



BitRaser for File

User Guide for Version 4

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1. General Information

1.1. About BitRaser for File

BitRaser for File is a complete solution to maintain your computer privacy by erasing worthless yet sensitive information from your computer. Erased data is beyond recovery. **BitRaser for File** can be used to erase files/folders, Unused space, and System traces.

BitRaser for File erases files & folders completely from hard drive. You can select multiple files/folders at a time for erasure. Once files / folders from the Drive are erased using **BitRaser for File** no one will ever be able to recover that data. The software allows you to generate and save the certificate for the successful erasure process.

In addition, it can erase unused space completely such that all traces of previously stored data will be completely removed. When you delete data from hard drive, the data content is not deleted entirely, instead the space occupied by the data is marked as unused space and the new data is written on that unused space.

BitRaser for File also erases all the system traces. Operating systems store records of all activities such as browsing Internet and opening documents constantly. In addition, deleted or formatted data leaves traces on hard drive. Data recovery software use these traces to recover data, making the hard drive inefficient.

Extremely secure algorithms which confirm to the US Government DoD standards are used to ensure permanent data deletion. **BitRaser for File** can use any of the algorithms for erasure process. The software is menu driven, simple to use with an intuitive interface, and requires no prior technical skill.

Key Features

- New and enhanced user interface.
- Support for Mojave 10.14.
- Erases multiple files and folders simultaneously.
- Erases unused space.
- Erases Internet browsing data stored by Web browsers.

- Erases Instant Messaging.
- Erases System Traces.
- Erases Recent File Histories.
- Option to select Erasing algorithm for erasing task.
- Option to search for a specific file using its name.
- Option to generate certificate for the erasure process.
- Option to set preferences.

1.2. Contact Information

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 at <http://www.stellarinfo.com/support/>
- For price details and to place the order, click <http://www.stellarinfo.com/data-safety-eraser/wipe-mac/buy-now.php>
- Chat Live with an Online technician at <https://www.stellarinfo.com/>
- Search in our extensive Knowledgebase at <http://www.stellarinfo.com/support/kb/>
- Submit enquiry at <http://www.stellarinfo.com/support/enquiry/>
- E-mail to Stellar Support at support@stellarinfo.com

1.3. Legal Notices

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BitRaser for File

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1.4. About Stellar

stellar is the world's foremost Data Care corporation, with expertise in Data Recovery, Data Erasure, Mailbox Conversion, and File Repair software and services. Stellar has been in existence from past 25+ years and is a customer centric, critically acclaimed, global data recovery, data migration & erasure solutions provider with cost effective solutions available for large corporate, SMEs & Home Users. Stellar has a strong presence across USA, Europe & Asia.

Product Line:

Stellar provides wide range of Do It Yourself (DIY) Software for Consumer as well as Software for Businesses:

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!

File Repair

The most comprehensive range of file repair software for Windows, Mac and Linux. Recover your files, which have been infected by viruses, malwares or have been damaged by improper shutdown and other corruption-related issues.

Data Erasure

Best software for IT assets disposition. Secure and erase variety of storage media and files from PC/Laptop, Servers, Rack Drives or Mobile devices. Data once erased cannot be recovered by using any data recovery software or service.



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Email Repair & Converter

Robust applications to restore inaccessible mailboxes of MS Exchange, Outlook, AppleMail, Thunderbird, Eudora, Spicebird, Entourage, and Pocomail mailbox. Also, tools to convert mailboxes and database files from one format to another.

Database Repair

Professional and reliable software to repair corrupt or damaged database for Microsoft SQL Server, QuickBooks®, Microsoft Access, SQLite and many more.

Email Backup Tools

Fully featured backup utilities that provides a comprehensive solution in case of any disaster. These software facilitates taking back up of all your mails, contacts, tasks, notes, calendar entries, journals etc. with full & incremental backup options.



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Photo and Video Tools

Professional tools to rebuild damaged or corrupt photos, videos, audios, and other multimedia files, from Window and Mac systems. Recover files from hard drives, memory cards, iPods, USB flash drives, digital cameras, IBM Micro Drives and more.

Utility Tools

A range of utility software such as SpeedUp Mac, Drive Clone and Partition Manager for Mac systems as well as Password Recovery for Windows and Password Recovery for Windows Server based systems

Stellar Toolkits

Stellar also provides toolkits that are combination of Powerful Tools Designed for Data Recovery, File repair, Mailbox repair and File Conversion. All in one power packed toolkits to meet the need of every business.



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2.1. Installing the Software

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

Minimum System Requirements

- **Processor** : Intel (G4 or later)
- **Operating System** : Mac OS X 10.9 onwards
- **Memory** : 2 GB RAM (4 GB recommended)
- **Hard Disk** : 200 MB of free space

Steps to install BitRaser for File

To install **BitRaser for File**, follow these steps:

- Unpack **BitRaserforFile.dmg.zip** file.
- Decompressing the zip file and double click the **dmg** file. This step will mount a virtual volume - **BitRaserforFile**.
- Double-click **BitRaserforFile** volume to open **BitRaser for File** application window.
- Drag **BitRaser for File** file to the **Applications** folder.
- To launch the software, double click on **BitRaser for File** file in **Applications** folder.
- This displays **License Agreement**. If user accepts the **License Agreement**, then the software is launched; otherwise, it terminates.

To remove the software, drag and drop **BitRaser for File** file from **Applications** folder to trash.

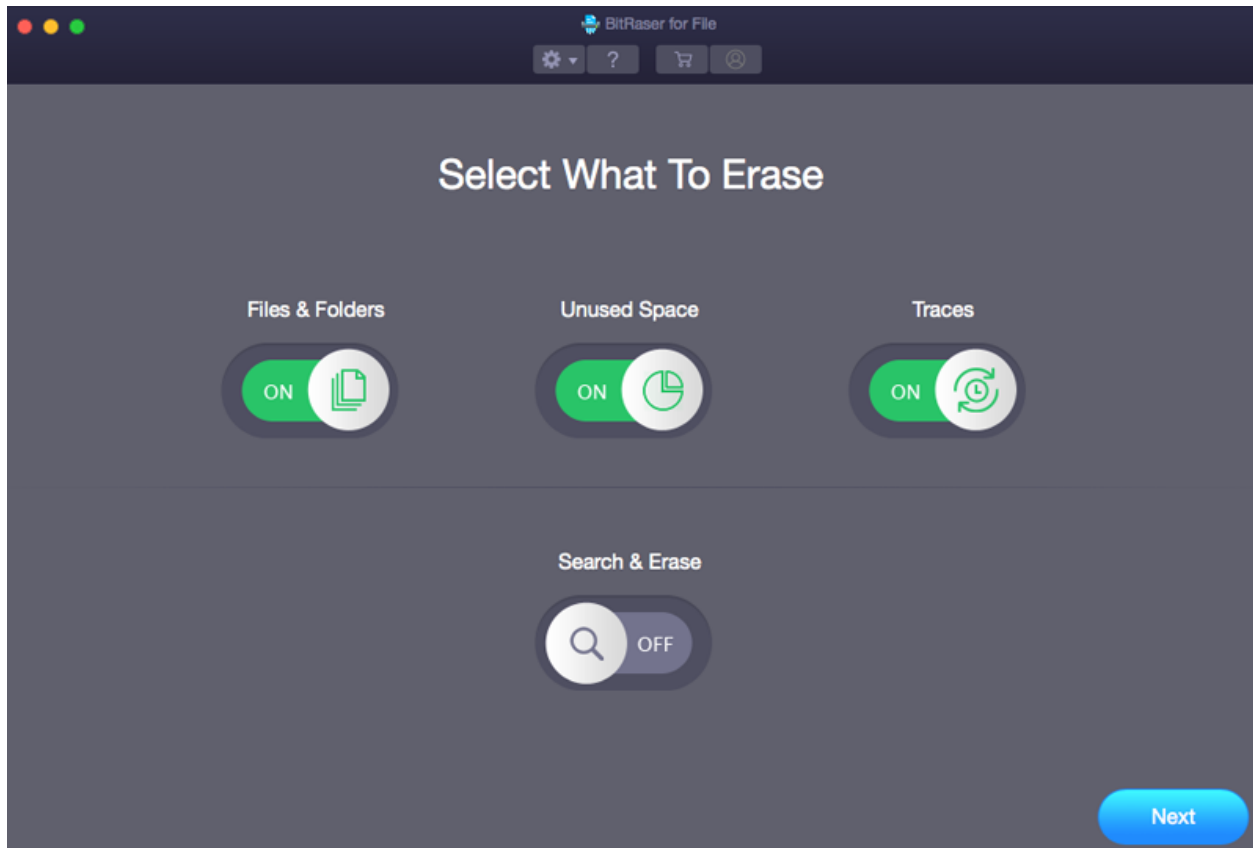
2.2. Launching the Software

Follow any of the following methods to run **BitRaser for File** on a Mac system.

- Double click on **BitRaser for File** file in **Applications** folder.
- Double-click on **BitRaser for File** desktop shortcut (if it is created).
- Click on **BitRaser for File** icon in the dock (if it is created).

2.3. User Interface

Upon launching **BitRaser for File**, you get an interface as shown below:



Options present on the main user interface are :

Select What To Erase:

- **Files & Folders:** Using this option, you can erase any file/folder from the drive.
- **Unused Space:** Using this option, you can erase the unused or free space from the drive.
- **Traces:** Using this option, you can erase internet activity, recent file histories, system traces, and application traces.
- **Search & Erase:** Using this option, you can search for multiple files in your computer's drives, folders and sub folders by its name and erase them.

2.3.1. Ribbons

BitRaser for File

About BitRaserforFile

Use this option to read information about BitRaser for File.

Hide BitRaserforFile

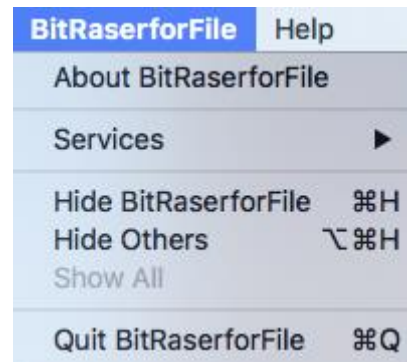
Use this option to hide the icon of this software on your screen.

Hide Others

Use this option to hide other software icons on your screen.

Quit BitRaserforFile

Click on this option to exit from the software.



Help

Help Topics

Use this option to view the detailed help manual of the software.

Order BitRaser for File

Use this option to [buy](#) BitRaser for File.



Email to Stellar Support

Use this option to e-mail back and forth with the Stellar Support team.

View Support Section

Use this option to view the [support page](#) of [stellarinfo.com](#).

Submit Enquiry







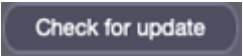

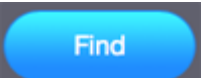

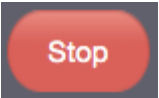
Use this option to [submit enquiry](#) to [stellarinfo.com](#).

View Knowledge Base Articles

Use this option to visit [KnowledgeBase](#) articles of [stellarinfo.com](#).

2.3.2. Buttons

You will make use of the following buttons while using **BitRaser for File**.

	Preferences Click this button to set preferences for BitRaser for File and personalize the process.
	Help Click this button to open user help guide.
	Buy Click this button to buy BitRaser for File.
	Activation Click this button to activate the software after successful purchase.
	Back Click this button anytime to move to previous screen of the current screen.
	Forward Click this button anytime to move to next screen of the current screen.
	Click this button to check for the latest updates available.
	Click this button to start erasure process.
	Click this button to search the desired files for erasure.
	Click this button to move to the next window.
	Click this button to stop or abort the process.

2.4. Ordering the Software

Order BitRaser for File

The software can be purchased online. For price details and to place an order, click [here](#).

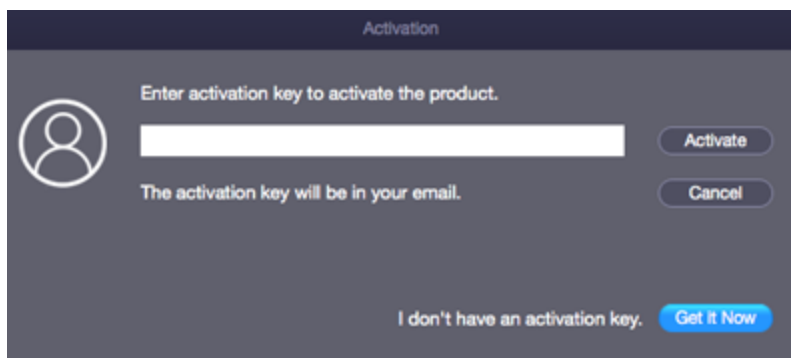
Once the order is confirmed, a pre-paid activation key will be sent through e-mail, which would be required to activate the software.

2.5. Activating the Software

The demo version is for evaluation purpose only. You need to activate the software to use it's full functionality. Use the Activation Key received via email after purchasing the software to activate it.

To activate the software:

1. Run **BitRaser for File**.
2. Click the **Activation** button. Activation window is displayed as shown below:



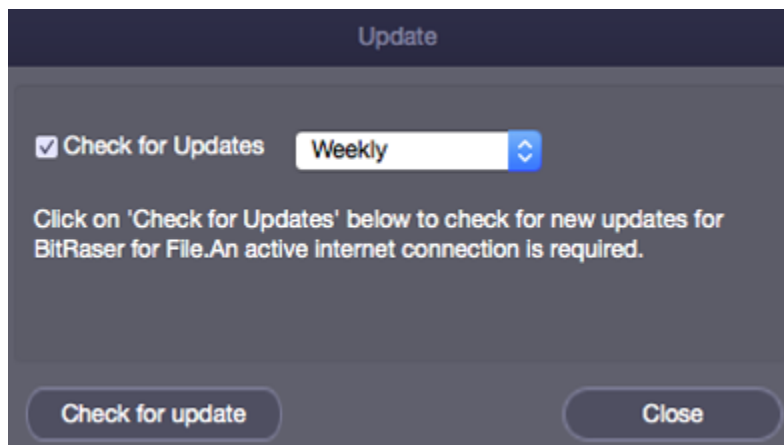
3. If you don't have the activation key, click **Get it Now** button in the window to purchase the software.
4. Once the order is confirmed, an Activation Key is sent to the e-mail that you have provided while purchasing the software.
5. Paste or type the **Activation Key** (received through e-mail after purchasing the product) and click **Activate** button (**Please ensure an active Internet connection**).
6. **BitRaser for File** automatically communicates with the license server to verify the entered key. If the entered key is valid, activation is completed successfully.
7. '**BitRaser for File activated successfully**' message is displayed. Click **OK**.

2.6. Updating the Software

Stellar releases periodical software updates for **BitRaser for File** software. You can update the software to keep it up-to-date. These updates can add a new functionality, feature, service, or any other information that can improve the software. Update option of the application is capable of checking for latest updates. This will check for both latest minor and major versions available online. You can easily download minor or major version through the update wizard. While updating the software, it's recommended to close all the running programs.

To update BitRaser for File:

- On the ribbon bar, click **Preferences** option.
- Click **Update**. The dialog box displays:



- Select **Check for updates** option and specify frequency to check for updates - Daily, Weekly or Monthly.

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

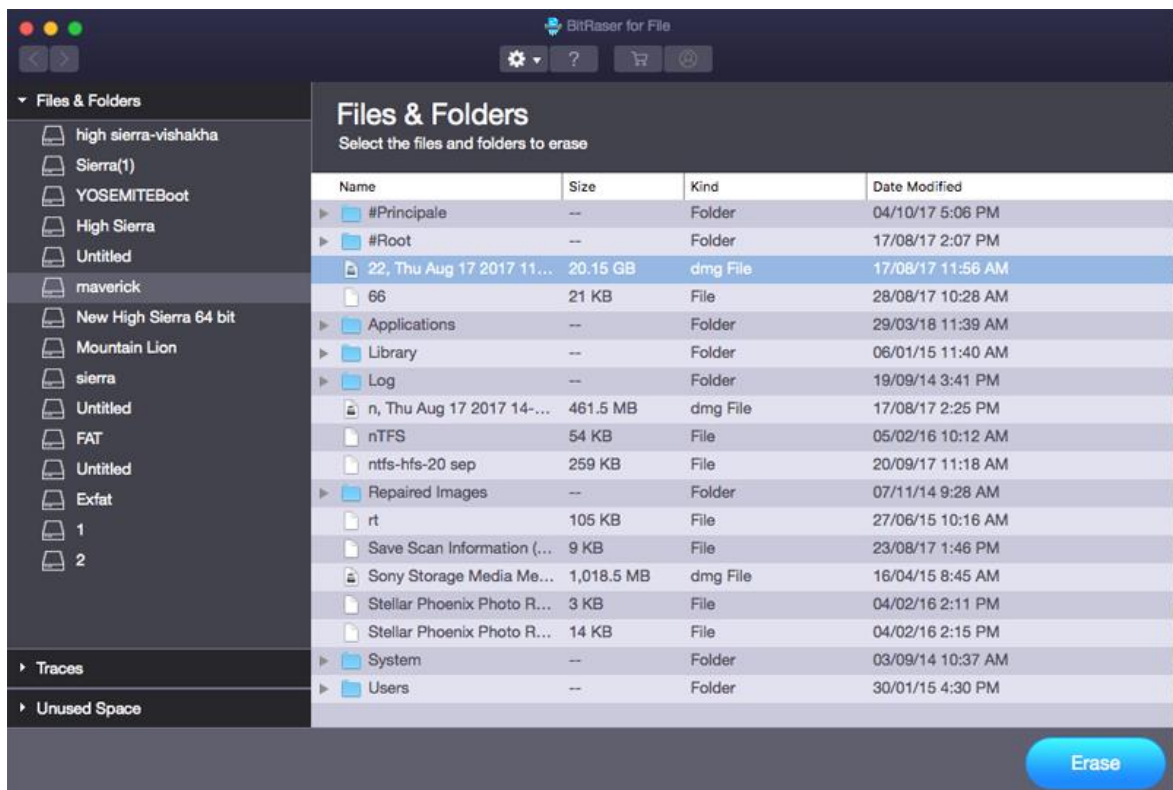
3. Working with BitRaser for File


3.1. Erase Files & Folders

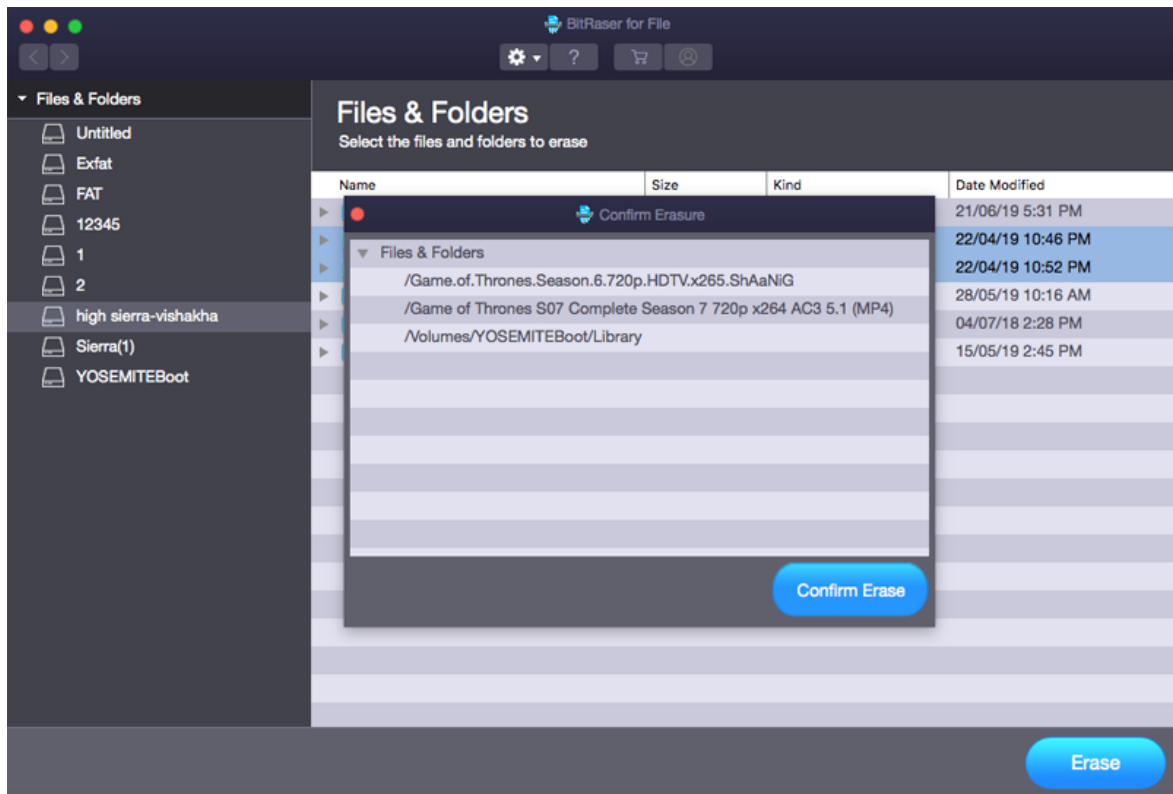
BitRaser for File can erase files/folders from hard drive. All files that are stored in the selected folder will be erased. You can select multiple files/folders at a time for erasure. The erased files/folders cannot be recovered once the erasure process is finished. You can also select the algorithm to be used for erasing selected files/folders.

To erase file/folder:

1. Run BitRaser for File.
2. Select Files & Folders option from the Main Interface window. Click **Next**.
3. The left pane of the window displays all the volumes on the computer and the right pane lists the files / folders of the volume selected.
4. Select the desired files to be deleted.



5. From Preferences  button, select Erasing algorithm for secure deletion and click Erase button.
6. A Confirm Erasure dialog box appears. Click Confirm Erasure to erase files/folders permanently from your system.



A message will display after the successful completion of erasure process.

Note: After the successful erasure, it is mandatory to restart the system.

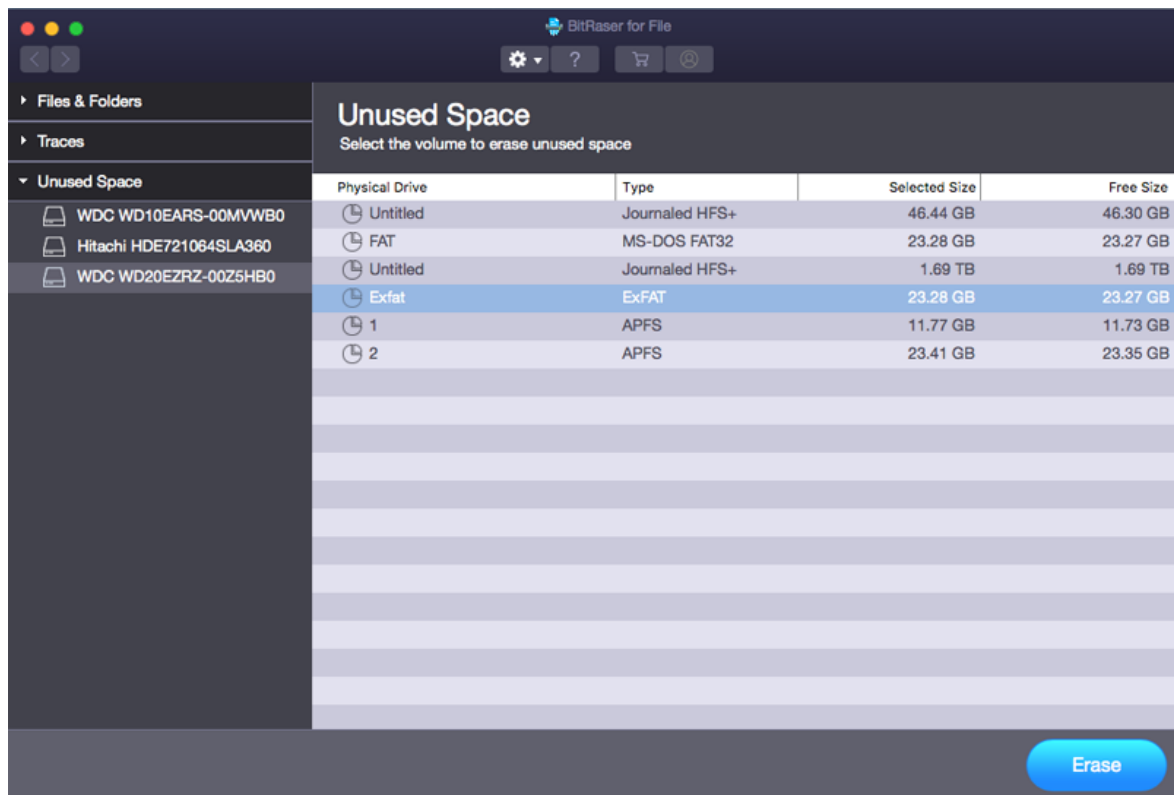
3.2. Erase Unused Space

BitRaser for File can erase the unused space completely from volume. When you delete data from volume, the space where data was stored is marked as unused space. The original data remains there and the new data may overwrite the previously stored data.


This previously stored data is retrievable. If this previously stored data happens to be sensitive information, you should erase unused space to make sure complete and safe erasure of sensitive information. Once unused space is erased then previously stored data cannot be retrieved.

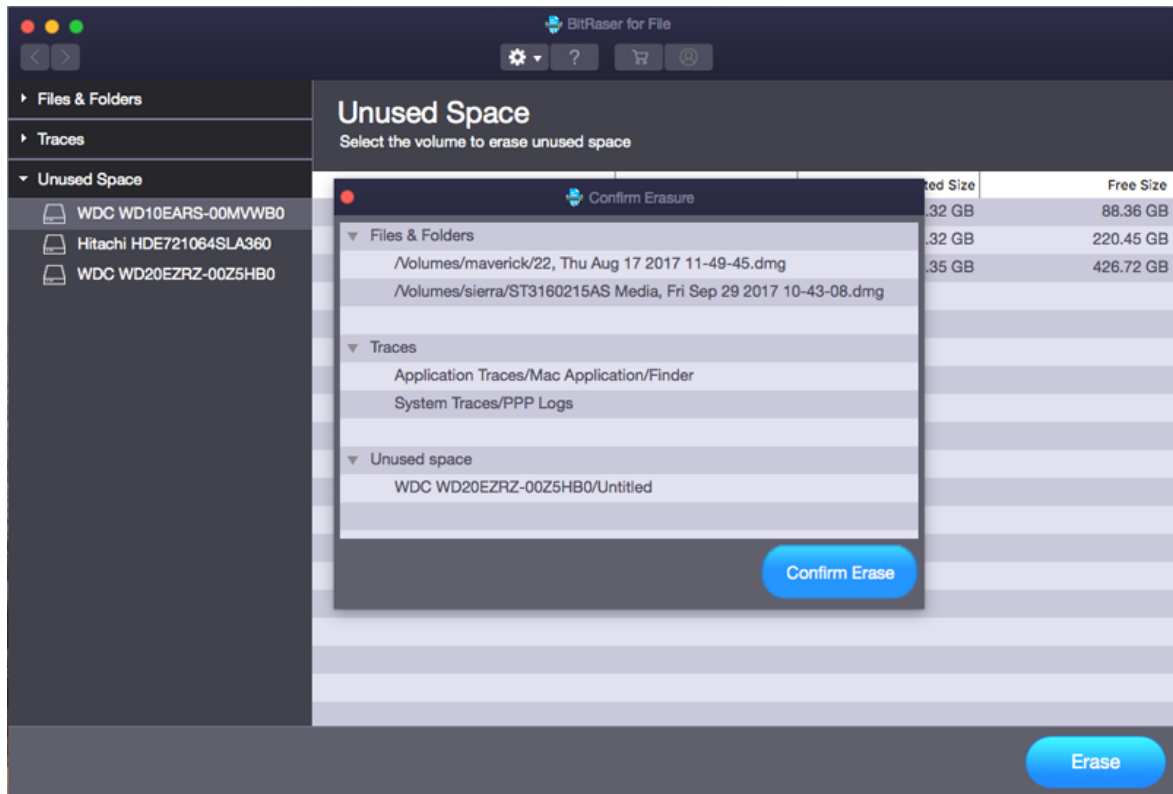
To erase unused space:

1. Run **BitRaser for File** application.
2. Select **Unused Space** option from the Main Interface window. Click **Next**.
3. A window with list of volumes on the computer is displayed.



4. Select a volume from which unused space needs to be erased. Click **Erase**.

- From Preferences  button, select **Erasing algorithm for secure deletion**. Click **OK**.
- A Confirm Erasure dialog is displayed. Make sure that you really need to erase data. Click **Confirm Erase** to start the erasure process.



- You can stop or abort the process by clicking on **Stop** button. A message will display after the successful completion of erasure process.
Note: *After the successful erasure, it is mandatory to restart the system.*

3.3. Erase Traces

This option allows you to erase unwanted yet sensitive information on your system. Erase Traces is capable of cleaning Application Traces, Internet Traces, instant messengers, recent file history and Systems Traces on your hard drive.

List of supported Applications:

Erase utility provides support for application categories like All Applications, Apple Menu, Disk Utility, Finder, iTunes, Quick Time Player, Preview, Calculator, Apple Notes, and Photos.

List of other supported applications:

VLC Player, Adobe Flash Player.

List of supported Web Browsers:

Erase utility provides support for Google Chrome, Mozilla Firefox, Opera, Safari, Camino, OmniWeb, iCab, Netscape Navigator, and Flock web browsers.

List of supported Instant Messengers:

Erase utility provides support for Messages, Adium, ICQ, and Skype.

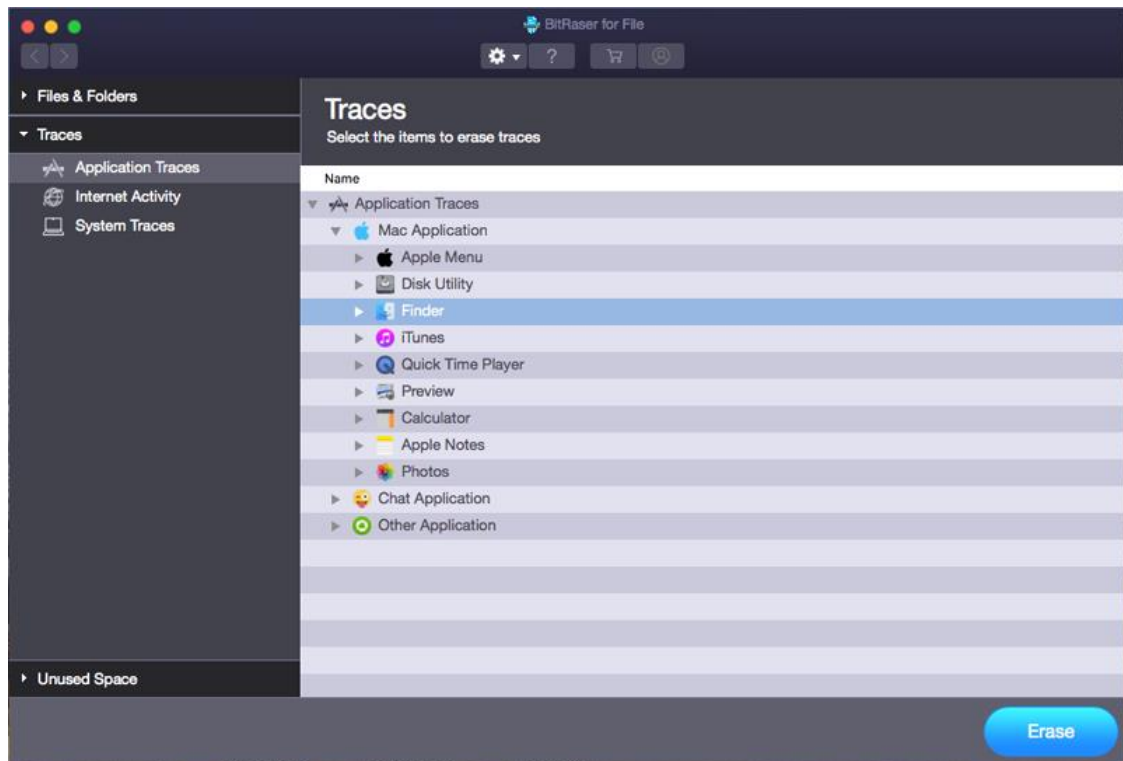
List of supported System Logs:


Cups Access Logs, Install Logs, Mail Logs, PPP Logs, Samba Logs, All System Cache, Web Sharing Access Logs, Diagnostic Messages (syslog), FSCK Logs, Bash History, Disk Utility Logs, Saved Application State, Diagnostic Report, Apple System Logs, Google Drive Log, Flash Player Install Manager Log, Sync Service Log, LKDC Setup Log, iOS Simulator Logs.

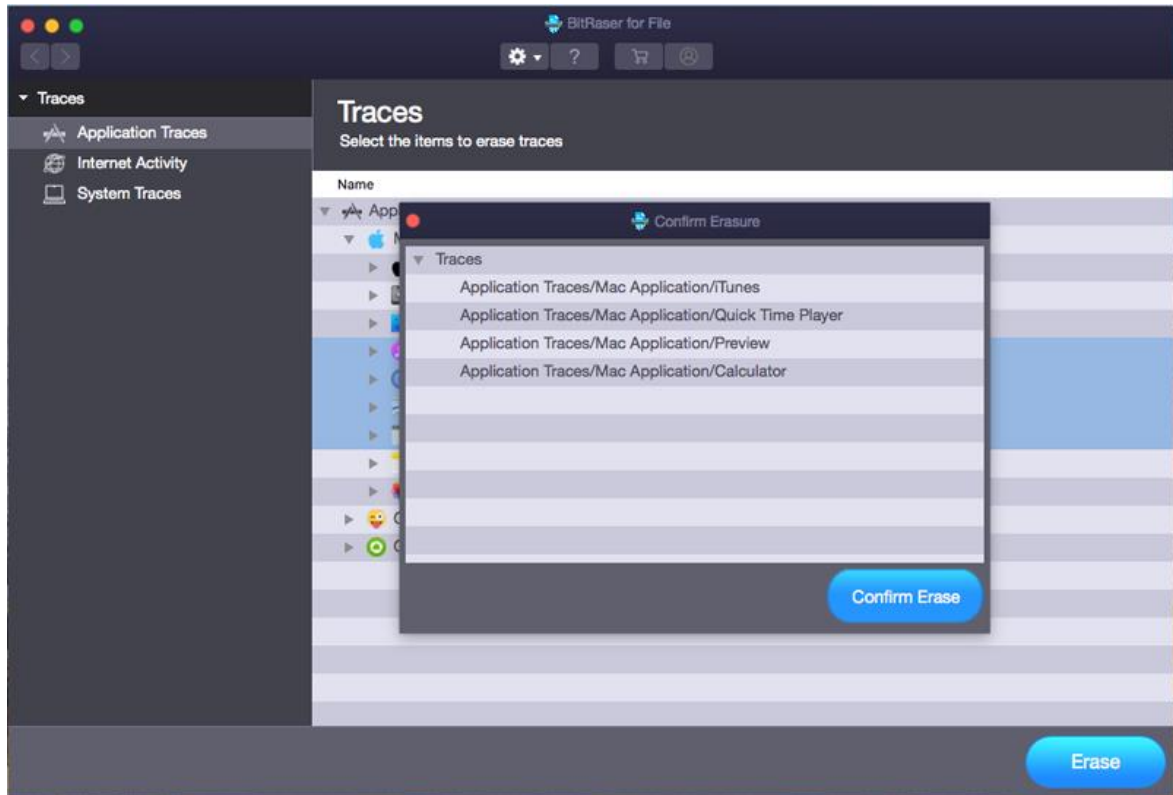
To erase system history and web logs:

1. Run **BitRaser for File**.
2. Select **Traces** option from the Main Interface window. Click **Next**.

3. A window displays with a list of supported web browsers, instant messengers, recent file history, application traces, and system logs available on the computer is displayed as shown below :



6. Select the item from list that needs to be erased.
7. From Preferences  button, select Erasing algorithm for secure deletion. Click OK.
8. An erasure confirmation dialog box is displayed. Make sure that you really need to erase data. Click **Confirm Erasure** button to start the erasure process.



9. You can stop or abort the process by clicking on the **Stop** button.
A message will display after the successful completion of erasure process.

Note:

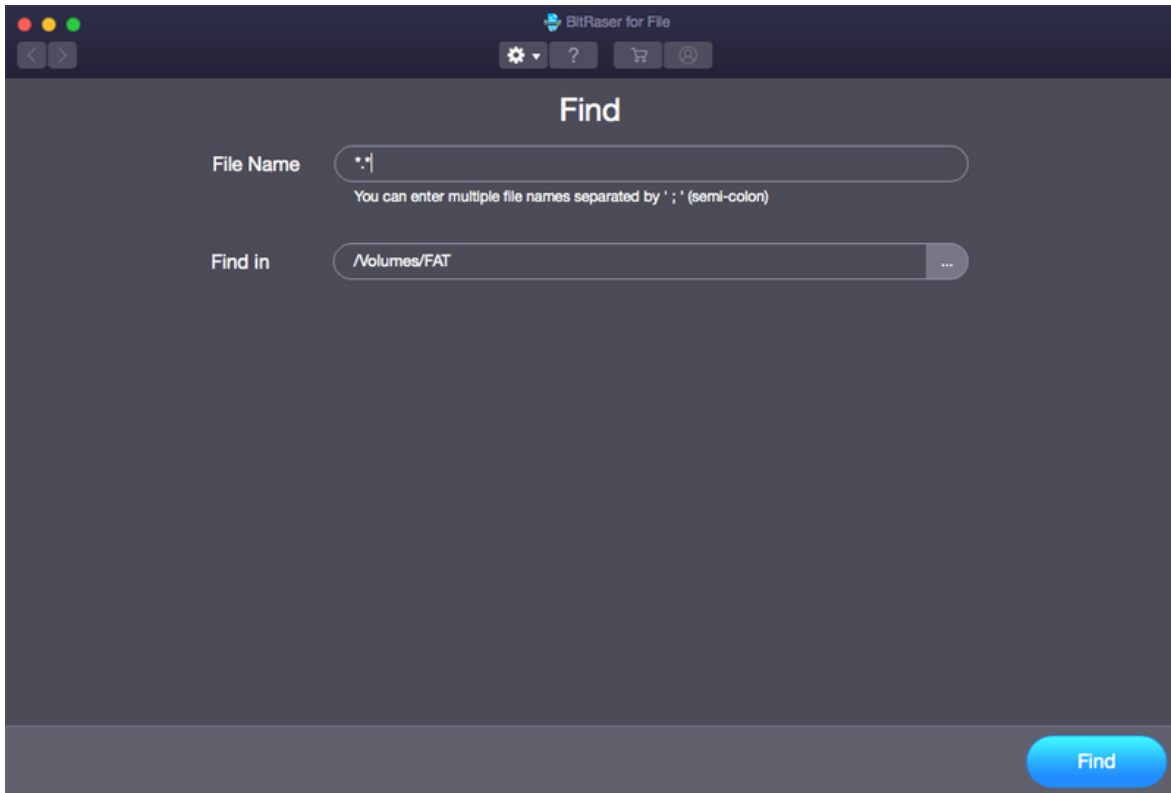
- *All the applications should be closed at the time of erasure.*
- *After the successful erasure, it is mandatory to restart the system.*

3.4. Search & Erase

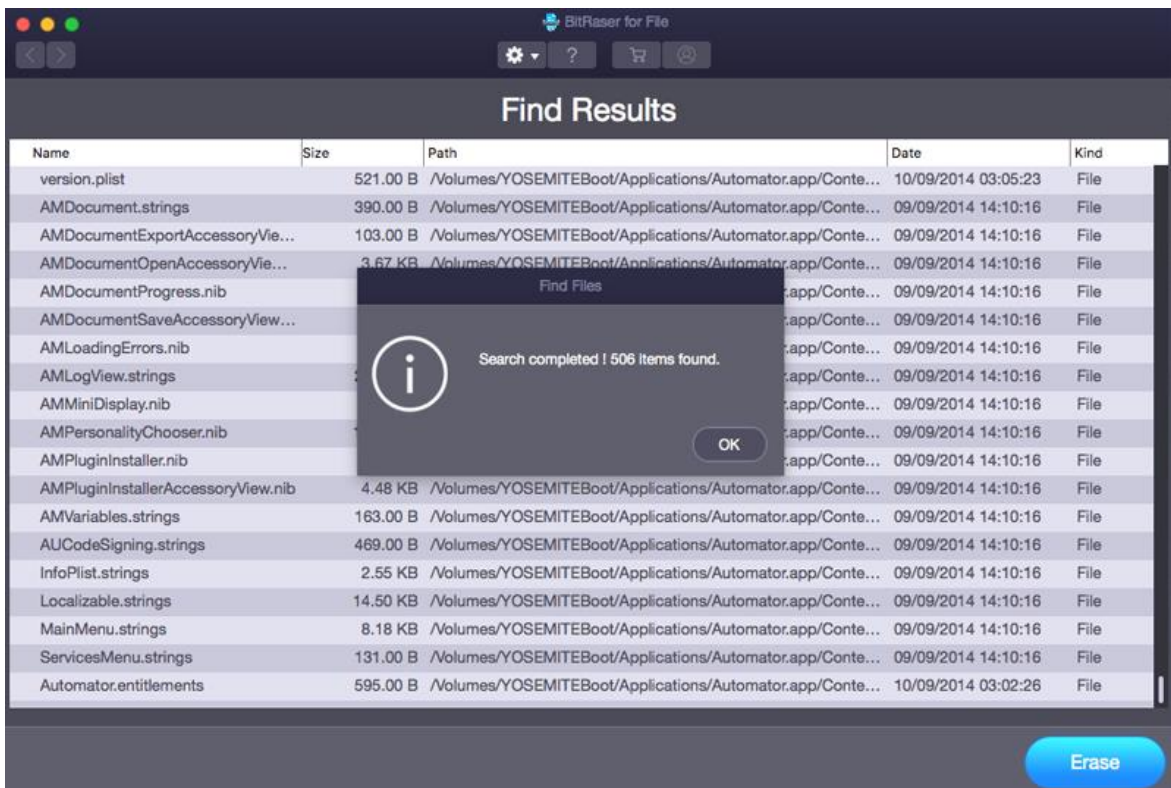
BitRaser for File gives an option to search specified files present in the system and erase them using a suitable algorithm. Using **Search & Erase** option, you can search for multiple files in your computer's drives, folders and sub folders and erase them. Additionally, you can also search for a specific file using its extension in case you don't remember file name.



To search files, follow these steps:

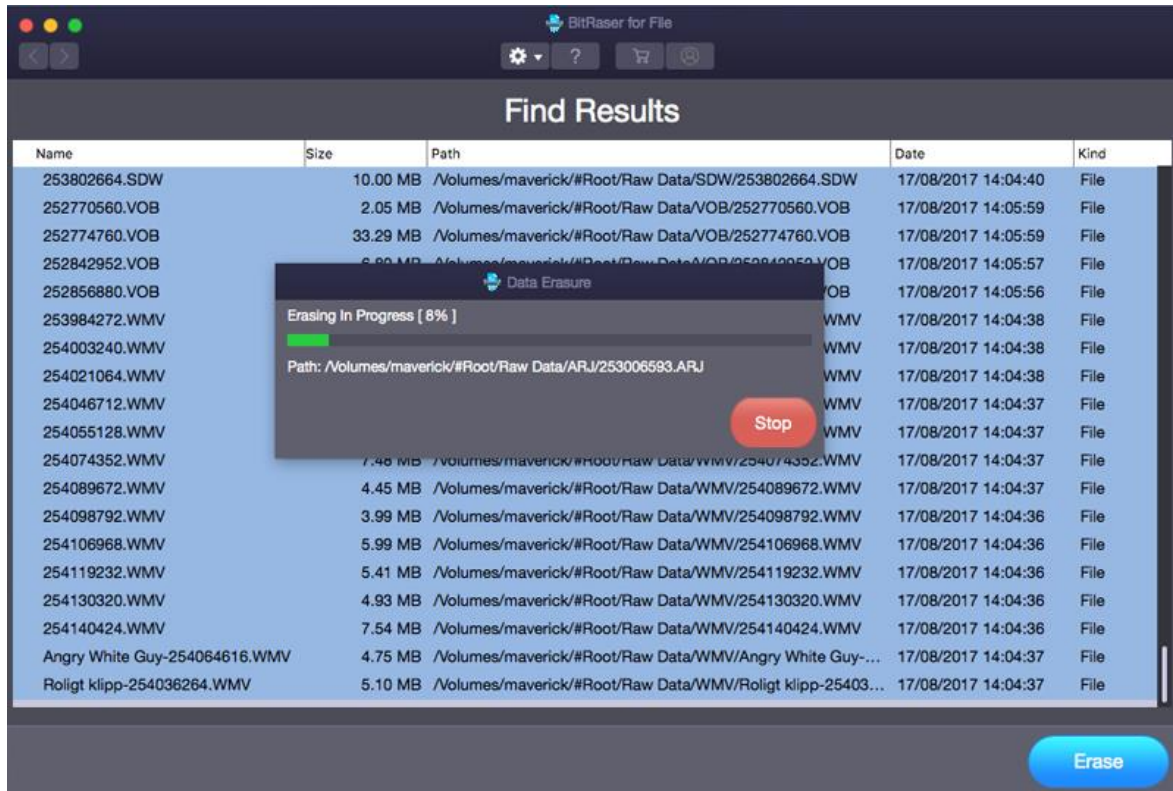
1. Run **BitRaser for File** application.
2. Click **Search & Erase** button from the menu bar. A window opens.
3. In **File Name** field, type the file name with extension of the file you want to search. From **Find in** field, select the drive / folder from which you want to search your file. Click **Select Full Volume** option if you want to search files within the entire drive.
4. In case, file name is not known you can simply enter the extension and all the files with the extension will be listed. The file name or extension is added to the search list. Follow the above steps if you want to add multiple files to search list. Click **Find** button.




5. After the search is finished, a list of files found in the selected drive is shown as displayed below.



- In case you want to navigate back to the previous window, click  button.
- From Preferences , select Erasing algorithm for secure deletion.
- Click Erase to start the erasure process. Erasure progress is displayed as below:




- You can stop the search process anytime in between by clicking the Stop button.
- From Preferences , choose Certificate Path to generate a certificate for the erasure process.

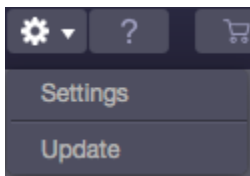
Note: The software does not ask for any confirmation message before erasing the data.

3.5. Set Preferences for BitRaser for File

BitRaser for File gives you options to change erasure settings according to your personal requirements.

To apply the preferences :

1. Run **BitRaser for File**.
2. Click **Preferences**  option in the menu. The drop-down displays 2 options - **Settings** and **Update**.



- 2.1. From the drop-down, select **Settings**. The dialog box displays:

The **Settings** dialog box consists of the following fields:

- **Erase Algorithm** : Select the desired algorithm from the list of provided algorithms.
- **Verification** : Select the desired verification method to verify the data deletion from the respective location.
 - **No Verification** : No verification is done after the traces are erased.
 - **Random Verification** : Random verification of the storage device is done after the erasing operation, that is, randomly selected sectors of the storage device are verified after erasing operation.
 - **Total Verification** : Total verification verifies all the sectors of the storage device after the erasing operation is completed.
- **Log File Path** : Select the location for saving the Log File generated during the erasure process by clicking on **Browse** button.
- **Certificate Path** : Select the location for saving the certificate by clicking on **Browse** button.

Click **OK** to apply the settings.

2.2. From the drop-down, select **Update**.

4. Frequently Asked Questions (FAQs)

4.1. What does the demo version of BitRaser for File do?

Using demo version of the software you can only select volumes and drives. To erase anything, you need to purchase and register the software.

4.2. Why do I need to use BitRaser for File?

Deletion is not secure. When you delete a file from your hard drive, the first letter of the filename in a directory entry is changed to a special character (hexadecimal code E5h). This is a special tag that tells the system "this file has been deleted and the space is free". In fact the file's data remains on the disk. It may remain on the hard drive until it is overwritten. Anybody can easily recover this data using data recovery tools. If this deleted data happens to be sensitive information, you can be in trouble. So that is the answer to why you need to use BitRaser for File. It ensures complete and safe removal of data as it puts zeroes or random data in the space marked as free. Therefore, there is no chance of recovery of deleted data by any data recovery software.

4.3. Does not the process of formatting delete all the data permanently?

No, because the process of formatting only deletes the file system entries from the hard drive, while the data remains recoverable by effective data recovery utilities.

4.4. Does erasure cause any harm to my hard drive?

No, erasure does not cause any kind of harm to your hard drive.

4.5. What are the algorithms BitRaser for File uses for completely erasing the data?

BitRaser for File uses the following algorithms for erasing the data:

- Zeroes
- Pseudo-random
- Pseudo-random & Zeroes
- DoD 5220.22 - M (3 passes)
- DoD 5200.28 - STD (7 passes)
- DoD 5200.22-M (ECE) (7 passes)

- Russian Standard - GOST
- B.Schneier's algorithm (7 passes)
- German Standard, VSITR (7 passes)
- Peter Gutmann (35 passes)
- US Army AR 380-19 (3 passes)
- North Atlantic Treaty Organization - NATO Standard
- US Air Force, AFSSI 5020
- Pfitzner Algorithm (33 passes)
- Canadian RCMP TSSIT OPS-II (4 passes)
- British HMG IS5 (3 passes)

4.6. What are passes in Erasing algorithms ?

Passes in erasing algorithms are number of times overwriting process is repeated. for example, in Peter Gutmann method, a series of 35 patterns is written over the region to be erased.

4.7. If a single overwrite can erase hard disk securely enough, why are there so many data sanitization algorithms?

Not everyone agrees on a data sanitization algorithm that will prevent all possible methods of recovering the data. Since many advanced, hardware based methods of extracting information from hard drives exist, several governmental organizations and researchers have independently devised certain methods of overwriting data that, according to their research, should prevent these advanced recovery methods from working.

4.8. Are there files that cannot be erased using BitRaser for File? What types of files are those?

Yes. For security reasons, you cannot erase system files.