

**Security  
Application  
Program – SP Guard  
User Manual**

V2.46

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## Introduction

- This SP Guard security application program applies **only** to series of **secure products** . Usage of this application on other products is prohibited.
- Plug in only **ONE** device at a time. **DO NOT** plug in two or more secure devices at the same time while running this security application program - SP Guard.
- Windows 98 users, please install driver first before plugging in your device and running this application program.
- Windows 2000 users, please upgrade to **Service Pack 3 (SP3)** or **Service Pack 4 (SP4)** first before using this security product and application program.
- This security application program –SP Guard is designed for Windows/Mac/Linux base operating system.

## A. General Description

The product you have is a USB Flash Memory Storage Device with security function. This security function provides you with secured privacy for your personal data. It lets you to set up your own password with a maximum of 16 characters and adjustable public and secure area.

Securing your data had never been easier .The SP Guard provides user with convenience and privacy, as well as the high security for data stored on you USB flash memory storage device. Feel safe with the SP Guard security function.

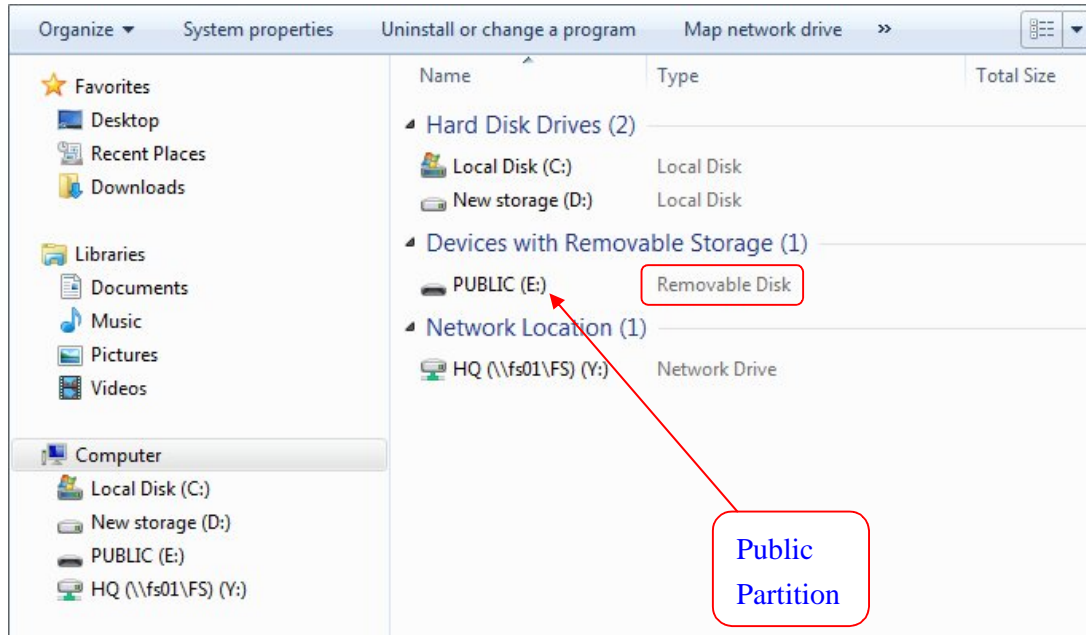
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## B. Features

- (a) **Disk Free** – pre-programed on the device so you don't have to carry the program with an extra CD-ROM disc or floppy disk.
- (b) **Easy to Operate** – the program is user friendly with pictorials and easy to understand icons and descriptions.
- (c) **Customized Password** – users can choose a password of their own from 1 character to a maximum of 16 characters.
- (d) **Fixed Password Retry** – users are only allowed to type in the password 5 times, when typing in the wrong password for the sixth time; the drive will be formatted to protect the data from being exposed to others.
- (e) **Friendly Reminder** – there is a password hint function available, in case users forget his/her password. Users can set up their own password hint with a message no longer than 32 characters.
- (f) **Multi-Language Support** – available in English, Japanese, Simplified Chinese, and Traditional Chinese language interface. The program will default automatically by the detection of the language used by the operating system. The primary default interface is set to English

## C. Before Using the Security Application Program – SP Guard

When you plug in your device to a USB port, your operating system should recognize the device and show a “Removable Disk” icon. This is the “Public” partition and the security application program - SP Guard will be stored in this partition.



### Partition 1 – Secure Area

This secure area is protected by password and can only be accessed by typing in the correct password. If **NO** password exists, then you cannot use this partition.

### Partition 2 – Public Area

This area is “Always Open” to all users using the device. Users can read / write data to this area any time. The security application program –SP Guard will be stored in this partition. Password security will only apply to the secure partition and will not affect this partition.

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## D. Introduction to the Security Application Program – SP Guard

### D1. Main Screen



Move mouse cursor to the icons, and the friendly description of the button will appear within a second.

### D2. Set Password / Change Password



Press the top right hand button to setup or change your password.


**Setup Password :** If there is no password that exist, simply enter a password of your choice within 16 characters; you may also enter a password hint (maximum 32 characters including spaces) of your choice to remind you of your password in case you forget your password.




***NB : You can only type in English letters and numbers.***

Tick the “Show Password” box, if you want to see what you are typing.



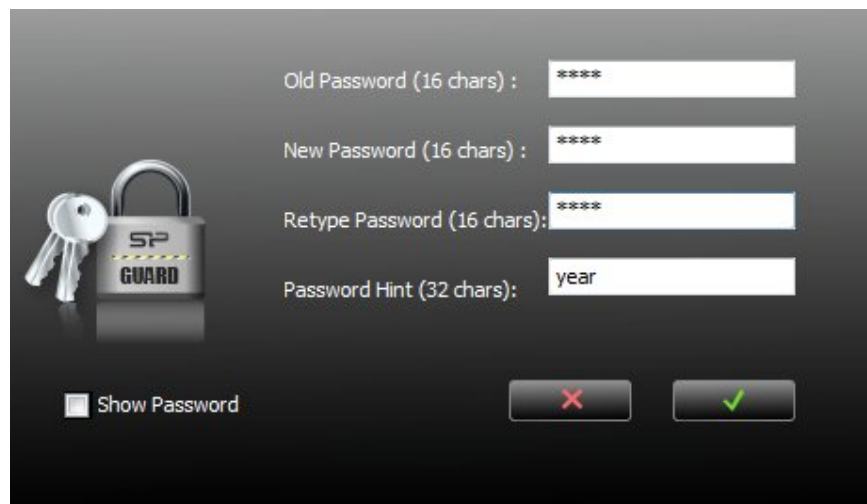
When ready, press  (apply) to save the password and password hint. You will see the following messages telling you that the password had been changed and device will be locked automatically when you remove it from the USB port or if there is a suspension in power.



Press  (cancel) to cancel the set up procedure, if you do not wish to save the password and password hint.




**Change Password:** Enter the current password and new password of your choice; you may also edit the password hint at the same time.




Tick the “Show Password” box, if you want to see what you are typing.



Press  (apply) to save changes to the password and password hint. You will see the following messages telling you that the password had been changed and device will be locked automatically when you remove it from the USB port or if there is a suspension in power.




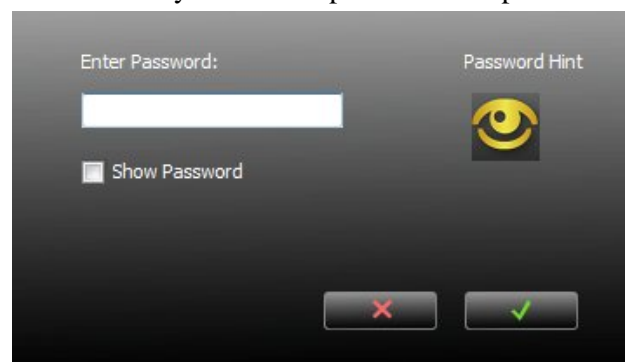
Press  (cancel) to cancel the change password procedure, if you want to keep current password and password hint.

### D3. Disable Password



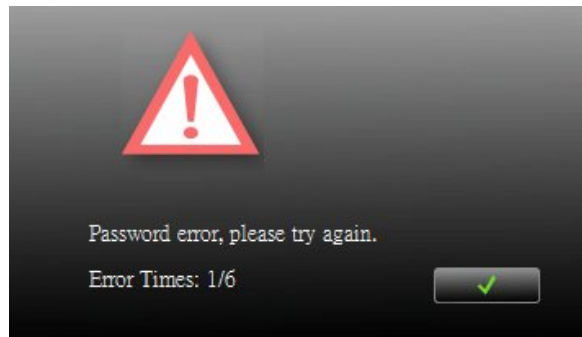
Press the second button on the right to “Disable” (remove) the password.

You will be prompted to enter your password. Press  (cancel) to cancel, if you do not want remove your current password and password hint.



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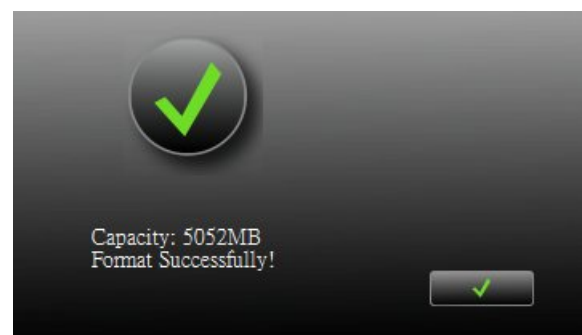
You have six chances to enter the password correctly, before your device gets formatted.



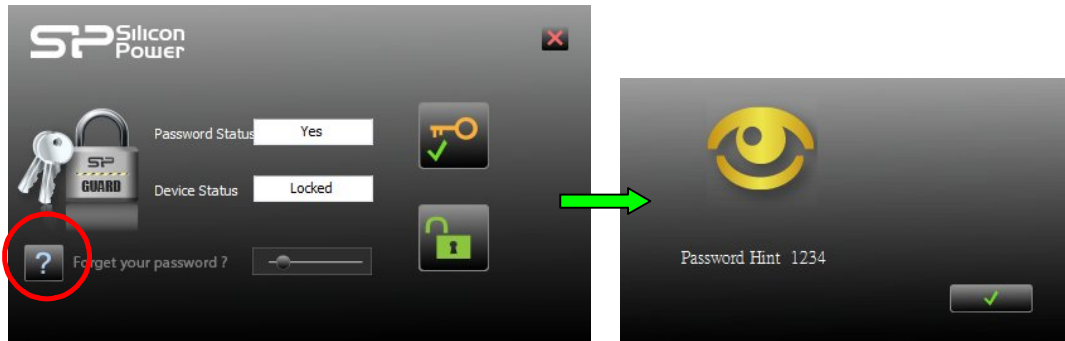
You will be reminded with the following message if you have typed in the wrong password for the fifth time.



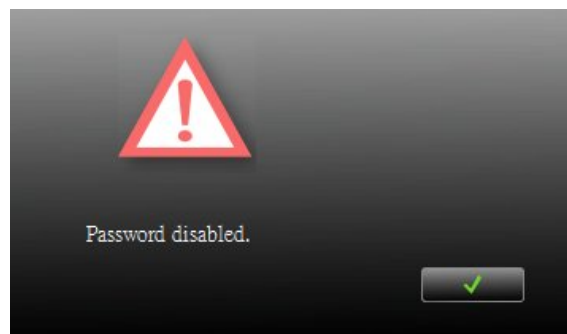
If you typed in the wrong password for the sixth time, your device gets formatted automatically.



If you have forgotten your password, click on the password hint and see if it reminds you with your password.

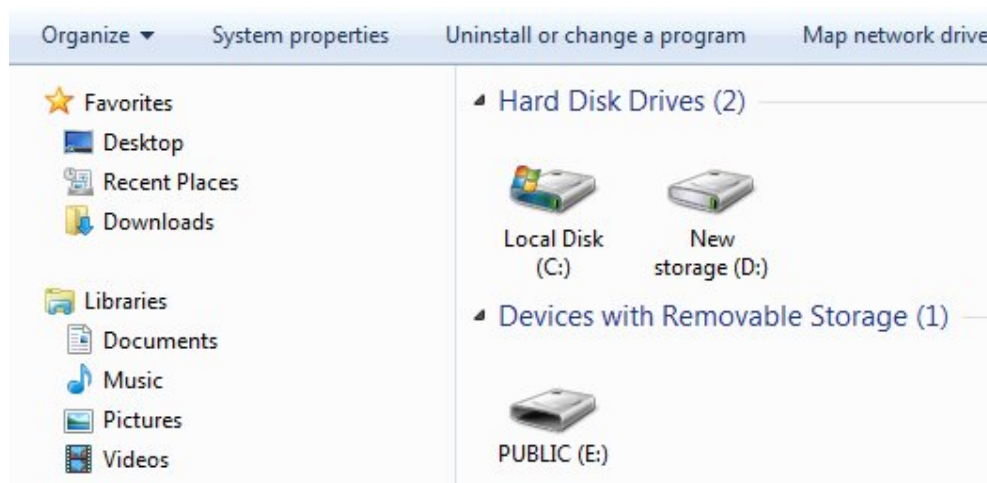


Enter the correct password and your password will be disabled (removed).




#### D4. Unlock Device

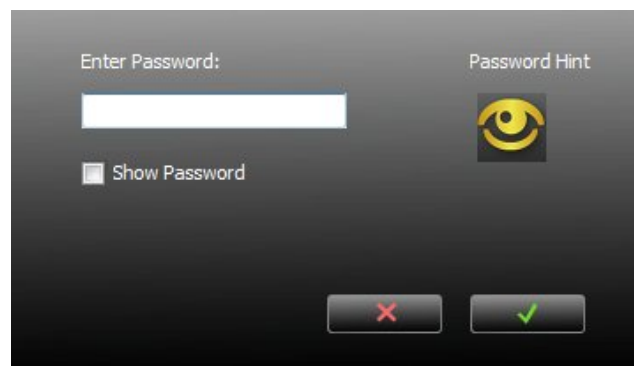
If you have setup a password, when you removed your device from USB port (or if there is a suspension in power), partition 1 of your device gets locked automatically. You will not be able to access this partition 1, nor read or write data to this partition 1.



Press the third button on the right to “Unlock” the partition temporarily.



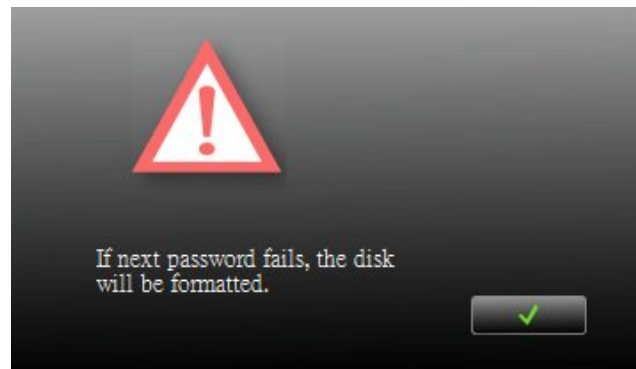
You will be prompted to enter your password. Press  (cancel) to cancel, if you do not want unlock partition 1.



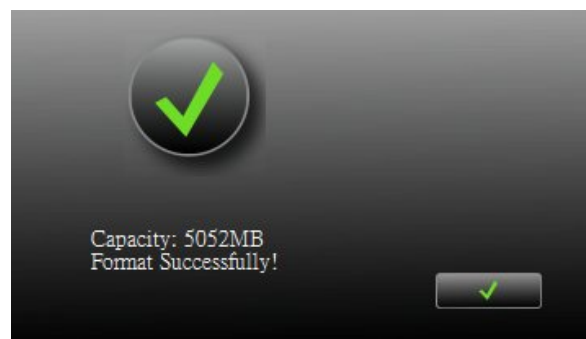
You have six chances to enter the password correctly, before your device gets formatted.



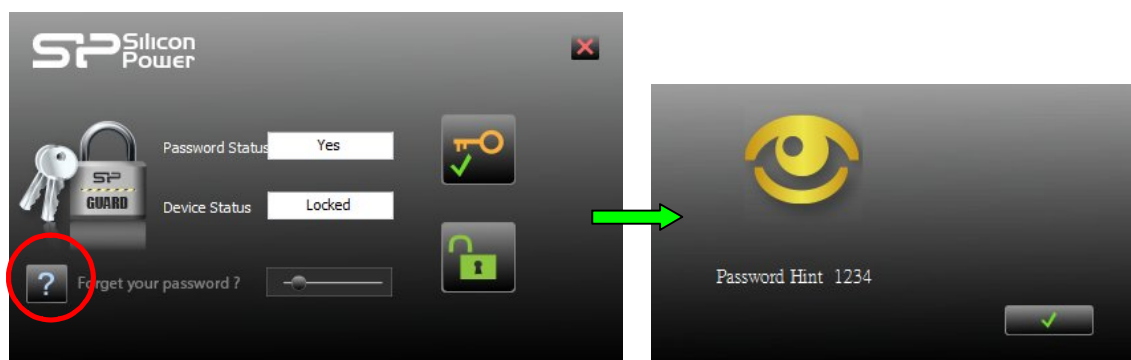
You will be reminded with the following message if you have typed in the wrong password for the fifth time.



If you typed in the wrong password for the sixth time, your device gets formatted automatically.



If you have forgotten your password, click on the password hint and see if it reminds you with your password.

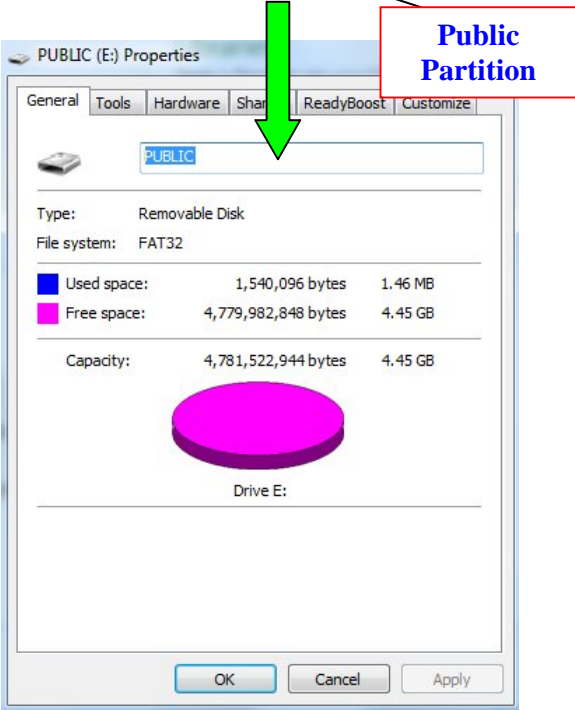
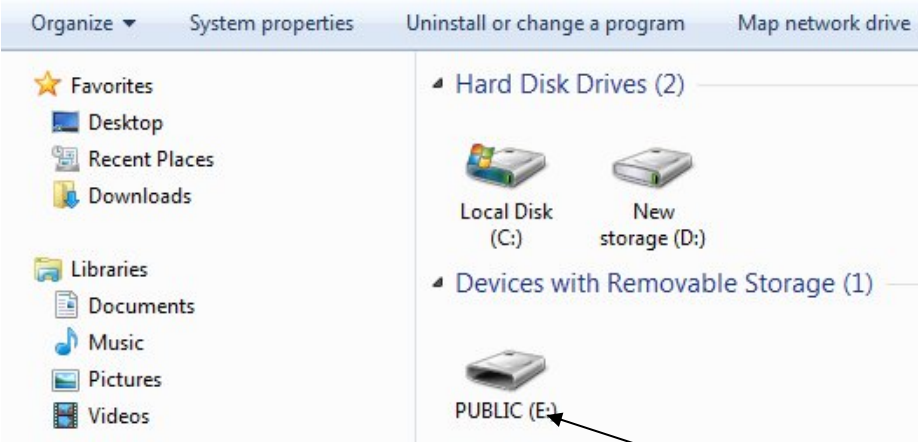


Once you have entered the correct password, partition 1 will available temporarily until you remove your device from USB port or if there is a suspension in power. When partition 1 is unlocked, you can read or write data to the partition.



**D5. Configure Partition Sizes**

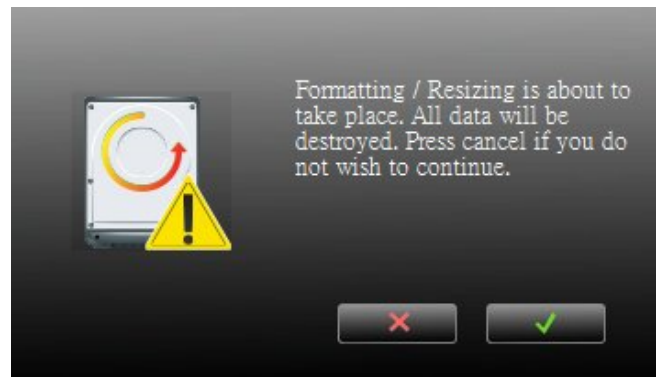
You can change the sizes of the two partitions (public and secure).



Press the middle button on the bottom of the SP Guard application program to resize public and secure partition areas.





A warning message will show, telling you that data will be destroyed. If you have not yet backed up your data, press  (cancel) to cancel the operation and back up your data first; otherwise, press  (apply) to continue.



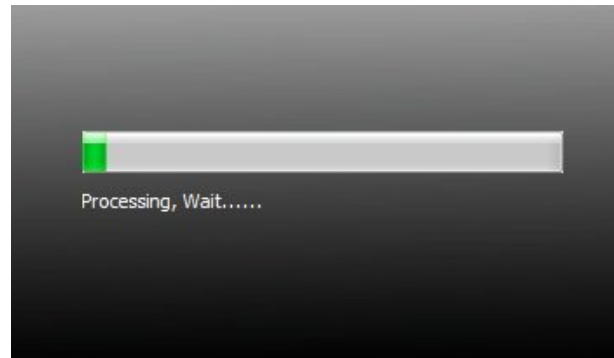
Move the pointer to the left or right to change the size of the public and secure area.  
(Minimum capacity can be set for public area is 2MB)





Press  (cancel) to cancel the operation if you do not want to change the current public and secure area; otherwise, press  (apply) to continue.

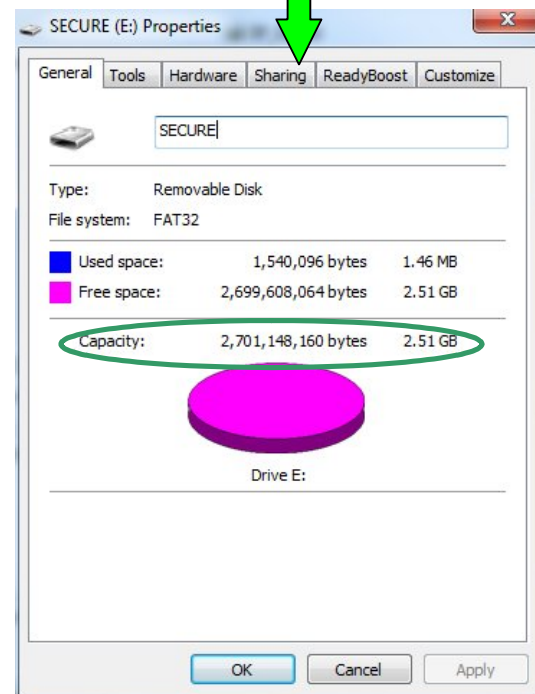
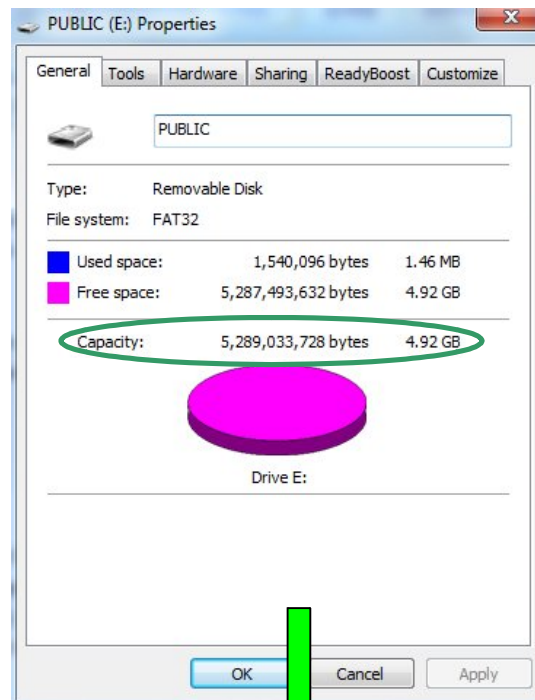
Formatting will then take place, please wait till the “Formatting Completed” message appear.



After configuring (resizing & formatting) your USB device, please remember to remove from USB port and re-plug in again, before start using it again.

You can see the change in capacity sizes of each partition.

### Before Configure Size



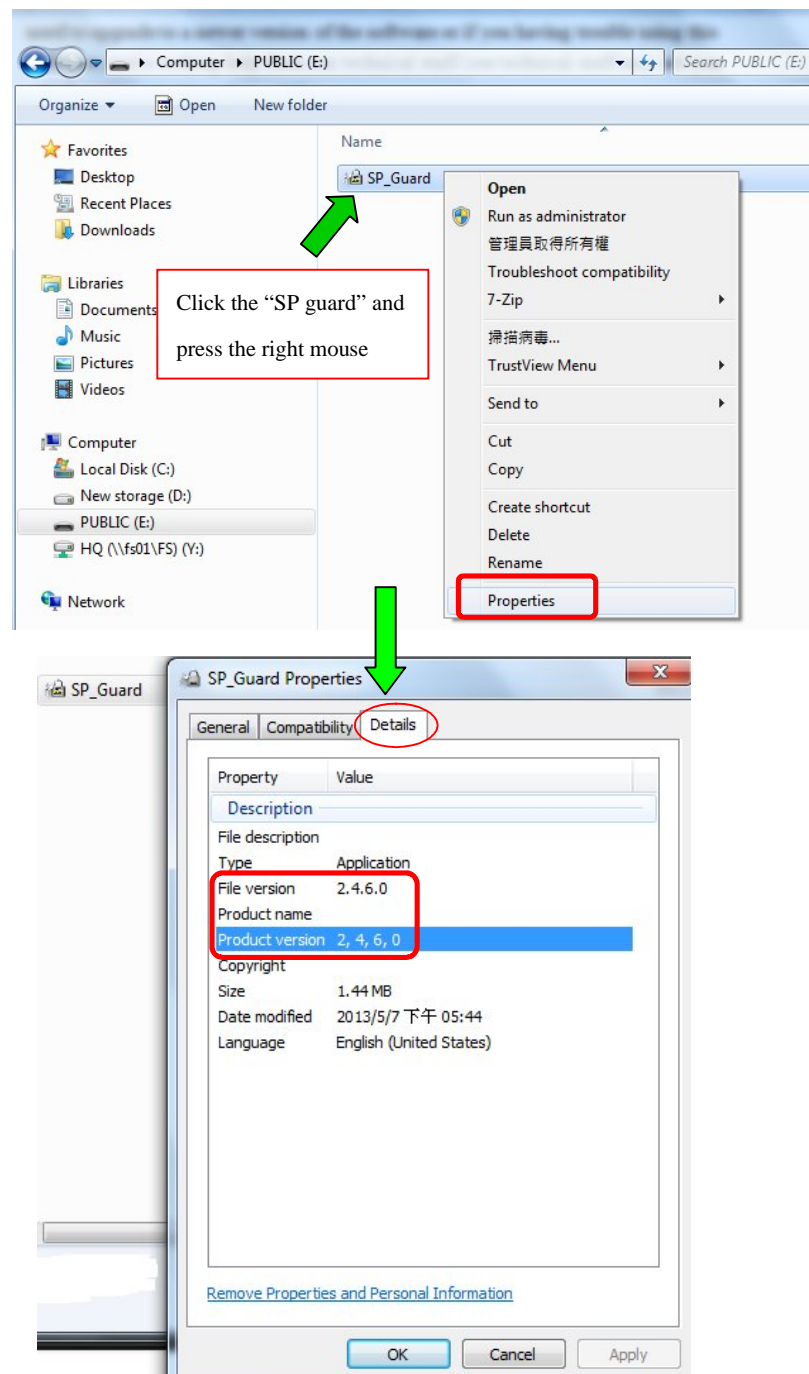
### After Configure Size

**NB :** After configuring (resizing) is completed, all data will get erased, but the security application program will be restored in public area automatically.

## E. Checking the Security Application Program – SP Guard Version

In some situations it is necessary to know this information. Situations like whether you need to upgrade to a newer version of the software or if you having trouble using this software, and is seeking help from our technical staff (our technical staff may ask you which version you are using...etc).

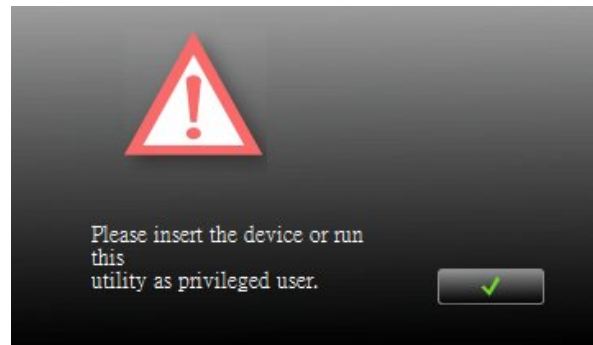
Please follow the steps below and the version being used will be displayed.



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## F. Running the Program As Privilege User ?!

Some user may see this following screen.



Check and make sure that you have plugged in your device and your Windows operating system recognises your device. Otherwise, please check FAQ Q3 for more detail.

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## FAQ – Frequently Asked Questions

**Q1 My Windows 98 cannot detect my device, what can I do?**

- A1** Make sure you have installed the latest device driver for your device. If you have already done so, but Windows still cannot detect your device, please try the following.
- (1) Go to "Safe Mode" => "Device Manager"
  - (2) Remove any devices that's related to USB
  - (3) Remove any "Unknown devices"
  - (4) Remove any device which are not present
  - (5) Remove any devices that's related to your device
  - (6) Restart machine
  - (7) Install driver if necessary (download latest driver from website)
  - (8) Restart machine as requested and then plug in your device

**Q2 My Windows ME / 2000 / XP cannot detect my device, what can I do?**

- A2** Since there is no driver required for these operating systems, the device uses the built-in driver (USB Mass Storage Class Driver) from these operating systems. If your operating system cannot find the device, then it is very likely that the built-in driver files were missing or corrupted; please try to recover these files from other computer or from the original Windows operating system CD.

*NB : Windows 2000 users, please upgrade to service pack 3 or later.*

**Q3 When I run the SP Guard program, it displayed “Please insert the device or run this utility as privileged user” ?**

- A3** This problem may occur in Windows 2000 or Windows XP, under the following two situations.
- Situation 1 :** You have forgotten to insert your device.
- Situation 2 :** The security application program –SP Guard requires some security privileges in these Windows operating systems. If you are not the administrator of the computer, these privileges may be restricted by administrator. Please check with your MIS or administrator of the computer to open up the privileges for you.