

## **VIRTUAL DRIVE**

## **Guide for Windows**



**Virtual DRIVES with** 

**AES 256 Encryption** 

that can be **Shared** in Closed Groups and used like **Physical Drives.** 

\* Will also work with other cloud storage like iCloud, for which desktop syncronization tools are available.

SoftwareFileProtection.com

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**GoSafe Drive** is designed for secure sharing of information considered to be known only to few people within the organization (close User Groups).

**GoSafe Drive** is also suitable for protecting personal data, financial data and other privacy related information.

**GoSafe Drive** works as a normal drive and you can even install your accounting software in it and keep all accounting data in a music or video file.

With Google drive desktop application uses can synchronize the file and at the same time mount it as a drive locally and use it like any other physical drive (flash drive / pen drive).

Here is a brief guide on how to use "GoSafe Drive" and "GoSafe Drive Key Customizer". GoSafe DRIVE File Protection uses very strong AES 256 encryption mechanism.

There are two steps in GoSafe Drive File Protection

- 1. GoSafe Drive Key Customizer.
- 2. GoSafe Drive.



## Step 1: GoSafe Drive Key Customizer

- > Insert your **GoSafe Drive** dongle.
- Open "GoSafe Drive key Customizer" tool/software.
- ➤ Enter the Dongle password, this is admin password, by default the password is 123456, so make sure that you change the password by clicking on "Change password". Enter the changed password and click on "GO".
- ➤ You can reset your password if you have the encryption keys, click on "Reset Password" and load the encryption key, enter the new password and click "OK".
- Now click on key 1, key 2, key 3, or copy the required keys of existing groups, save the keys in a safe place and click on "Update GoSafe Drive Key".
- ➤ For each dongle you have three keys and hence you can create three encrypted groups.

To create user groups, first make encryption keys for the group and accordingly add the encryption keys in the dongle.

#### For example:

#### **Group 1:**

enggsmdxqflbjnzffrqhlxmubdjsnjjxekpfwutoxlvxzldvukuhmjtggeccwxglsnofrvctqiqfvnoeiuncnybfjcpzbotsyrgb

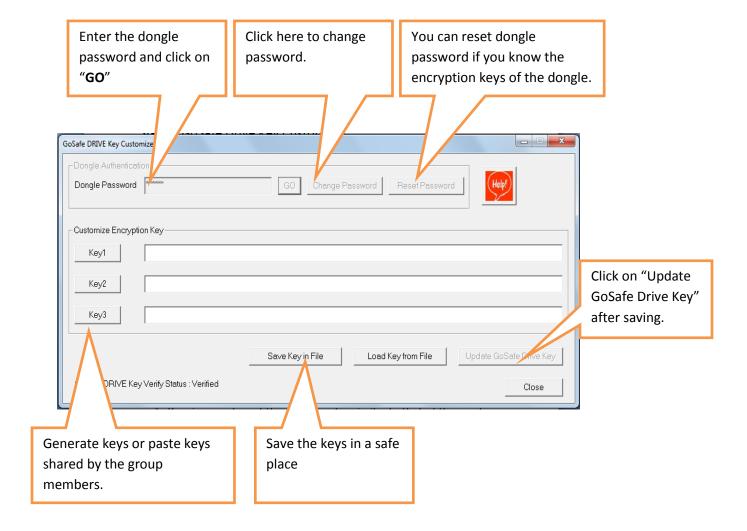
#### Group 2

hykllnviktutwxfbjibueizokeqkwkuvzhfgxawtzktqldvvqeyqdnkupvybaxzwaxnthdfcjstlivinabgosbgzxcnvcxjdoaum

#### **Group 3:**

okhe opglfvkdfkzlzjwbzwqwkwllgxqdh cujbc cefpeus velraz gucawg fqiohnug zelgt soltox ac fnciklkwpcqm kevo frdt vynder of the design of the control of the





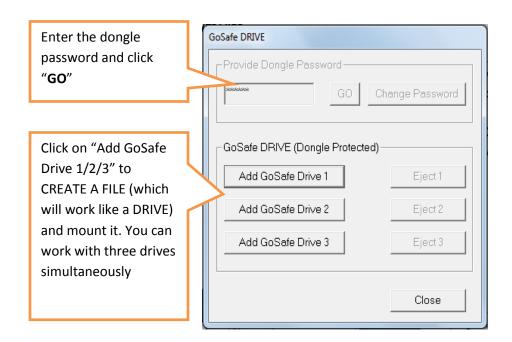
- ➤ Share the key between your group members, Ask the remaining group users to copy the same key, while creating keys in "GoSafe Key Customizer" as key1 or key2 or key3, they can use remaining two keys for two other groups.
- Once you change the keys in dongle you cannot read/write the data encrypted with previous keys.
- ➤ You can generate a lost dongle by loading the same keys which were used to create the dongle into a new dongle.



➤ You can change the dongle keys any number of times (about 1000) times.

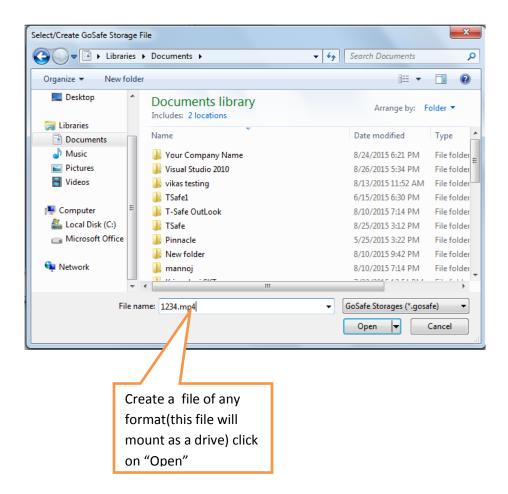
## Step 2: GoSafe Drive

- Connect GoSafe Drive dongle, Open GoSafe Drive, Enter password and click "OK".
- > Click on "Add GoSafe Drive 1".



➤ By default the file will be assign .gosafe extension. You can have any other extension of your choice like .mp3, .mp4, .avi etc and click on "Open".

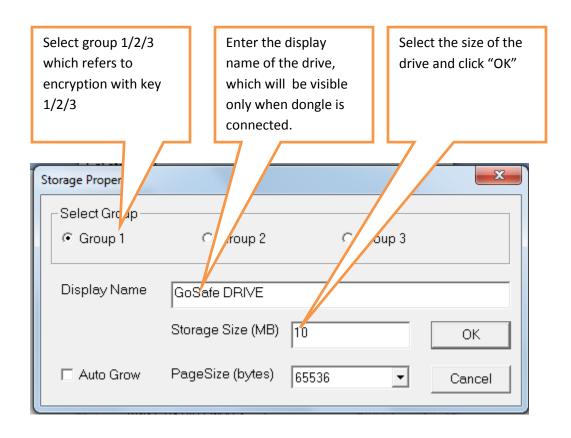


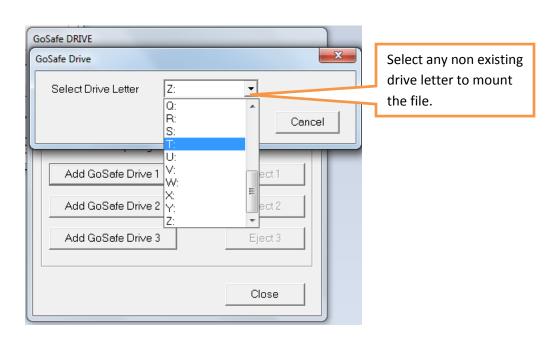


- Now select the group, if you select group 1, then your files are encrypted using key1, similarly for group 2, key 2 will be used and for group 3, key3 will be used. So file will be mountable as a drive using any dongle having the same key (any of three keys in the dongle can match).
- The "Display Name" will be your drive name and it will be displayed when drive is visible (or mounted) so give a name which is more appropriate to identify the data in the drive.
- Select the size of the drive.
- ➤ "Page Size" by default is good, this can be changed by you if you
  have advanced knowledge of how page size works with drive
  formatting and other parameters of the system



## Click "OK", Select any drive letter.









- Similarly you can create two more drives at a time. You can also mount an existing file created previously using same buttons.
- > The file you created will mount as a drive and now you can add your confidential data in the drive.
- ➤ Share the file between your group members, by external devices, emails, **Google** drive, **iCloud**. The persons which whom you are sharing should have GoSafe Drive dongles with the same key as used by you for encryption or creating file.



# Sharing and synchronizing the encrypted file on Google Drive

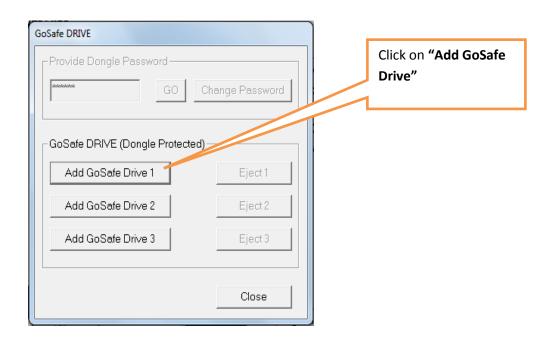


- ➤ Download the Google Drive desktop application, from <a href="https://www.google.co.in/drive/download/">https://www.google.co.in/drive/download/</a> and Install.
- ➤ Google drive icon will be shown in the taskbar after installation.



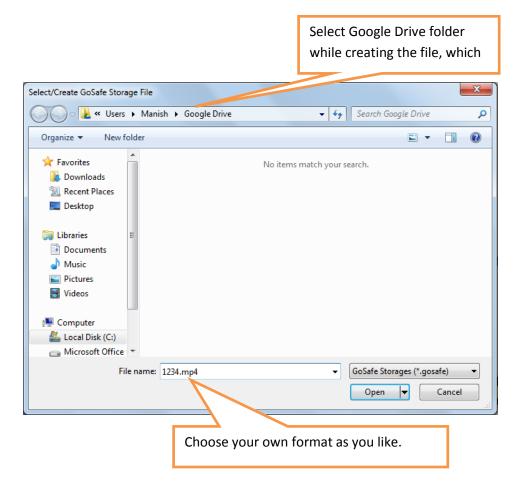


- Default Google Drive synchronization folder isC:\Users\{UserName}\Google Drive\.
- Now open GoSafe Drive Software



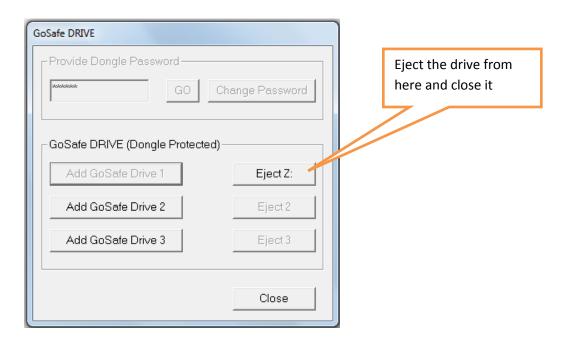
Enter password >> Add GoSafe Drive {1/2/3} >> Create the file in Google Drive folder C:\Users\{UserName}\Google Drive\



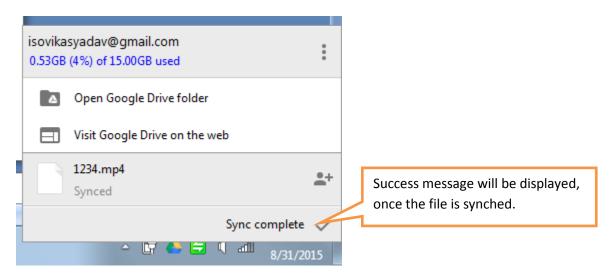


- Click on "Open">>Select "Group">>Enter the "Display Name" >> Enter "Storage Size" >> "OK".
- > Select the drive letter.
- Now the file will mount as a drive in your "My computer". Open the drive and add your confidential data to it. Close the drive as shown below.

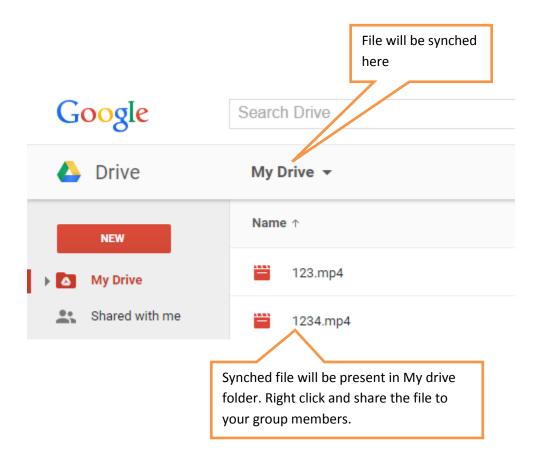




➤ Once you close the drive, file will be synched to your online Google Drive account in "My Drive" folder automatically, and success message will be displayed in the taskbar.

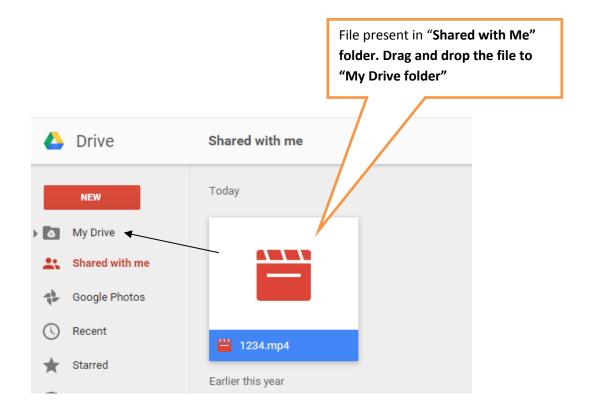






- > Share the file to your group members.
- ➤ Only "My Drive" folder is synched with your desktop so ask your group members to drag and drop the file from "Shared with me" folder to "My Drive" folder.





- ➤ The file will be synched to their desktop in "Google Drive" folder in C:\users\{User Name}\Google Drive.
- ➤ All shared users can mount the file as DRIVE using GoSafe Dongle having same key.