



# BITCLAMP USER'S GUIDE

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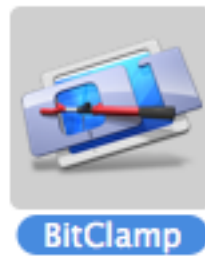
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# GETTING STARTED

## INSTALLATION

Follow these steps to install BitClamp:

- 1** Mount the *BitClamp* disk image file by double-clicking it.
- 2** Click and drag the *BitClamp* application to your *Applications* folder, or any other folder on your hard drive.



## REGISTRATION

Follow these steps to register BitClamp with your purchased license code:

- 1** Choose *Enter License Key* from the *BitClamp* menu.
- 2** Enter your *Name* and *License Code* as sent to you in the email confirmation when you purchased.
- 3** Click the *Register* button to complete your registration.

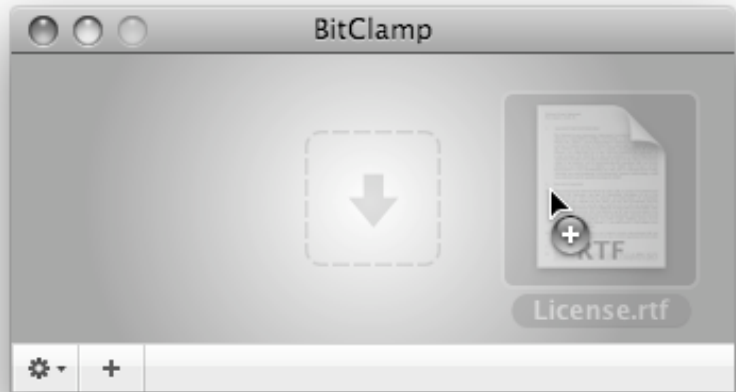
Upon successful registration of BitClamp, the trial limitations are removed.

# ENCRYPTING FILES

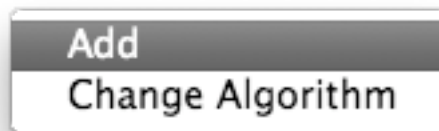
## ADDING FILES

To add files for encryption, use any of the following methods:

- 1 Drag the desired file onto the initial window.



- 2 Click the **+** button and choose a file.
- 3 Click the *Action* button and choose *Add* from the menu.



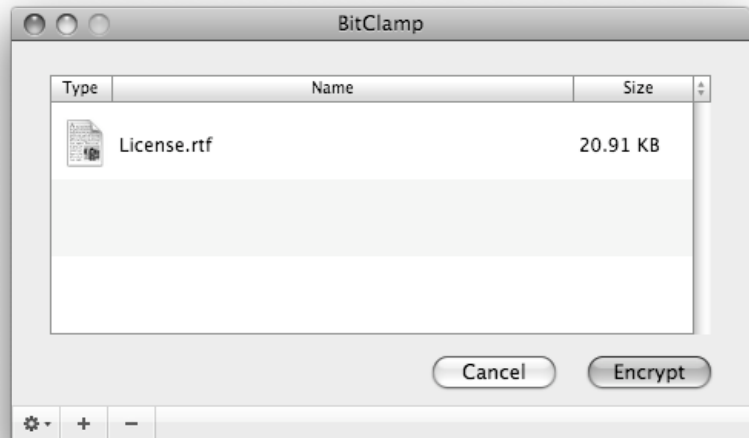
### TIP

You can also add items using the *File* menu, or by using the **⌘ + O** keyboard shortcut.

## MANAGING THE ENCRYPTION LIST

To remove or otherwise modify files in the encryption list, use the following steps:

- 1 Select the file in the list by single-clicking it.
- 2 Click the - button at the bottom of the window.



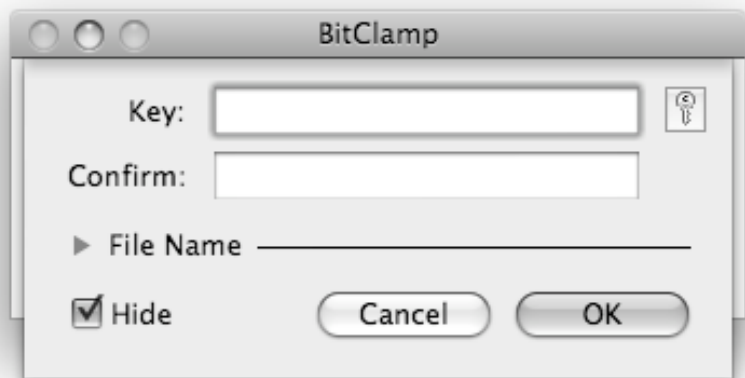
### TIP

You can also remove items from the File menu, or by using the **⌘ + ⌘** keyboard shortcut.

## CREATING A PASSWORD

After starting the Encryption process, a new window will appear. Use this window to create and enter your password by following these steps:

- 1 Enter a password into the Key field.
- 2 Enter the same password into the Confirm field.



When the *Hide* option is on, your password will be hidden in the fields with bullet point characters for your privacy.



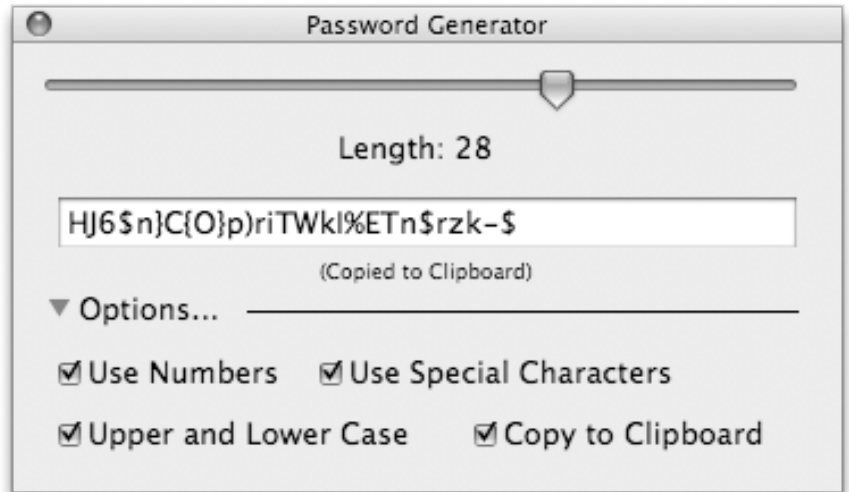
### TIP

You can also use the *Password Generator* window to create passwords. See *over page*.

## USING THE PASSWORD GENERATOR

You can use the Password Generator to create secure passwords for your encrypted files. To access and use the Password Generator, follow these steps:

- 1 Click the small key button next to the Key field.



- 2 Use the slider to change the length of the password.

You can modify the password using the various options, choosing to use Upper/Lower case, special characters and numbers.

## THE ENCRYPTION PROCESS

During the encryption process, you can cancel by clicking the Cancel button.



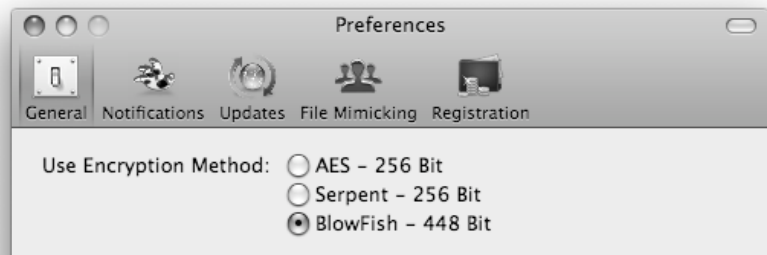
If the encryption process successfully completes, you will be notified via your choice of notifications as chosen in the application Preferences.



## CHANGING THE ENCRYPTION ALGORITHM

BitClamp offers three types of industry-standard encryption algorithms. To change the encryption method used, follow these steps:

- 1 Choose Preferences from the BitClamp menu.
- 2 Change the encryption method by clicking the radio button for the one you want to use.



### TIP

You can also change the encryption method on a one-off basis by choosing *Change Algorithm* from the *Action* menu on the main BitClamp window.

# DECRYPTING FILES

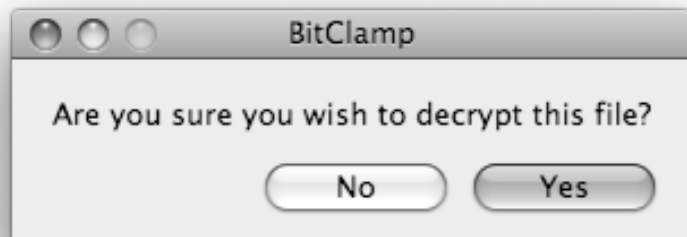
## CHOOSING A FILE TO DECRYPT

To decrypt a BitClamp encrypted file:

- 1 Open the .cdx file in BitClamp by double-clicking on it.

## THE DECRYPTION PROCESS

After choosing a file to decrypt, BitClamp will ask for confirmation if this option is turned on in the Preferences.



# COVERT FILES

## USING COVERT FILES

A principle feature of BitClamp is its ability to create *covert* files. When using covert files, BitClamp does not rely on the file type extension to know it needs to decrypt it.

Any file can be named anything with any extension, and BitClamp will know to decrypt it. This is a great additional security tool, as it prevents others from hacking into data with a particular file extension.

## CONFIGURING COVERT FILES

Configuration of your default file name and extension is handled through the preferences window. (See *Preferences*)

# FILE MIMICKING

## USING FILE MIMICKING

File mimicking is an extension of the idea of covert file types. However, with file mimicking the encrypted file does not appear corrupt when opened in anything else other than BitClamp.

Instead, the file will open exactly as the file you have “mimicked” would have. So essentially they are standard files with your encrypted data nested inside.

For example: you are encrypting a file “importantdocument.doc” and you choose to mimic “familypic.jpg”. Once the process has completed another “familypic.jpg” will appear wherever you have selected to save your files in BitClamp’s preferences (see *Preferences*). When you open it in an image viewer/editor it will appear exactly as familypic.jpg did before it was mimicked.

However, drop it on BitClamp and it will decrypt as normal.

# PREFERENCES

## GENERAL PREFERENCES

Here you will be able to customize most aspects of the program.

On opening the preferences window you will be presented with the General Preferences pane:

The controls are fairly self explanatory, but here are the options.

- Ask for Decryption Confirmation

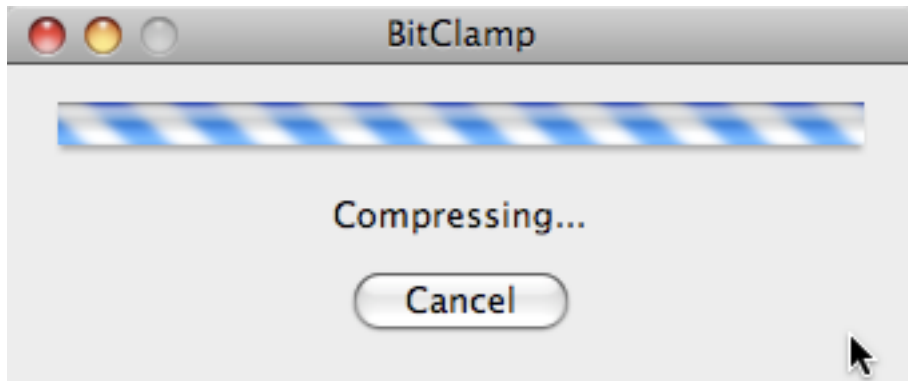
If this preference is unselected, when you decrypt a file it will not ask for your confirmation (see *Decryption*), but instead move straight onto asking you for the password.

- Confirm Password

With this checked, when entering your password for encryption the confirmation field will be present and you will be required to confirm your password. This is enabled by default.

- Compress Encrypted Files

Here you can decide whether BitClamp compresses your files as well as encrypts them. It uses standard GZip compression. If you have this selected you will notice a “Compression” stage when encrypting (shown below).



- **Show Password Strength Window**

If this is selected a floating window displaying a bar reflecting the strength of your password will be opened when you type your password.

At the moment this simply works on the length of your password, but this will change.

- **Save Files To:**

Here you select where your encrypted files will be saved (your decrypted files will always be saved to the desktop). Press the "Browse.." button to choose which folder your files are saved to.

- **Default File Name**

This is the name (excluding the extension) that your encrypted file will be saved as.

- **Default File Extension**

This is the "covert" file extension that your file will be saved with. Choose from the drop-down menu or type your own. If you create your own, it will be added to the list and available for you to choose next time you launch the program.

## NOTIFICATIONS

The notifications pane is where you can control how BitClamp alerts you when your process has completed or there is an error.

Simply check or uncheck the methods of notification you would like.

## UPDATES

BitClamp uses [Sparkle](#) to update. The update process should be self explanatory, however we have a preference pane within the application.

Simply press “Check Now” to immediately update your application.

Here you can also toggle whether or not the application checks for updates at launch.