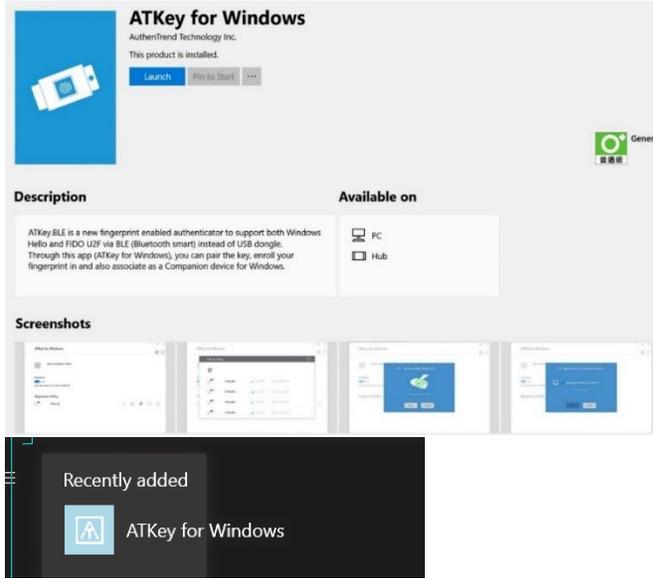


- Before start, please make sure below things are ready:
 - Check and upgrade firmware of ATKey.Pro to 1.00.9 or later version
 - ATKey.Pro is ready with fingerprint enrolled

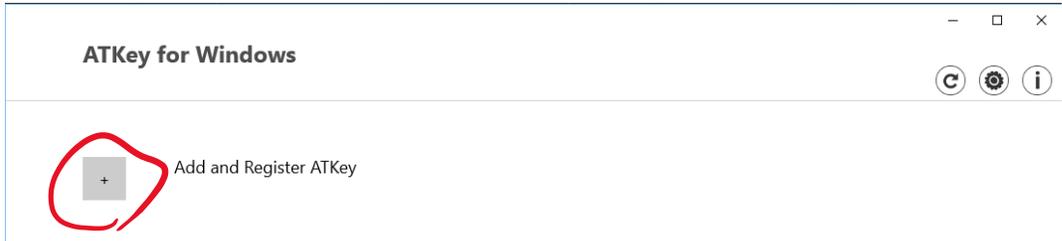
User steps:

1) Check and upgrade firmware of ATKey.Pro

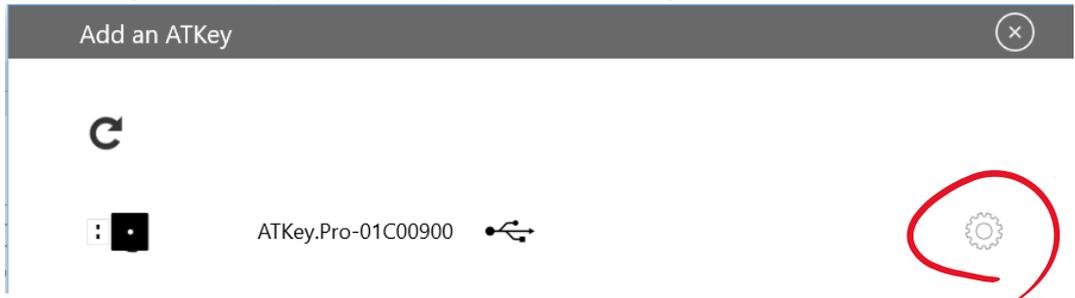
a) Search “ATKey” or “AuthenTrend” from Windows Store to find the app, download and install



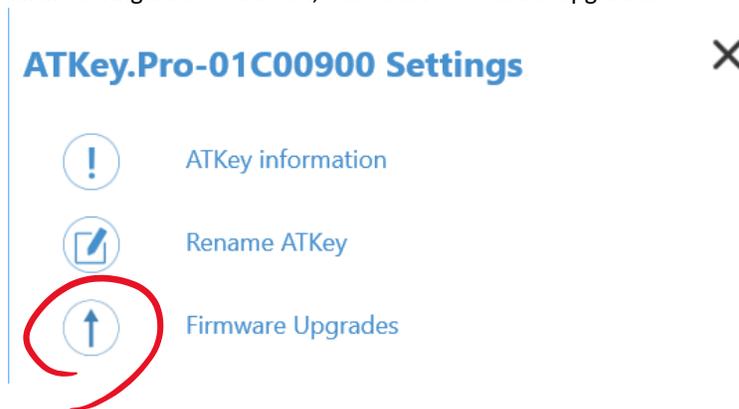
b) Insert ATKey.Pro into available USB port, then launch “ATKey for Windows” app



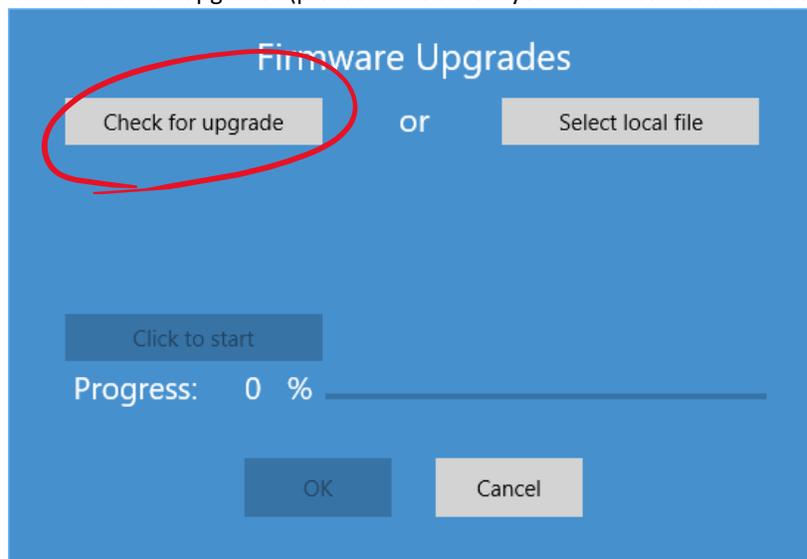
c) Add and Register ATKey, you should see your ATKey.Pro listing there



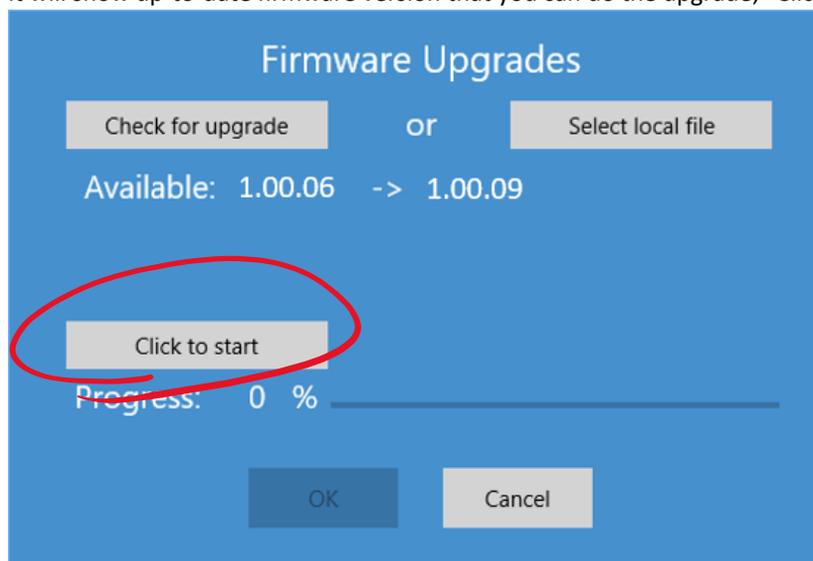
- d) Click "Configuration" button, then click "Firmware Upgrades"



- e) Click "Check for upgrade" (please make sure if you PC in internet connected)



- f) It will show up-to-date firmware version that you can do the upgrade; "Click to start"



- g) Till the progress bar to 100%, reboot ATKey.Pro - plug ATKey off, then re-insert to USB port, waiting for 10~15 sec. to boot, when LED turns to BLUE, then it's ready.

2) Bio-Safe installation

Please visit below link for the instructions:

<https://www.broadcom.com/products/embedded-and-networking-processors/secure/bio-safe>

The screenshot shows the Broadcom Bio-Safe product page. At the top, there is a navigation bar with the Broadcom logo and links for PRODUCTS, SOLUTIONS, SUPPORT, COMPANY, and HOW TO BUY. A search bar is also present. Below the navigation bar, the breadcrumb trail reads: Products / Embedded and Networking Processors / Secure Processors / Bio-Safe™. The main heading is "Bio-Safe™" with two buttons: "CONTACT SALES" and "REQUEST INFO". Below this is the sub-heading "Web Browser Extension enabling CV Hardware Password Manager with Fingerprint". There are three tabs: "OVERVIEW" (selected), "DOCUMENTATION", and "DOWNLOADS". On the left, there is an image of a fingerprint and a padlock. To the right, there is a text block describing Bio-Safe as a hardware-based password manager built for Broadcom's FIPS 140-2 Level 3 certified CredentialVault™ ("CV") security chip. It explains that unlike most existing password management solutions, Bio-Safe securely stores credentials within the local client computer's CV security chip. Below this, it lists supported devices: Dell Latitude and Precision models containing Dell ControlVault™ (CV) and an embedded fingerprint reader, and ATKey.Pro fingerprint enabled security key. A "Features" section is titled "Security" and lists three bullet points: credentials are accessible only after a successful Fingerprint Match-in-CV authentication; credentials are stored in a tamper-resistant FIPS 140-2 Level 3 certified CV security chip; and damaging malware attacks cannot access CV since it operates in a host-isolated environment.

- a) Download and install host application:

The screenshot shows the Broadcom Bio-Safe product page, Downloads section. At the top, there is a navigation bar with the Broadcom logo and links for PRODUCTS, SOLUTIONS, SUPPORT, COMPANY, and HOW TO BUY. A search bar is also present. Below the navigation bar, the breadcrumb trail reads: Products / Embedded and Networking Processors / Secure Processors / Bio-Safe™. The main heading is "Bio-Safe™" with two buttons: "CONTACT SALES" and "REQUEST INFO". Below this is the sub-heading "Web Browser Extension enabling CV Hardware Password Manager with Fingerprint". There are three tabs: "OVERVIEW", "DOCUMENTATION", and "DOWNLOADS" (selected). Below the tabs, there is a text block: "If you are looking for older or archived product downloads, please use the documents and downloads search tool." To the right, there are two buttons: "Expand All" and "Collapse All". Below this is a table with the following data:

Title	Date	OS	Type	Alert
BioSafeInstaller-X64.exe Version: 1.1.2	03/17/2020	Windows		Create

b) Sign-in your Google account, then Install Chrome extension:
<https://chrome.google.com/webstore/detail/bio-safe-hardware-password/pacmngelmmblfojailbljbojklbli>

c) Here is the user guide: <https://docs.broadcom.com/docs/BIO-SAFE-UG>, please download and read it

Bio-Safe™

CONTACT SALES

REQUEST INFO

Web Browser Extension enabling CV Hardware Password Manager with Fingerprint

OVERVIEW DOCUMENTATION DOWNLOADS

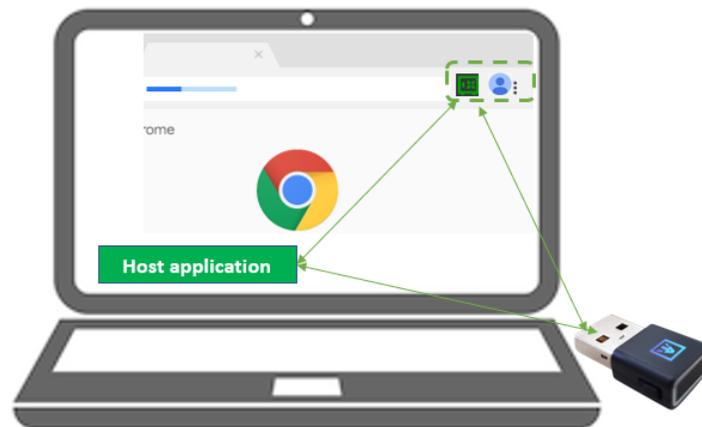
Expand All | Collapse All

User Guide 1 i				
Current				
Title	Date	Type	Alert	
Bio-Safe™ Installation Instructions and User Guide File Size: 1286 KB Language: English	03/23/2020		+ Create	

3) Scenario Diagram

a) Sign-in your Google account (Chrome browser)

- To support roaming of ATKey.Pro + Bio-Safe



- User examples:
 - PC-A: login Google account (Chrome browser) and Install Bio-Safe™ (host app, Chrome extension) with ATKey.Pro-1, and it starts to confirm and store credentials into Bio-Safe™
 - PC-B: install Bio-Safe™ (host app, Chrome extension), login Google account with account synchronizations, insert ATKey.Pro-1, all Bio-Safe stored credentials also work here
 - PC-C, PC-D if you install Bio-Safe™, enable Google account synchronizations and insert same ATKey.Pro, it can work as roaming.

- b) Not Sign-in Google account (Chrome browser)
 - ATKey.Pro can just work with installed PC (PC-A)

4) Bio-Safe™ Usage

- a) Users need to judge “Confirm” to store or not
 - Confirm to store credential on “login page”, not in “registration page”:
 - If you register a new ID/Password on the web URL, please don’t “Confirm” to save them to ATKey.Pro as credential
 - “Confirm” to Save them at “login” URL since you will login the web from the page (not from registration page)
 - If the stored credentials are not totally correct, edit it manually (especially for some webs with 2 phases for ID and Password)
 - Just “Cancel” for those non-credential things

5) “Bio-Safe™ + ATKey.Pro” Limitations Today

- a) Bio-Safe locks with one specific ATKey.Pro only; if user loses the key, everything needs re-do from scratch following below steps:
 - Remove Bio-Safe Chrome extension to truly wipe all data
 - New ATKey.Pro with fingerprint ready
 - Re-Install Bio-Safe from Chrome extensions
- b) Multiple accounts are not supported, it will always use 1st credential to login
- c) Roaming is supported through Google account syncing in Windows, not for other OS yet.