will be excluded if extensions are different.



## Applying Mask

Mask allows you to narrow the scan result. After completion of scanning process, all scanned files are listed in a tree structure. You can apply mask to create a new tree structure from the existing tree structure according to file types. The new tree structure will only contain the selected file types. For example, you want to view and recover only Microsoft Word documents. Scanning process shows you all scanned files in a tree structure. You can apply mask to create a new tree structure that will contain only Microsoft Word documents.

You can view the original tree structure that is created after scanning by removing mask. This will automatically shows the original tree structure shown after scanning.

### To apply mask:

1. When the scanning process is completed, click **Mask**.
2. In the Set File Mask screen, define values
  - Files of type:** Type the extension of required files such as .doc, .avi in the textbox. The new tree will only contain files that are specified in this box.
  - Check the required checkboxes:
    - Match Case:** to search according to the typed text
    - Deleted File:** to search the typed text in deleted files' name
    - Existing Files:** to search the typed text in existing files' name
  - Size from (KB):** to search files according to file size. Type the limits in textboxes.
  - Date:** To search files according to date
    - Date list box:** select any of the three option from date list box - **Created Date, Last Access Date, Modified Date**
    - in the last months:** specify number of months in this box
    - in the last days:** specify number of days in this box
    - between:** specify time period

3. Click **OK**. A new tree structure will be shown according to the values defined in mask screen.
- 



**Notes:**

- You can define one or all values in Mask screen.
  - In the Files of Type textbox, the \*. should be present to enable OK button, whether, any file extension is typed or not in this textbox.
-



## Finding Files

You can search files in the list of files shown after scanning process. If you want to recover specific files from the list of scan result you can use Find button. This option provides you various options for searching required files.

### To search files:

1. In the Data Recovery screen, click **Find**.
2. In the Find screen, type text in the **Enter file type(s) delimited by semi-colons** textbox. Check the **Deleted File**, **Match Case** and **Existing Files** checkboxes such that typed text should be searched in these file names. Click **Search Now**.
3. File that contains the typed string will be highlighted in the Data Recovery screen. Press **F3** to highlight the next file that contains the same or relative text.

## Advanced Options

Advanced option of Find option enables you to search files according to the date criteria and size of file. You can define size of file in KB textbox such that, search should be performed on the basis of defined size. You have two option for size, either the file should not exceed the defined size or at least of the defined size.

Date search provides you three options- Last Access Date, Last Modified Date or Created Date for searching required file. Select **Last Access Date** to search file according to the last accessed date. Select **Last Modified Date** to search file according to the last modified date. Select **Created Date** to search file according to the creation date of file. In addition, you can specify number of days, number of months or time interval for any of the selected date option.

### To search files by using advanced options:

1. In the Find screen, click **Advanced**.
2. Check either

#### 1. Size Checkbox

Select this checkbox to search required file according to its size. Click **Size** listbox and select either **at least** or **at most** option. Type numeral number in the KB textbox.

#### ▪ Date Checkbox

Select this checkbox to search required file according to date. In the date listbox, you can select any of the option - **Created Date**, **Last Access Date** and **Modified Date** from date listbox. After selecting the required option, select any of the option - **in the last month** to specify number of months, **in the last days** to specify number of days and **between** to specify a time interval. Use up and down button to increase or decrease numbers or type in boxes.

3. Click **Search Now**. The file, if found, will be highlighted in the Data Recovery screen.
- 



#### **Notes:**

- You should specify text in the **Enter file type(s) delimited by semi-colons** textbox to enable the **Search Now** button.
  - You can also apply Size and Date options in a single search.
-



## Saving Scan Information

You can save scan result of any scanning process as an image (.img) file. You can save scan result of a complete or incomplete recovery process. If you stopped a scanning process, you can save scan information up to that point. However, you should perform complete scan, and then save scan result.

Saving scan information saves your time. Since, you will not need to scan the same drive again. You can resume recovery by selecting the image file.

### To save scan information:

1. Click **Save Scan**.
2. In the Save scan information dialog box, browse to the location where image file should be saved. Type the name of the image file in the File name textbox. Click **Save**.



**Note:** You will also be prompted to save scan information when you click **Back** button or close Stellar Phoenix File Recovery Plus after a completed scanning process.

---



## Specifying Destination

You can save recovered files either to local hard disk or to a File Transfer Protocol (FTP) server. You can also apply compression option to recovered files.

- **To save recovered files to local hard disk**

Select **Recover to local drive** option. Click **Browse** to specify the location where files should be saved. Click **OK** twice.

- **To save recovered files to FTP server**

1. Select **Recover to FTP server** option. Click **FTP** Option.
2. Provide the required values such as Server Name/ IP Address, Port No., Username and Password.
3. Click **Browse**, select a folder and click **OK** three times.

## Applying Compression

You can save recovered files in compressed zip folders. However, you can only apply compression if recovered files are saving to local disk drive.

- **To apply compression option**

Check the **Create compressed file** checkbox. Select:

- **Compress each file individually**

This option saves all selected file in their corresponding zip folder.

- **Compress to a single file**

This option saves all recovered files in a single zip folder.



## Resuming Recovery

Resume recovery allows you to restart recovery by using either

- [Scan information file](#)
- [Image file](#)

Both, the [scan information file](#) and [image of a drive](#) are saved as an image file (.img). You can use an image file to restart recovery at any time.

You should save scan information file and image file of a drive at different locations with proper naming such that you can easily retrieve the required file for restarting recovery.



## Using Scan Information File

Scan information file contains the information of a scanning process. The scan information file is saved as an image file (.img). You can save scan information file during any completed or incompleted recovery process. You can use an image file to restart recovery at any time. For example, you saved image file of a scanning process and recovered only some files from that scan result. Later, you want to recover some more files from the same drive. You can use the saved image file to restart recovery.

Using a scan information file saves time, since, scanning process does not take place. All files and folders that are shown in earlier scanning process will be shown on loading an image file. In addition, if you have performed scanning process but not saved any files then you can use image file to restart recovery at some other time.

You should remember that the image file you are using to restart recovery is of which recovery process. Since, you cannot perform a different recovery process by using a different image file. For example, an image file of quick recovery process restarts quick recovery not advance recovery.

### To resume recovery by using scan information file:

1. Click **Resume Recovery** tab and then click **Browse**.
2. In the Open dialog box, locate and select the scan information file, and then click **Open**.
3. Click **Continue**, all folders and files are listed in the Data Recovery screen. Recover required files.



#### Note:

- Image file of a hard disk or volume created by using [create image](#) option of Stellar Phoenix File Recovery Plus is used to recover data. If you have saved the result of scanning process of image file during any recovery process then you can select that scan information file in resume recovery option and can perform either [Quick Recovery](#) or [Advance Recovery](#).
-



## Using Hard Disk or Volume Image

Drive image is the image of a hard disk, CD, DVD, pen drive or volume of a hard disk, or selected region of the listed sources, created by using Drive Imaging option of Stellar Phoenix File Recovery Plus. This image is saved as an image file (.img). When you create an entire image of selected region of a source, scanning process is not performed, instead, a copy of the selected source is saved as .img file. You can start recovery either after completion of drive imaging or at later time by using resume recovery option.

Scanning process will be performed if the image file is not used for recovery process. For example, you created an image of a hard disk and saved it. But you did not performed any recovery process. In this case, first scanning process will be performed. You can save scan information after first scanning, and use the scan information file to restart recovery.

### To restart recovery by using hard disk image:

1. Click **Resume Recovery** tab, and then click **Browse**.
2. In the Open dialog box, locate and select the image file of a hard disk, and then click **Open**.
3. Click **Continue**, In the Select Volume screen, click on a volume name to select the volume and, then click **Start Scan**. Select either - **Quick Recovery** or **Advance Recovery**.
4. All folders and files will be listed in the Data Recovery screen. Recover required files.



### Notes:

- If you have created an image of small region of hard disk then there may be a case that no volume will be shown after you select the image for recovery. When you create image of hard disk then all volumes of that hard disk are displayed in Select Volume screen. You select a volume then you can perform Quick Recovery or Advance Recovery.
  - If you load image of a small region of hard disk while performing Raw recovery then all data under that region will be found. Therefore, if resume recovery or recovery after creating image of a small region of hard disk does not provide you desired result then you should recover data from that image by performing Raw Recovery.
-

### **To restart recovery by using volume image:**

1. Click **Resume Recovery** tab, and then click **Browse**.
  2. In the Open dialog box, locate and select the image file of a volume, and then click **Open**.
  3. Click **Continue** then select either - **Quick Recovery** or **Advance Recovery**.
  4. All folders and files are listed in the Data Recovery screen. Recover required files.
- 



#### **Note:**

- It is recommended that you should save scan information file and hard disk image at different locations with proper name such that you can easily retrieve the required image file.
-



## Recovering E-mails

Email Recovery option of Stellar Phoenix File Recovery Plus allows you to recover deleted email supported by Microsoft Outlook and Microsoft Outlook Express email programs. You can recover all deleted mails by using Stellar Phoenix File Recovery Plus. Microsoft Outlook saves all email in a .pst file. You will need to specify .pst file to recover email supported by Microsoft Outlook. Microsoft Outlook Express saves email in .dbx file. You will need to specify .dbx file to recover email supported by Microsoft Outlook Express.

In addition, you can save email supported by Microsoft Outlook as .eml files by using Stellar Phoenix File Recovery Plus. You can open .eml file in Microsoft Outlook Express.

- [Recovering Microsoft Outlook Email](#)
- [Recovering Microsoft Outlook Express Email](#)



## Recovering Microsoft Outlook Email

You will need to specify the .pst file to recover email supported by Microsoft Outlook. If you know location of .pst file that needs to be recovered then you can directly select the .pst file. However, you can also search the required .pst file.

You can change the destination where recovered .pst should be saved. In addition, you can save the .pst file as .eml or msg file, supported by Microsoft Outlook Express and Microsoft Outlook respectively.

- [Recovering PST File](#)
- [Searching PST Files](#)
- [Changing Destination](#)



## Recovering PST File

In order to recover email supported by Microsoft Outlook email program, you will need to recover .pst file. After recovering the .pst file, you can open or import the .pst file in Microsoft Outlook.

### To recover PST file:

1. Click **Email Recovery** tab and then click **Microsoft Outlook Email Recovery**.
2. In the Email Recovery screen, click **Select PST** to specify the location of source .pst file. In the Open dialog box, locate and specify the .pst file, click **Open**. You can also [find the required .pst file](#).
3. By default, the recovered .pst file will be saved at the same location where the source file is stored. However, you can change the location of recovered .pst file by [specifying destination](#).
4. In the Save File box, select **Save as PST (Microsoft Outlook)** to save the source .pst file as .pst file, **Save as EML (Outlook Express)** to save the source .pst file as .eml file, which opens with Microsoft Outlook Express, or **Save as MSG (Microsoft Outlook)** to save the source .pst file as .msg file.
5. Click **Start Scan**, after successful recovery a message is displayed , click **OK**. and then click **Save**. The file will be saved at specified location. In addition, PST Recovery screen shows all folders and email stored in the recovered .pst file. Click **OK** and then click **Close**.



### Notes:

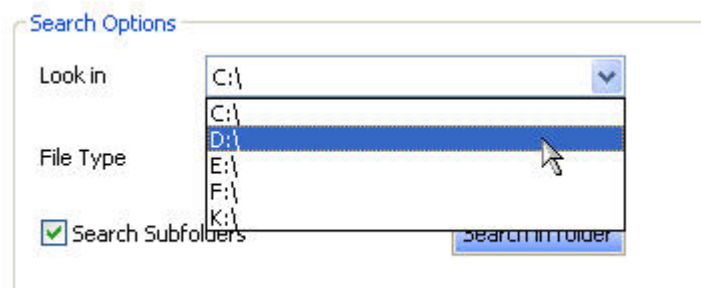
- You can only select one .pst file to recover.
  - Microsoft Outlook should be closed before opening the .pst file.
  - You will need to import the recovered PST file in Microsoft Outlook to use it in Microsoft Outlook.
-

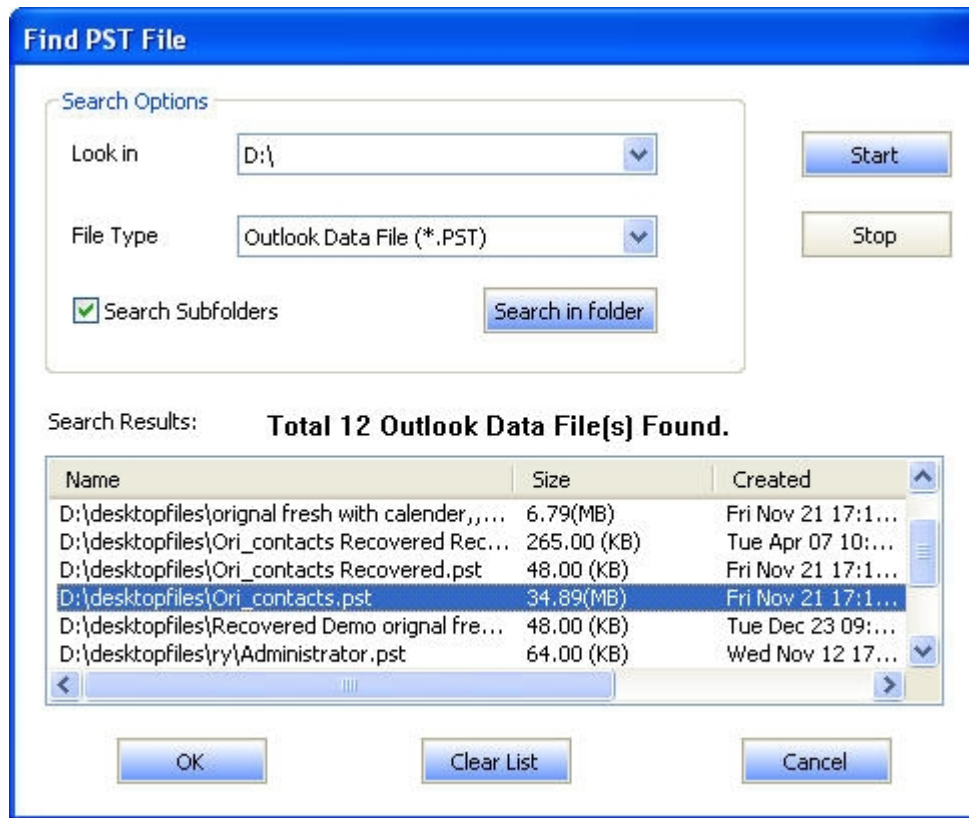


## Searching PST Files

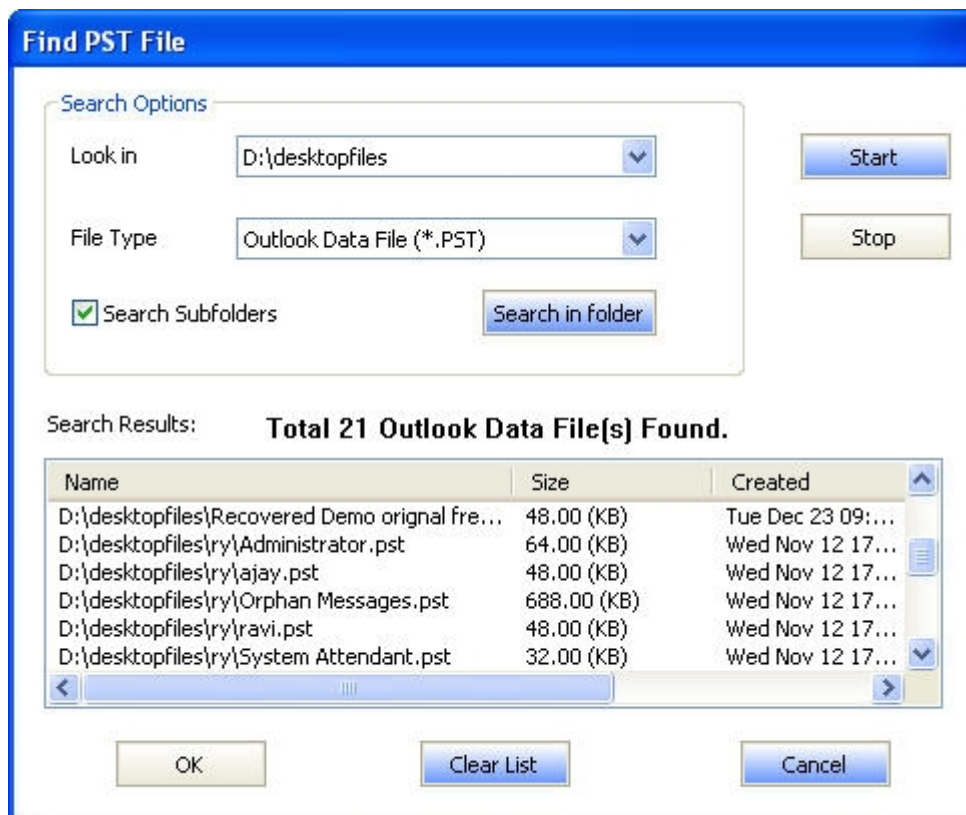
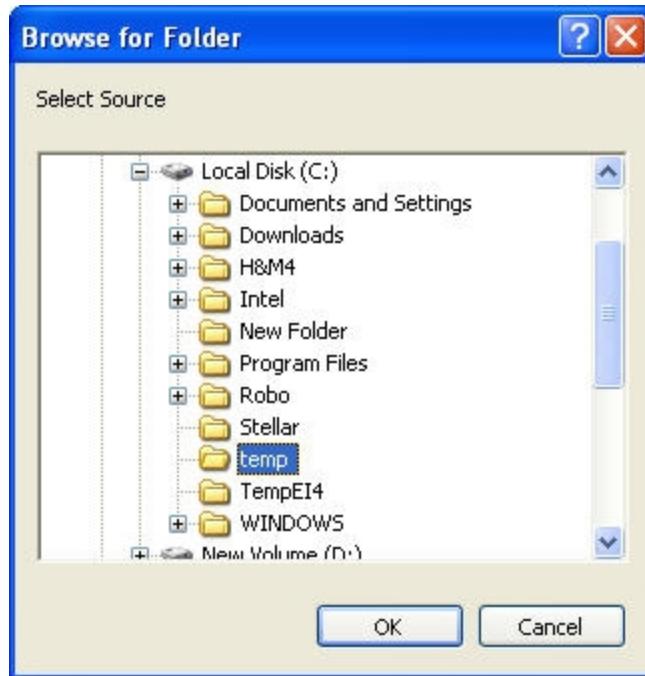
You can search for .pst files by using Find PST file functionality. You can search .pst files in volumes, folders and sub folders.

- **To search PST files in volumes**
  1. Click **Find PST**.
  2. In the Find Search Options screen, click **Look in** listbox to select volume. Select the required volume. Click **Start**.
  3. In the Search Options screen, under Search Results box, all .pst files that are found in the selected volume will be shown. Click a file to select, and then click **OK**.
  
- **To search PST files in folders**
  1. Click **Find PST**.
  2. In the Search Options screen, click **Search in folder**. In the Browse for Folder dialog box, select a folder, click **OK**, and then click **Start**. In addition, if you want to search subfolders in that folder, check **Search Subfolders** checkbox.
  3. In the Search Options screen, all .pst files that are found in the selected folder will be shown. Click a file to select, and then click **OK**.





**Note:** You will need to import the recovered PST file in Microsoft Outlook to use it in Microsoft Outlook.





## Changing Save Destination

Recovered .pst files will be saved at the same location where the source file is stored. You can change the destination of recovered .pst file as per your preference.

### To change destination:

1. After selecting the source .pst file, click **Destination**.
2. In the Browse for Folder dialog box, specify the location where recovered .pst file should be saved. Click **OK**.



## Recovering Microsoft Outlook Express Email

In order to recover Microsoft Outlook Express email, you will need to recover .dbx file. If you know location of .dbx file that needs to be recovered then you can directly select the .dbx file. However, you can also search the required .dbx file.

When you open a .dbx file, first recovery of that dbx file will be performed. After recovering .dbx file, you can change destination and save the recovered dbx file as eml or dbx. In addition, you can select all or selected email from the recovered .dbx file.

- [Recovering .dbx file](#)
- [Saving .dbx file](#)
- [Searching .dbx file](#)



## Recovering .dbx File

In order to recover email supported by Microsoft Outlook Express email program, you will need to recover .dbx file. After recovering the .dbx file, you will need to [save the .dbx file](#).


### To recover .dbx file:

1. Click **Email Recovery** tab, and then click **Outlook Express Email Recovery**.
2. In the Email Recovery screen, click **Select DBX** to specify the location of source .dbx file. In the Open dialog box, locate and specify the .dbx file, click **Open**. You can also specify a folder to search for .dbx file. Click **Select Folder**, in the Browse for Folder dialog box, locate and select the required folder, click **OK**. You can also [search the required .dbx file](#).
3. In the Save Filebox, select either **Save as EML** or **Save as DBX**. EML file will open directly if Outlook Express is installed on the computer. You will need to import dbx file in Outlook Express to view contents of dbx file. Click **Start Scan**.



### Note:

- By default, the recovered .dbx file will be saved at the same location where the source file is stored. However, you can change the location of recovered PST file by specifying destination. Click **Destination**. In the Browse for Folder dialog box, specify the location where recovered .dbx file should be saved. Click **OK**. In addition, you can also change the destination after recovering of dbx file.

- 
4. All email stored in the .dbx file will be recovered and shown in the DBX recovery screen.
  5. Click **Save**. You can specify the destination and the extension with which recovered file should be saved again here. Select either **Save as EML** or **Save as DBX**. Click  to specify destination. Click **OK**.
  6. A message will be shown prompting you to view the recovered file. Click **Yes** to locate the recovered file or **No** to close.



### Notes:

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- You can only select one .dbx file to recover.
  - Microsoft Outlook Express should be closed before opening the .dbx file.
-




## Saving .dbx File

After recovering .dbx file you will need to save email stored in it. You can save all or selected email from the recovered .dbx file. You can preview email in DBX recovery screen. To preview email, click an email in the top right-pane. In the bottom-pane you can view the contents of the selected email.

### To save dbx file:

1. In the DBX Recovery screen, in the left pane, check the checkbox of dbx file.
2. Click **Save**. Select either **Save as EML** to email as eml files or **Save as DBX** to save the file as .dbx file. Email will be saved as individual EML files if you select Save as EML option. Click  to specify the destination where recovered dbx file should be saved. Click **OK**.

### To save individual emails:

1. If you want to save only some email from the list then click **Unselect All** to clear the checkboxes. Check the checkboxes of email that needs to be saved.
2. Click **Save**. Click  to specify the destination where recovered email should be saved. Click **OK**. All selected email are saved at the specified location.



## Searching .dbx Files

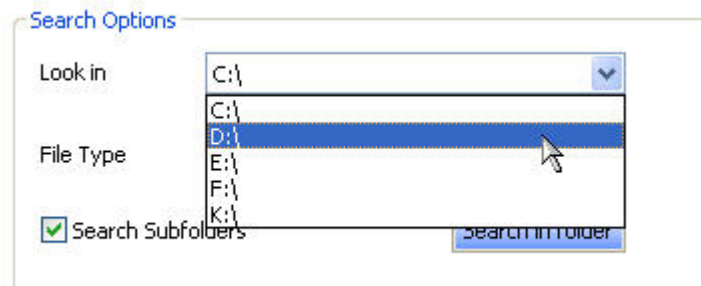
You can search for .dbx files by using Find DBX functionality. You can search .dbx files in volumes, folders and sub folders. However, you can select only one volume to search .dbx files.

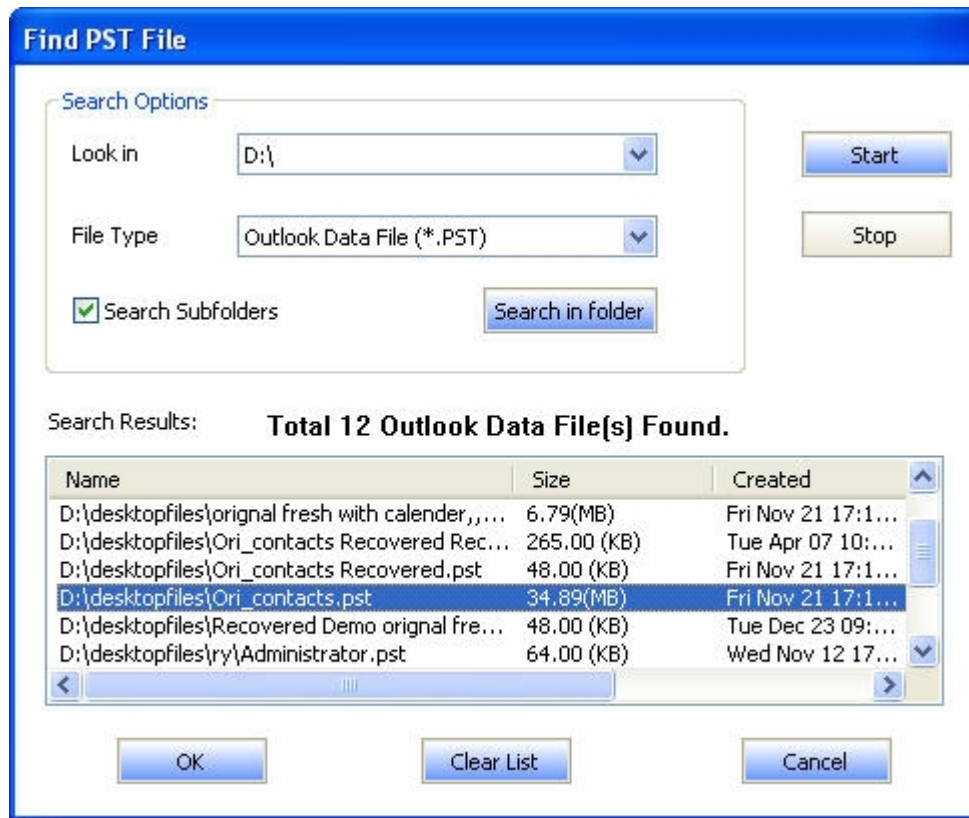
- **To search .dbx files in volumes**

1. Click **Find DBX**.
2. In the Search Options screen, click **Look in** listbox to select volume. Select the required volume. Click **Start**.
3. In the Search Options screen, under Search Results box, all .dbx files that are found in the selected volume will be shown. Click a file to select, and then click **OK**.

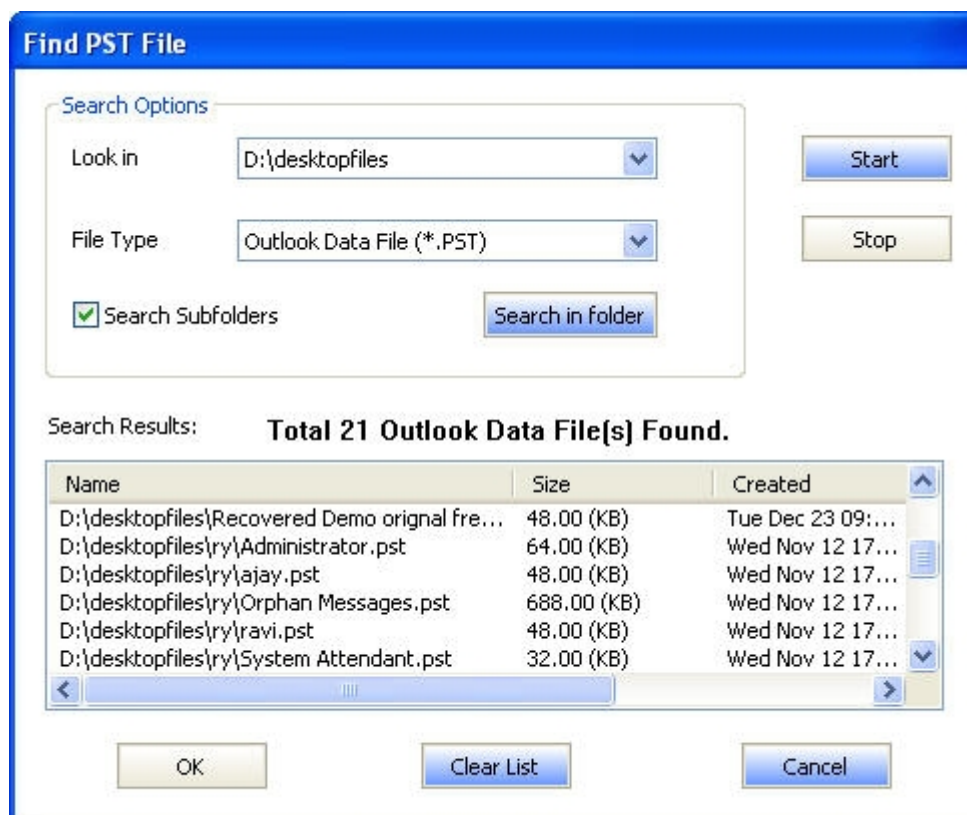
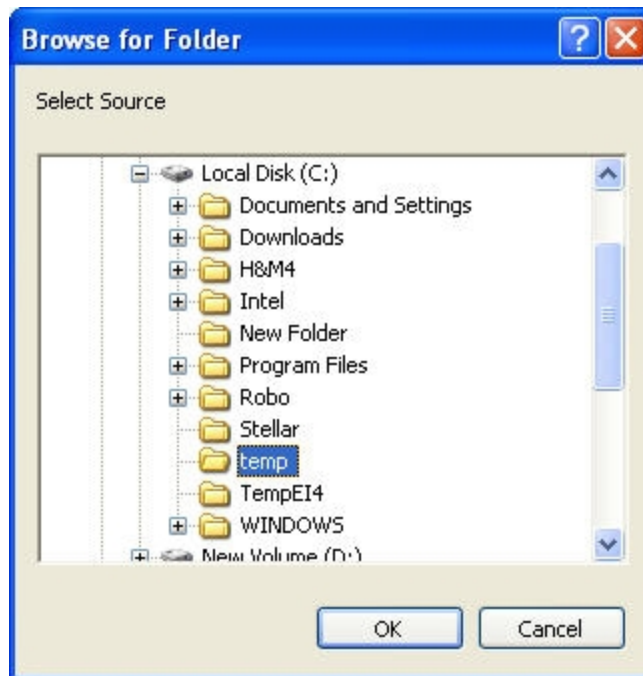
- **To search .dbx files in folders**

1. Click **Find DBX**.
2. In the Search Options screen, click **Search in folder**. In the Browse for Folder dialog box, select a folder, click **OK**, and then click **Start**. In addition, if you want to search subfolders in that folder, check **Search Subfolders** checkbox.
3. In the Search Options screen, all .dbx files that are found in the selected folder will be listed. Click a file to select, and then click **OK**.





**Note:** You will need to import the recovered PST file in Microsoft Outlook to use it in Microsoft Outlook.





## Cloning and Image

Stellar Phoenix File Recovery Plus allows you to create image of a hard disk or volume and create an exact copy of a hard disk. You can use Advance Drive Options of Stellar Phoenix File Recovery Plus to create image and clone a hard disk. An image of a hard disk or volume is saved as .img file. You can use this .img file to [restart recovery](#) at any time.

You can create image of an entire hard disk or volume or of selected region of a hard disk or volume. You can clone a hard disk but you cannot clone a logical volume.

- [Creating Image](#)
- [Cloning a hard disk](#)



## Creating Image

- [Create Image of Entire Drive](#)
- [Create Image of Selected Region](#)



## Create Image of Entire Drive

You can create image of different sources and save them as .img file by using Create Image option of Stellar Phoenix File Recovery Plus. The sources of which you can create image are:

- Hard Disk
- Compact Disc (CD)
- Digital Versatile Disc (DVD)
- Logical volumes existing in hard disk
- Removable media such as pen drive

The image of all sources listed earlier are saved as .img file. This .img file is of same size as of the source. You can use image files to [restart recovery](#) later. However, image files of CD and DVD can only be used in raw recovery option of Stellar Phoenix File Recovery Plus.

The image you create by using Create Image option of Stellar Phoenix File Recovery Plus will be of same size as the selected hard disk, CD, DVD, pen drive, or volume. Ensure that the location where image file needs to be saved has sufficient space to store the image file.

### To create image file of entire hard disk, CD/DVD, volume, or removable media:

1. Under Advance Options tab, select **Drive Imaging**.
2. In the Drive Imaging screen, select **Create Image**.
3. You can create two types of image of selected source:

#### 1. Full Image

In the Select Drive/Volume screen, select hard disk, CD, DVD, or pen drive from Physical Drive list, or a volume from Logical Volume list. Click **Continue**.

#### 1. Image of Selected Region

In the Select Drive/Volume screen, select hard disk, CD, DVD, or pen drive from Physical Drive list, or a volume from Logical Volume list. Click **Select Region** icon. In the Select Specified Region screen, drag the sliders to define starting and ending sectors of the image file. Click **OK**, and then click **Continue**.

4. In the Save As dialog box, locate the destination where image file should be saved. In the File Name text box, type a name. Click **Save**.
5. The Disk Image Creation shows the image creation process. When the image is successfully created, a message appears. Click **OK**.

You can click **Continue** to start recovering files from the newly created image or start recovery later by using [resume recovery](#) option. If you click **Continue** then you can perform either [Quick Recovery](#) or [Advance Recovery](#) on the newly created image.



## Selecting Region

You can select specific region of hard disk, CD, DVD, pen drive or logical volume in two recovery processes:

### Selecting Region during Image Creation

When you create image of hard disk, CD, DVD, pen drive or logical volume you can specify specific region of the selected source such that only the image of selected region will be created. You can use image file for [resuming recovering](#) at any time.

### Selecting Region during Raw Recovery

You can select specific region of hard disk while performing raw recovery process such that scanning should be done only for the selected region. All data under that region will only be recovered by scanning process. However, you cannot select region of volume while performing raw recovery of a volume.

#### To select region of the selected source:

- Click **Select Region** icon. In the Select Specified Region screen, drag the sliders to define starting and ending sectors of the image file. Click **OK**, and then click **Continue**.



## Cloning Hard Disk

Cloning option of Stellar Phoenix File Recovery Plus allows you to create an exact replica of a hard disk. You will need to attach another hard disk for cloning a hard disk. The size of the destination hard disk should be same or greater than the source hard disk.

### To clone a hard disk:

1. Under Advance Options tab, select **Drive Imaging**.
2. In the Drive Imaging screen, select **Clone Disk**.
3. In the Disk Cloning screen, click **Source Disk** list box to select **source disk drive**.  
Click **Target Disk** list box to select **destination disk drive**.
4. Click **Start Cloning**.



## Scanning Hard Disk

You can scan hard disk to view that whether there are bad sectors exist in your hard disk or not. The scanning process shows you the bad sectors that has been developed in hard disk. You can use this feature to view status of your hard disk.

### To scan hard disk:

1. Under Advance Options tab, select **Drive Status**.
2. In the Drive Status screen, click **Scan Disk**. Bad blocks are shown in red color, if any, found in hard disk.



## Performing Raw Recovery

Raw recovery allows you to recover data from hard disk or removal media such as pen drive or volumes of a hard disk. This recovery option recovers everything that is found in the selected source. You can select a source or define region for scanning process. However, you cannot select region from a volume while performing raw recovery on the volume.

A long list of file type is provided in the raw recovery file type option. You can also add file type, if the required file type is not listed in the file type list.

- [Raw Recovery of hard disk](#)
- [Raw Recovery of volume](#)
- [Specifying File Types](#)
- [Adding File Types](#)
- [Editing File Type](#)
- [Removing File Type](#)



**Note:** You can load image of hard disk, CD/DVD, logical volume or removal media created by using create image feature of Stellar Phoenix File Recovery Plus software to perform raw recovery.

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## Raw Recovery of Hard Disk

You can recover data from a hard disk or of selected region of the hard disk hard disk. Raw recovery is a scan method based on file types. File type is the information about a file that is the name of file and its extension. You can add, edit or remove file types according to your preference.

### To recover data from hard disk:

1. Under Advance Options tab, click **Raw Recovery**.
2. In the Select Drive/Volume screen, under Drive List box, select hard disk that needs to be recovered. You can [select](#), [add](#), [edit](#) or [remove](#) file types such that scanning process should include or exclude file types.
3. If you want to scan the entire hard disk, click **Start Scan**. If you want to scan selected region of the selected hard disk then click **Select Region**. In the Select Specified Region screen, drag sliders to define starting and ending sectors. Click **OK**, and then click **Start Scan**. The scan will be performed on the selected region only.
4. Scan will be performed on the selected source and all files that are found in the selected hard disk will be shown in a three pane structure. In the left pane, a tree structure according to folders is created. Top right pane shows preview of files. In bottom-right pane, all files that are stored in folders are listed. Double-click a folder to view files stored in that folder. Click a file from bottom-right pane for preview of the file.
5. You can use these features of Stellar Phoenix File Recovery Plus after scanning process is completed- [Mask](#), [Save Scan](#) and [Find](#). Mask feature can be used to narrow the scan result. A new tree will be created based on the file extensions when you apply mask. You can save the result of scanning process by using the save scan feature. You can restart recovery by using this scan information file later. Find feature can be used to search files from the scan result. You can save all files or individual files at preferred location.

- **To select all files**

- Click **Select All**, and then click **Recover**.

- To select individual files**

1. Click a folder in the left pane to view files stored in it.
2. Check checkboxes of file names, and then click **Recover**.

## 1. To recover selected folders and files included in them

- Check the folder name checkbox in the left pane, and then click **Recover**.

You can also [Add Filter](#) to save only required files from the selected folder or files. In the Choose Destination screen, click **Add Filter** to add files types that should be saved. All other files that has different extension as added in the Add File Filter box will not be saved.

- In the Choose Destination screen, specify the location where files should be saved. In addition, you can save files in a compressed zip folder by using [Compression Option](#). Click **OK**.



## Raw Recovery of CD/DVD

You can recover data from a CD/DVD or of selected region of the CD/DVD. You can recover data from CD/DVD only by using raw recovery option of Stellar Phoenix File Recovery Plus

### To recover data from CD/DVD:

1. Under Advance Options tab, click **Raw Recovery**.
2. In the Select Drive/Volume screen, under Drive List box, select either CD or DVD that needs to be recovered. You can [select](#), [add](#), [edit](#) or [remove](#) file types such that scanning process should include or exclude file types.
3. If you want to scan the entire CD or DVD, click **Start Scan**. If you want to scan selected region of the selected CD or DVD then click **Select Region**. In the Select Specified Region screen, drag sliders to define starting and ending sectors. Click **OK**, and then click **Start Scan**. The scan will be performed on the selected region only.
4. Scan will be performed on the selected CD or DVD and all files that are found in the selected CD or DVD will be shown in a three pane structure. In the left pane, a tree structure according to folders is created. Top right pane shows preview of files. In bottom-right pane, all files that are stored in folders are listed. Double-click a folder to view files stored in that folder. Click a file from bottom-right pane for preview of the file.
5. You can use these features of Stellar Phoenix File Recovery Plus after scanning process is completed- [Mask](#), [Save Scan](#) and [Find](#). Mask feature can be used to narrow the scan result. A new tree will be created based on the file extensions when you apply mask. You can save the result of scanning process by using the save scan feature. You can restart recovery by using this scan information file later. Find feature can be used to search files from the scan result. You can save all files or individual files at preferred location.

- **To select all files**

- Click **Select All**, and then click **Recover**.

- To select individual files**

1. Click a folder in the left pane to view files stored in it.
2. Check checkboxes of file names, and then click **Recover**.

- 1. To recover selected folders and files included in them**

- Check the folder name checkbox in the left pane, and then click **Recover**.

You can also [Add Filter](#) to save only required files from the selected folder or files. In the Choose Destination screen, click **Add Filter** to add files types that should be saved. All other files that has different extension as added in the Add File Filter box will not be saved.

6. In the Choose Destination screen, specify the location where files should be saved. In addition, you can save files in a compressed zip folder by using [Compression Option](#). Click **OK**.



## Raw Recovery of Removable Media

You can recover data from removable media such as pen drive or of selected region of the removable media. You can also perform recovery of removable media by using recovery options - Quick Recovery or Advance Recovery.

### To recover data from removable media:

1. Under Advance Options tab, click **Raw Recovery**.
2. In the Select Drive/Volume screen, under Drive List box, select removable media that needs to be recovered. You can [select](#), [add](#), [edit](#) or [remove](#) file types such that scanning process should include or exclude file types.
3. If you want to scan the entire removable media, click **Start Scan**. If you want to scan selected region of the selected removable media then click **Select Region**. In the Select Specified Region screen, drag sliders to define starting and ending sectors. Click **OK**, and then click **Start Scan**. The scan will be performed on the selected region only.
4. Scan will be performed on the selected source and all files that are found in the selected removable media will be shown in a three pane structure. In the left pane, a tree structure according to folders is created. Top right pane shows preview of files. In bottom-right pane, all files that are stored in folders are listed. Double-click a folder to view files stored in that folder. Click a file from bottom-right pane for preview of the file.
5. You can use these features of Stellar Phoenix File Recovery Plus after scanning process is completed- [Mask](#), [Save Scan](#) and [Find](#). Mask feature can be used to narrow the scan result. A new tree will be created based on the file extensions when you apply mask. You can save the result of scanning process by using the save scan feature. You can restart recovery by using this scan information file later. Find feature can be used to search files from the scan result. You can save all files or individual files at preferred location.

- **To select all files**

- Click **Select All**, and then click **Recover**.

- To select individual files**

1. Click a folder in the left pane to view files stored in it.
2. Check checkboxes of file names, and then click **Recover**.

- 1. To recover selected folders and files included in them**

- Check the folder name checkbox in the left pane, and then click **Recover**.

You can also [Add Filter](#) to save only required files from the selected folder or files. In the Choose Destination screen, click **Add Filter** to add files types that should be saved. All other files that has different extension as added in the Add File Filter box will not be saved.

6. In the Choose Destination screen, specify the location where files should be saved. In addition, you can save files in a compressed zip folder by using [Compression Option](#). Click **OK**.



## Raw Recovery of Volume

You can select an existing volume in a hard disk to perform raw recovery. You can add, edit or remove file types while performing raw recovery.

### To recover data from a volume by performing raw recovery:

1. Under Advance Options tab, click **Raw Recovery**.
2. In the Select Drive/Volume screen, select a volume from which data needs to be recovered. You can [select](#), [add](#), [edit](#) or [remove](#) file types such that scanning process should include or exclude file types. Click **Start Scan**.
3. Scan will be performed on the selected volume and all files that are found in the selected volume will be shown in a three pane structure. In the left pane, a tree structure according to folders is created. Top right pane shows preview of files. In bottom-right pane, all files that are stored in folders are listed. Double-click a folder to view files stored in that folder. Click a file from bottom-right pane for preview of the file.
4. You can use these features of Stellar Phoenix File Recovery Plus after scanning process is completed- [Mask](#), [Save Scan](#) and [Find](#). Mask feature can be used to narrow the scan result. A new tree will be created based on the file extensions when you apply mask. You can save the result of scanning process by using the save scan feature. You can restart recovery by using this scan information file later. Find feature can be used to search files from the scan result. You can save all files or individual files at preferred location.

- **To select all files**

- Click **Select All**, and then click **Recover**.

- To select individual files**

1. Click a folder in the left pane to view files stored in it.
2. Check checkboxes of file names, and then click **Recover**.

- 1. To recover selected folders and files included in them**

- Check the folder name checkbox in the left pane, and then click **Recover**.

You can also [Add Filter](#) to save only required files from the selected folder or files. In the Choose Destination screen, click **Add Filter** to add files types that should be saved. All other files that has different extension as added in the Add File Filter box will not be saved.

5. In the Choose Destination screen, specify the location where files should be saved. In addition, you can save files in a compressed zip folder by using [Compression Option](#). Click **OK**.



## Selecting File Type

File types give information about the type of file such as video, audio and its extension. You can select file types while performing raw recovery such that, scanning process should search for the specified file types.

File types are listed in the File List screen. The Software Name column shows the type of file, File extension shows the extension of the file type and size (KB) shows the size of file type. The file types is categorized according to groups with 'All' as the main group that includes every file type, which is available in different file groups. Different groups are Graphic, Pictures & Raster Images, Archive, Audio, video & Animation, Mails, Database, Office Documents, Internet, and Miscellaneous.

### To select file types from file list:

1. In the Select Drive/Volume screen, click **File Type**.
2. In the File List screen, select the required file types

1. To include all groups and file types

Click the Filter by file group list box, select **All**, and then click **OK**.

- To include a single group

In the File List screen, click the Filter by file group list box and select **All**. Click **Unselect All**, select the required group from Filter by file group list box, and then click **Select All** to add all file types of that group. Click **OK**.

1. To include selected file types

In the File List screen, click the **Filter by file group** list box and select **All**. Check the software name checkboxes of the required files types and clear the software name checkboxes that are not required. Click **OK**.

2. To exclude a group

In the File List screen, click the **Filter by file group** list box and select the group that needs to be removed. Click **Unselect All**, and then click **OK**. Similarly, you can exclude multiple groups.

3. To include multiple groups with selected file types

You can include more than one group and selected file types from them. First select a group from **Filter by file group** list box, and then select required file types from the selected group. Similarly, select another group

from Filter by file group list box and select required file types. After selecting the required groups and file types, click **OK**.



## Adding File Type

You can add file type to the list of File Types while performing raw recovery. In case, the file you are searching is not available in the file list you can add the file by specifying the software name, size, header information, and file extension.

### To add a file type:

1. In the Select Drive/Volume screen, click **File Type**. In the File List screen, click **Append Header File**.
2. In the Add New Header screen, click **Add**.
3. In the Add/Edit Header File screen, provide the values:
  - **Software Name:** Type name of the software or file
  - **Group:** Select the group under which new file type will be included.
  - **File Extension:** Type the file extension
  - **Header (in hexadecimal):** Type the header value
  - **At Offset (in decimal):** Type the offset value
4. Click **OK**.



## Editing File Type

You can also edit an existing file type or newly added file type. You can change every setting of file type.

### To edit a file type:

1. Select the file type that needs to be edited.
2. Click **Edit**. In the Add/Edit Header File screen, edit values:
  - **Software Name:** Type name of the software or file
  - **Group:** Select the group under which new file type will be included.
  - **File Extension:** Type the file extension
  - **Header (in hexadecimal):** Type the header value
  - **At Offset (in decimal):** Type the offset value
3. Click **OK**.



**Note:** You can also edit a file type from Add New Header screen.

---



## Removing File Type

You can remove user-defined file types. You cannot remove file types that are included in the list of All group. You can remove file type from Add New Header screen.

### To remove file type:

1. Click **File Type**. In the File List screen, click **Append Header File**.
2. In the Add New Header screen, select a file type and click **Remove**. Repeat the procedure to remove more file types.



## Supported File Types for Preview

Stellar Phoenix File Recovery Plus supports preview of file types listed below. This helps user to verify the file(s) before actual recovery.

### Acrobat files

- PDF

### Archive files

- ARJ, LZH, ALZ, TAR, ZIP, RAR, CAB

### Audio Video files

- RMI, WAV, WMV, MPG, WMV, WMA, MIDI, AU, MP3, AVI, ASF, MPEG, MID

### Backup files

- BKF

### Database files

- MDF, DBF, CSV

### Image Files:

- BMP, WBMP, WMF, EMF, JPEG, JPG, JPE, J2K, JP2, JBG, J2C, JPC, PNG, MNG, JNG, JFIF, DIB, GIF, TIF, TIFF, TGA, PCX, PGX, PNM, PGM, PPM, RAS, X3F, PEF, NEF, KDC, K25, ERF, DNG

### Internet files

- HTM, HTML, SHTML, SHTM, MHTML, XHTML, XHT, PLG

### Miscellaneous files

- C, PRG, TEXT, CXX, HPP, XML, CC, HH, ASM, JS, PHP, ASP, LIC, DEF, CSPROJ, VCPROJ, SLN, CSS, DSP, DSW, CS, JAVA, INF, INI, LOG, CGI, JSP, REG, FRM, TXT, CPP, H, BAT

### Office documents

- DOC, DOT, DOCX, DOTX, XLS, XLT, XLW, XLB, XLSX, XLTX, PPT, PPS, POT, PPTX, PPSX, POTX, RTF
- 



**Notes:**

- File types that are not supported for preview are shown in the hex viewer.
  - Preview of severely corrupted files is shown in the hex viewer.
-




## Loading Image

You can load an image file to restart recovery by using a earlier scanning process. For example, you have saved scan information file of quick recovery's scanning process. You can use that image file to restart recovery. This saves time, since, scanning process does not performed. However, If you have made changes to a volume and then trying to recover data from previous image file of that volume then changes occurred in that volume will not be shown in the scan result.

In addition, you should select correct image file for the recovery process. For example, if you want to restart quick recovery process by using an image file then the selected image file should be created during quick recovery. You cannot restart recovery by using different image file for different recovery process. For example, a quick recovery process can only be restarted by using an image file created during quick recovery.

### To select image:

1. Click  to open the Open dialog box.
  2. Browse and select the required image file. Click **Open**.
- 

### Notes:

- You can select only volume image while performing Quick Recovery or Advance Recovery. You cannot select a hard disk image in these recovery modes.
  - You can select any image such as of volume or hard disk while performing Raw Recovery.
-



## Drive Status

The drive status option of Stellar Phoenix File Recovery Plus shows information of the attached hard disk. The Drive Status box displays model number, serial number, size, temperature, status, S.M.A.R.T feature and firmware revision number of attached hard disk. In addition, S.M.A.R.T information is also listed in the S.M.A.R.T information box.

The Drive Information box shows information such as total sectors, sectors per track, number of cylinders and number of heads. The volume Information box shows information of existing logical volumes in the hard disk.

### To view hard disk status:

- Under Advance Options tab, select **Drive Status**.

The Drive Status screen shows all information related to selected hard disk.



## Log Report

You can view, save and clear log report of Stellar Phoenix File Recovery Plus processes. Log file is saved as .txt file.

- **To view log report**
  - Click to open log viewer. All details of Stellar Phoenix File Recovery Plus process are listed in this window.
  
- **To save log report**
  1. Click to open log viewer.
  2. Click **Save Log**. In the Save As dialog box, type a name for the text file in File name textbox. Locate the destination where .txt file should be saved. Click **Save**.
  
- **To clear Log**
  - Click to open log viewer. Click **Clear Log**.



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Stellar Phoenix File Recovery Plus

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Our Technical Support professionals will give solutions for all your queries related to Stellar Products.

You can either Call Us or Go Online to our support section

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## Support Helpline

**Monday to Friday [ 24 Hrs. a day ]**

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Stellar Information Systems Ltd. is a trusted name in the field of Data Recovery and Data Protection Software for more than a decade.

We provide the widest range of Data Recovery Products. Our range includes Data Recovery Software for almost all Operating Systems and File Systems.

### Product line:

#### Data Recovery

A widest range of data recovery software that helps you recover your valued data lost after accidental format, virus problems, software malfunction, file/directory deletion, or even sabotage!. [More Info >>](#)

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The most comprehensive range of file undelete and unerase software for Windows and MS office repair tools. [More Info >>](#)

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A wide range of mail recovery, mail repair and mail conversion applications for MS Outlook, MS Outlook Express and MS Exchange useful in instances of data loss due to damages and corruption of Email. [More Info >>](#)

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#### Data Sanitization

Data cleanup and file eraser utility can delete selected folders, groups of files, entire logical drives, System Traces & Internet traces. Once the data have been removed using Stellar Wipe - Data File eraser utility, it is beyond recovery limits of any Data Recovery Software or utility. [More Info >>](#)

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