GuardKey FP Manual

Version 1.0.0

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1 Overview

The GuardKey FP encryption software functions like a lock that can protect your private data safely and the key is the fingerprint. By applying biometric authentication technology, you can unlock with your fingerprint through the Windows Hello fingerprint USB device. The “GuardKey” product employs the “SecureZone” mechanism to protect your confidential and sensitive data. You may create one exclusive SecureZone under the Window Explorer in any drive and use it as a common hard drive. In addition, the files in it are encrypted automatically for data protection. When you “lock” the GuardKey FP, the SecureZone will be hidden automatically and becomes locked. If you scan the fingerprint again, the system will automatically unlock the existing SecureZone and open it for operation.

Supported operating system

- Microsoft Windows 10 (32/64 bits with Windows Hello)

2 Setup

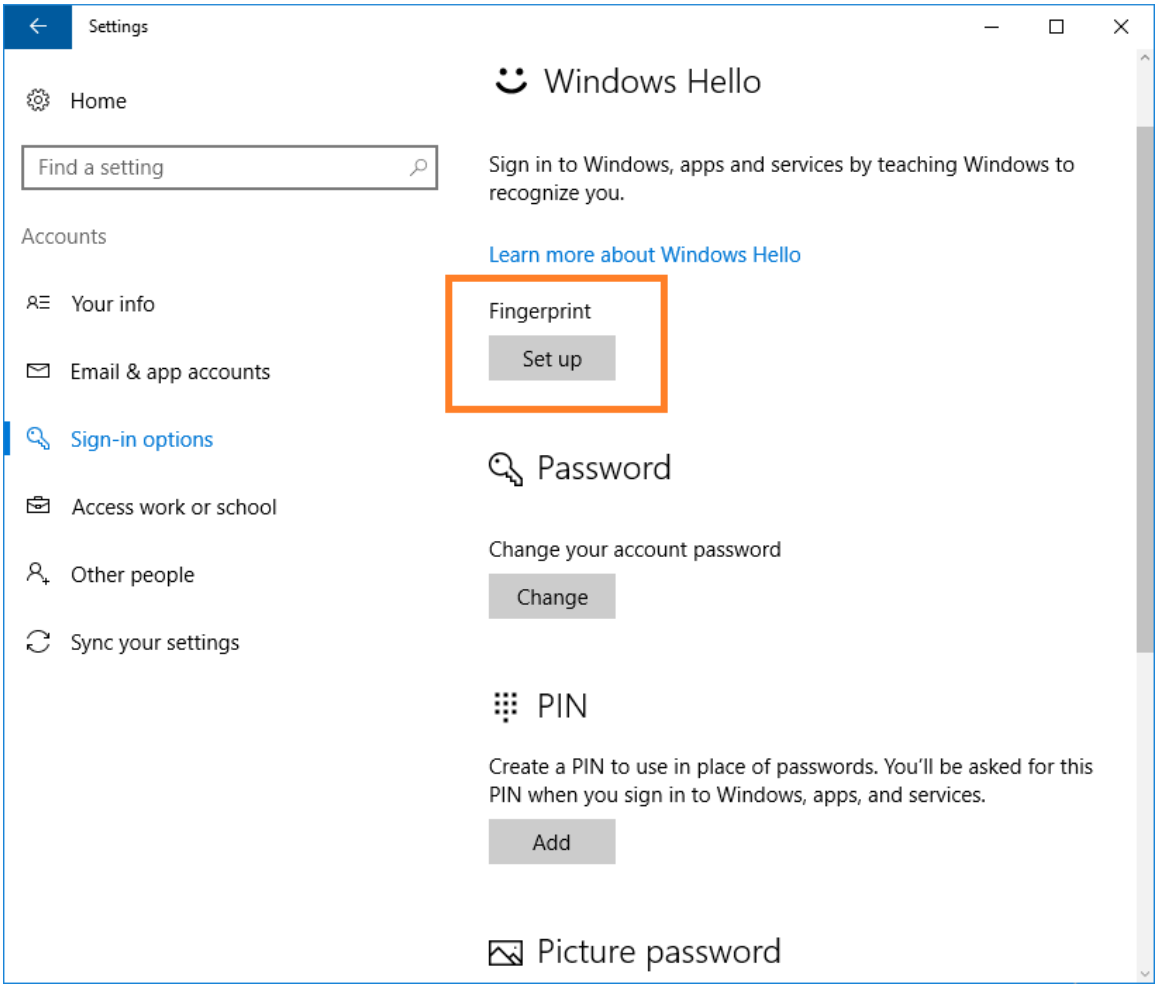
Installation steps

1. Execute the [GuardKey FP] Setup.exe
2. Select installation language, accept software license agreement and click on [Install] to start the installation process.
3. After complete the installation process, you will see the following pop-up screen. Please check [Launch] and click [Finish]

Register Fingerprint

You MUST register your fingerprint into Windows Hello before using GuardKey FP.
Registration steps:

1. Make sure the fingerprint reader is on the computer.
2. Go to **[Settings]** ⚙ **> [Account] > [Sign-in options]**
3. Set up your Fingerprint into Windows Hello.


Settings
Home
Find a setting
Accounts
Your info
Email & app accounts
Sign-in options
Access work or school
Other people
Sync your settings
Windows Hello
Sign in to Windows, apps and services by teaching Windows to recognize you.
Learn more about Windows Hello
Fingerprint
Set up
Password
Change your account password
Change
PIN
Create a PIN to use in place of passwords. You'll be asked for this PIN when you sign in to Windows, apps, and services.
Add
Picture password

3 Basic operations

Notification Area

A GuardKey icon displays in the Notification Area at lower right corner of your Windows desktop. The icon is when it is locked. Left click the icon will show the [Fingerprint window] for swiping the fingerprint to unlock. The icon is when it is unlocked. Right click it to bring up the GuardKey screen with options of: [GuardKey Console], [Check for Update] and [Lock].

- ***Fingerprint window***

  Swipe your finger on the fingerprint reader to unlock the [GuardKey]. If passed, the SecureZone will be open automatically.

- ***GuardKey Console***

  You may add or delete SecureZone and run other features here.

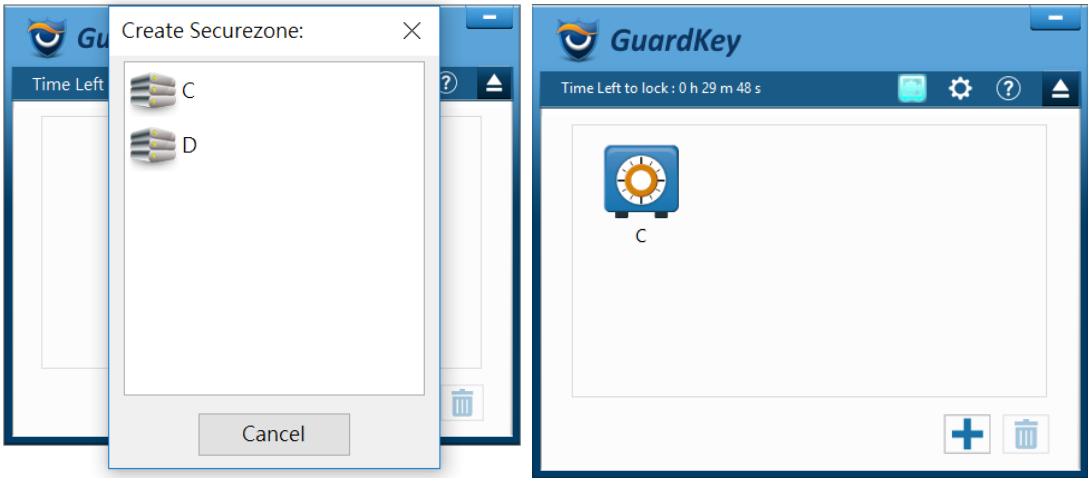
- ***Check for Update*:** Checks whether there is a new update available or not. If so, it will automatically download the version.
- ***Lock*:** Close the SecureZone and Locked.

How to operate your SecureZone

A SecureZone is a virtual drive on your computer encrypted by the GuardKey with AES256 encryption. You can access and edit files in the SecureZone without any changes in dealing with them otherwise. You can add and delete SecureZone from GuardKey Console. The SecureZone is based on source physical drives. It shares free space of the source disk drive and makes no changes to existing files in it so that you can use them easily.

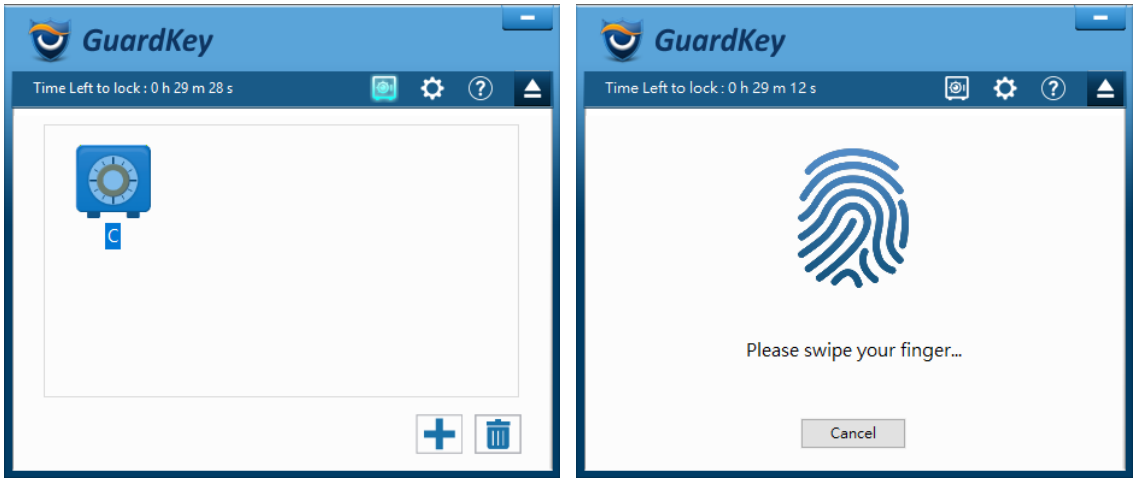
- ***Add new SecureZone***

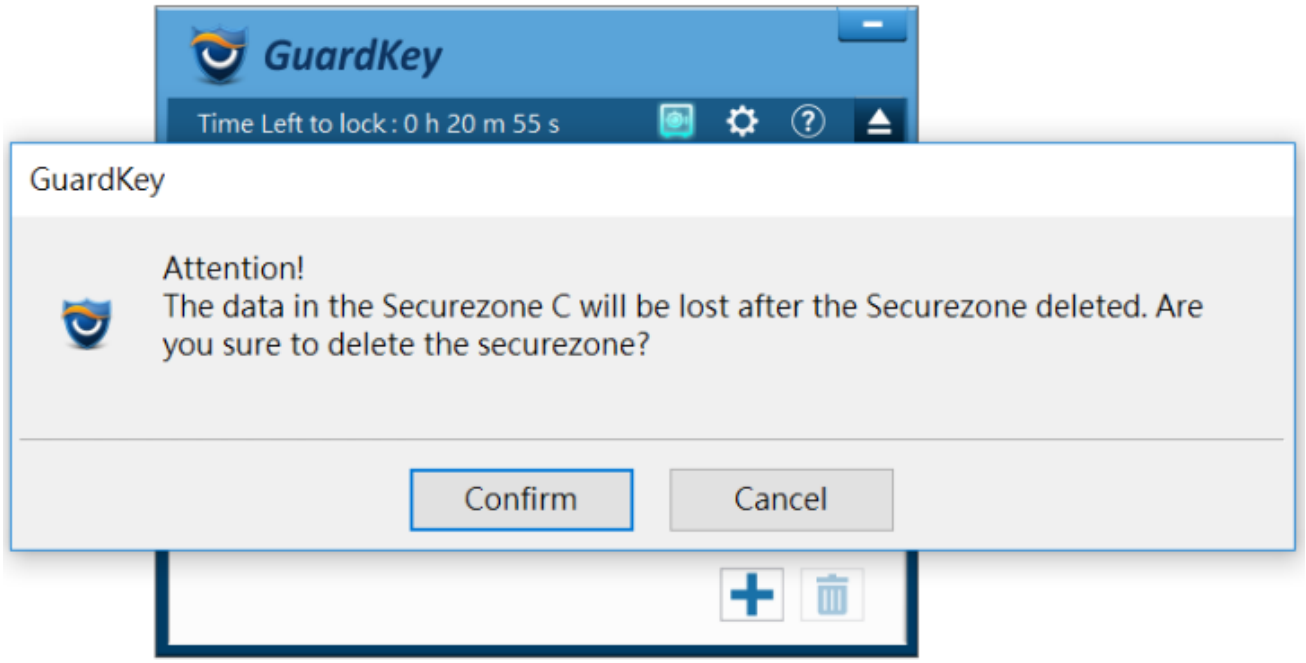
  Click the “+” icon at GuardKey console to bring up the [Create SecureZone] dialog box. Select the target disk drive, the GuardKey system will then start creating the SecureZone of the target disk.



■ ***Delete SecureZone***Select the drive in the SecureZone to bring up the [Delete SecureZone] dialog box.

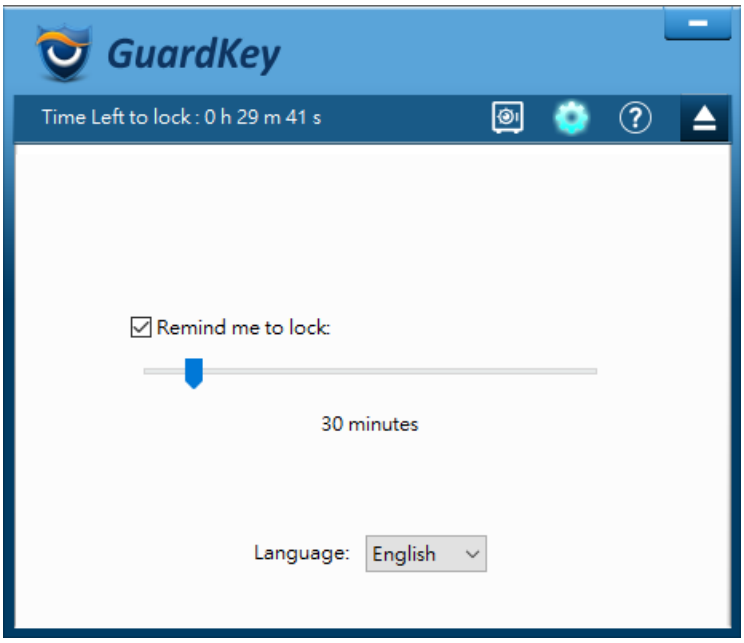
Files in the SecureZone will be erased after the SecureZone is deleted. Please back up data to another place before deleting. To prevent the SecureZone from being deleted unexpectedly or unintentionally, the GuardKey system may prompt you to confirm the deletion by swiping your finger again.





Options

Click the icon , there are 2 functions: Lock remind and Language.



- **Lock remind**

  You can enable the Lock remind to prevent you forget to lock.

Enable this option, the GuardKey will show the countdown timer on the top bar. If the timer ends, a reminder window will pop up. If you ignore the remind windows, the GuardKey will lock later automatically.

- **Language**

  Select the language to display.

4 Q & A

Can GuardKey FP and Other GuardKey edition be install into the same computer?

Ans: No. You should uninstall one before install another.

If I got lost my fingerprint USB, how should I do?

Ans: Buy the same one to plug into computer again. There is no back door to recover the files without your fingerprint.

Where is the files actually stored?

Ans: GuardKey FP will automatically encrypt the files in SecureZone and save them at the target disk of the SecureZone. For example, the files in SecureZone C will be stored at c: drive and hidden by Guardkey.

What should I do if I want to reinstall my Windows?

Ans: The Guardkey FP may not be unlock after Windows reinstallation. Please make sure to backup all files in SecureZone (move out the files from the SecureZone) before Windows reinstallation.