

# Encryption

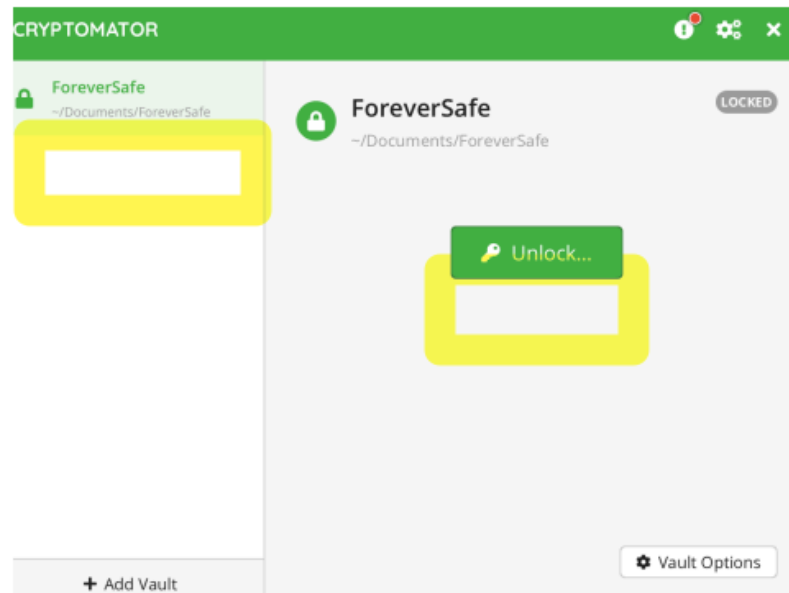
Tuesday, 11 April 2023 18:03

## Why do we need to encrypt our documents?

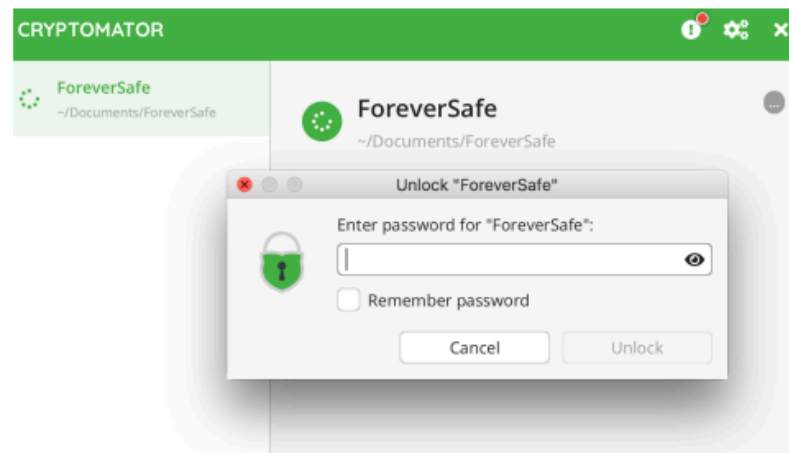
We are tending to save more and more content on the cloud or what if we want to share one document through mail? Share it unencrypted is not a problem as long as we are comfortable with that information being made public. If we consider the information has some intellectual value or privacy, then we don't want to do that probably. The information in mail or cloud servers in general is saved either unencrypted or encrypted with a "key" that Service Providers can use to decrypt by own interest, petition of law enforcement, "rogue employees" .

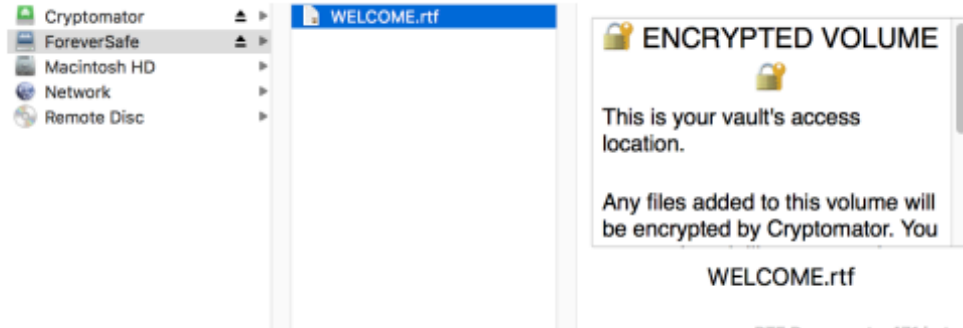
## Solution proposed

The software Cryptomator allows the use of encryption in a simple and also safe way. It uses a **folder or Vault** that is created at the beginning where all the files encrypted. If you want to read them or add more, you just need to unlock the vault.



The **Vault** can be created in your local device or in the sync cloud drive folder (for instance Onedrive). In this way every time you create or add a file to the cloud that needs to be encrypted, you "unlock the vault" and the virtual drive is enabled and you will be able to add, read, delete,.. Files in the Vault folder.





## Installation

The software is very simple to install, [cryptomator.org/downloads/](https://cryptomator.org/downloads/). For more information take a look on the website and you can also check this [video](#) for more details and step by step information to install.



## Letter of Caution

If you cannot remember the key or passphrase you have inserted in, you won't be able to access the unencrypted files. Therefore the software comes with an additional feature, that is to mask a recovery password in a random file that is generated.

You either remember the password 100% or you need to use this option when creating the vault and save this random file in a place you know and remember (Not in the cloud... for obvious reasons).