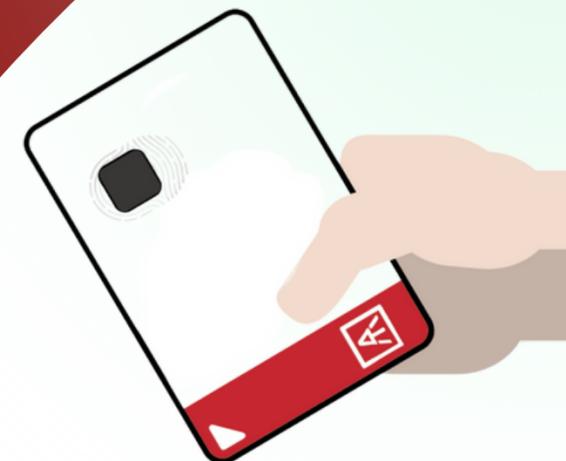




# Quickstart Guide



AUTHENTREND

# Contents

1

Overview

2

Set up your ATkey

3

Add / Remove Fingerprints



# Welcome

**RSA**  
READY

Member of  
Microsoft Intelligent  
Security Association  
Microsoft

**fido**  
CERTIFIED

**FIDO2**

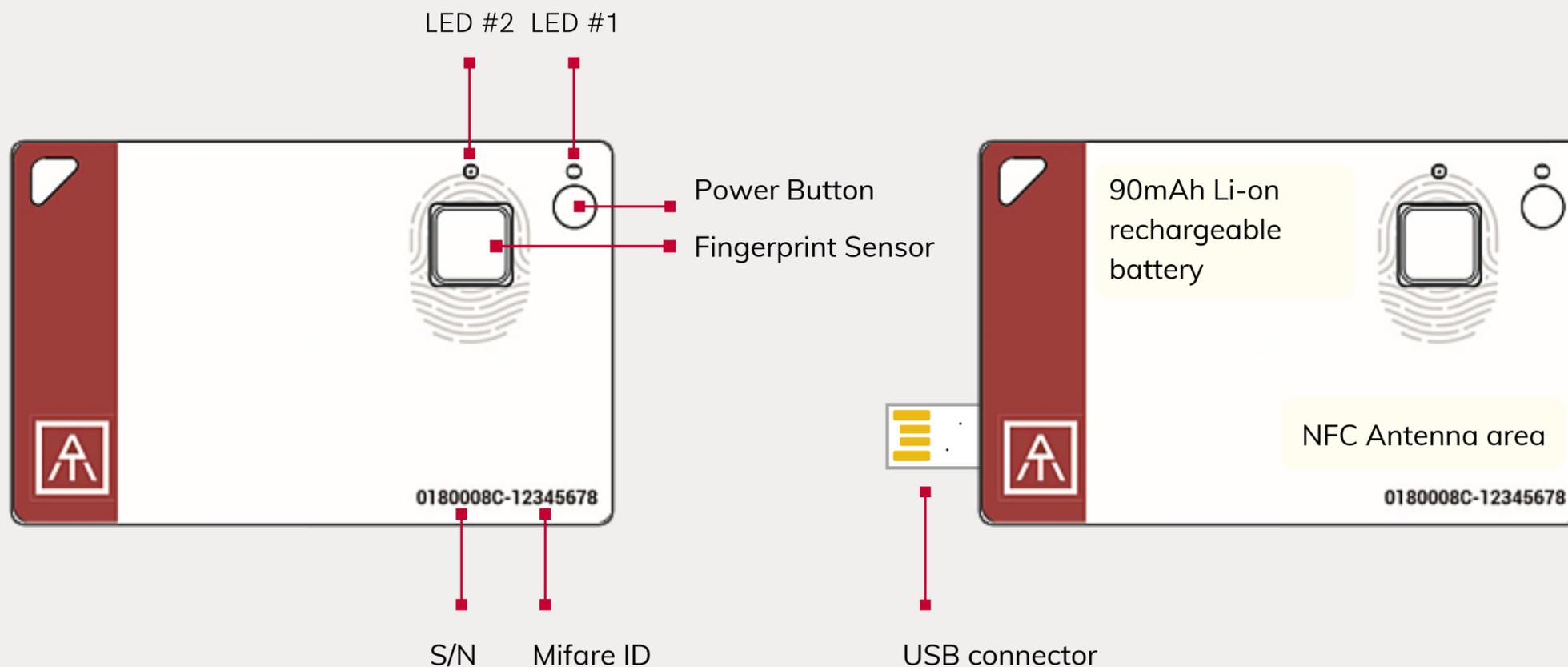


- **One Card for All** – With a USB Type-A port, NFC, BLE and a fingerprint sensor built-in, you can securely do access control, login, and authentication all in one card.
- **Standalone Enrollment** – Users can easily enroll fingerprints directly to the Security Key and do not require any other proprietary app or driver.
- **Best Fingerprint Experience** – Integrated with the Egis fingerprint sensor for increased accuracy, ATKey.Card also boast having the fastest fingerprint recognition speeds on the market and function with any HID device.
- **Highly Secure Design** – It is FIDO2-certified and lets users store up to 8 encrypted fingerprint templates inside a secure embedded system.





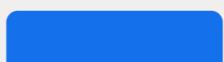
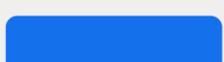
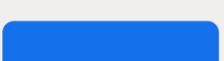
# ATKey.Card Overview



Smart Badge type security card can communicate with the host through USB/BLE/NFC interfaces, including FIDO2, and FIDO U2F.



# What the LEDs mean

Blue LED ON			Blue LED flashes
Blue LED flashes			Blue LED flashes
Green LED ON			Blue LED ON
Green LED flashes once			Blue LED ON
Red LED flashes once			Blue LED ON
Cyan LED flashes			Blue LED ON
Blue LED flashes			Blue LED ON
Blue LED ON			Blue LED ON
Green LED flashes			Blue LED ON
White LED flashes			Blue LED ON
Red LED flashes			

LED #2    LED #1



Need to verify

Verify to turn NFC on / BLE broadcasting

NFC is ON for about 15 sec.

Fingerprint verification success

Fingerprint verification fail

Need to touch / BLE pairing

BLE broadcasting (No fingerprints enrolled)

BLE connected

Verify fingerprint to start 'Standalone Enrollment'  
(If there is any registered fingerprint)

Touch the fingerprint sensor to confirm the BLE pairing /  
Standalone enrollment (Blue LED flashes from slow to fast)

Low battery





## Multi-interfaces and supported OS



	 BLE	 USB	 NFC
Enroll fingerprint	✓	✓	
Azure AD logon	✓	✓	✓
Windows 10 build 1903 and above	✓	✓	✓
Windows logon via Windows Hello (CDF)	✓	✓	
Android	✓	✓	✓
iOS	✓	✓	✓
Linux		✓	
Mac OS X logon	✓		
Mac OS		✓	
Chrome OS		✓	
NFC door locker			✓

\*You can check the adoption status of each platform from the following links: (Updated from FIDO 2020.06)  
<https://fidoalliance.org/fido2/fido2-web-authentication-webauthn/>



## Set up your ATKey and enroll fingerprints first

There are several available tools that can be used for set up security keys.





# Key Setup

- Bluetooth Pairing 

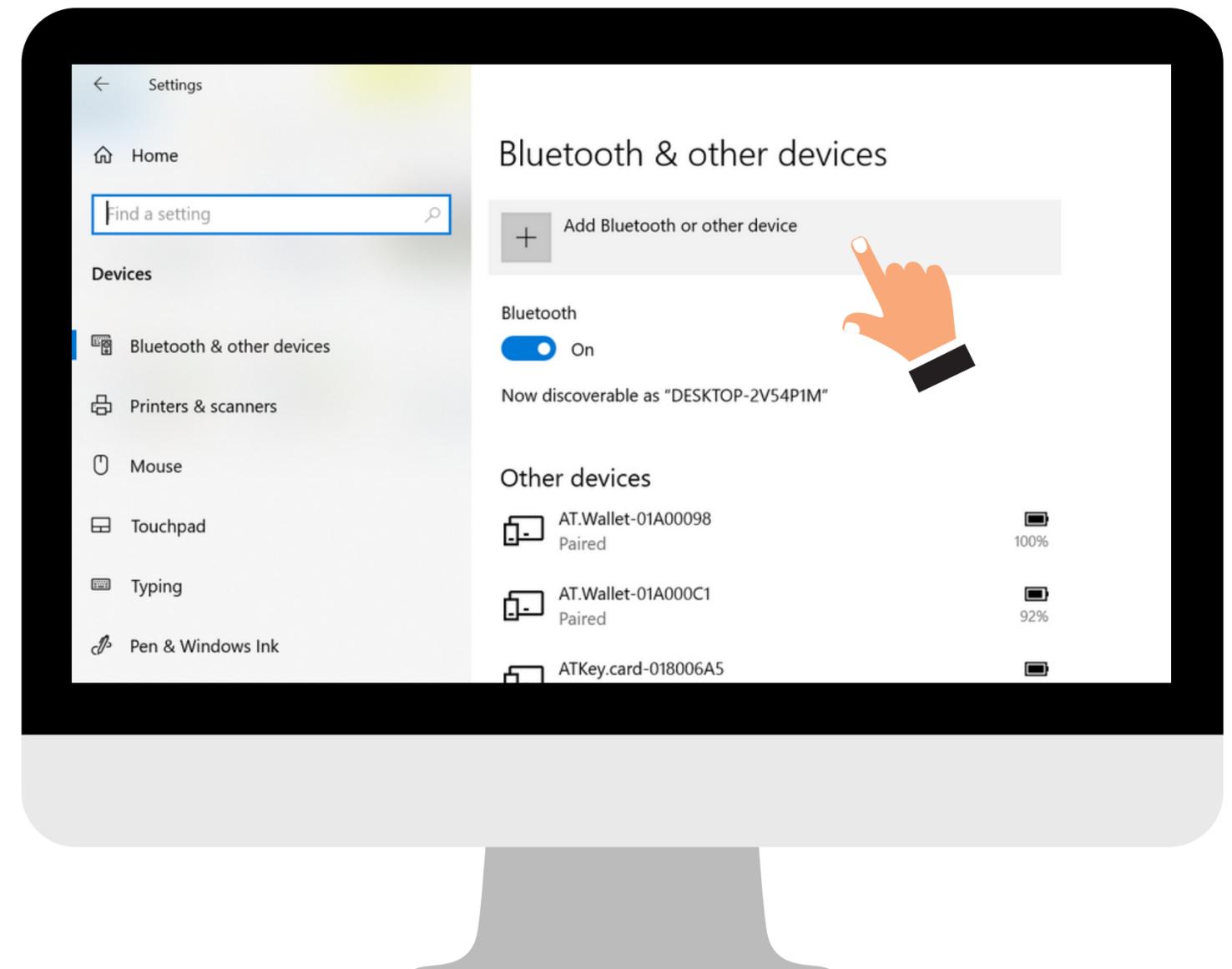
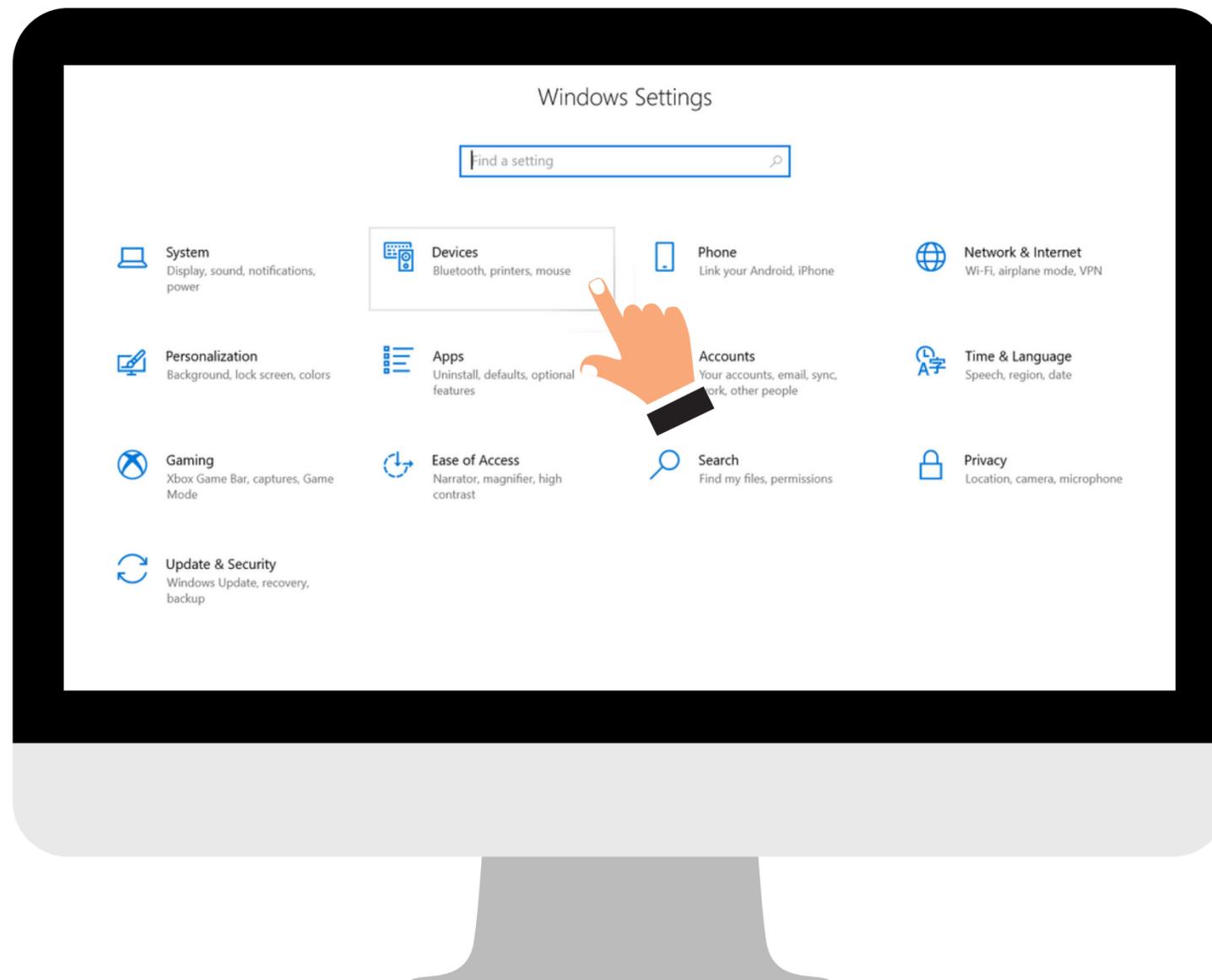


1

# Open Windows Settings

"Settings" > "Devices" > "Add Bluetooth or other device"

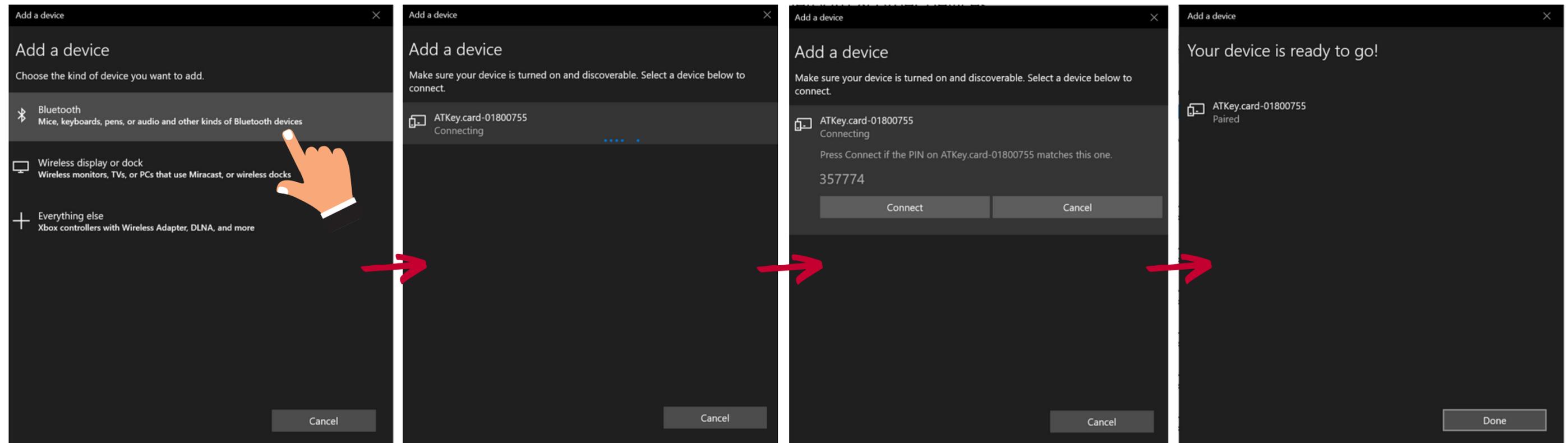
Availability: In Windows 1903 and above.



# 2

## Add a Device

1. Power ON your ATKey.Card and press the power button **twice**.
2. ● ● // Cyan LED#2 flashes. Choose the "ATKey.Card-S/N" showed on the window.
3. ○ ○ ○ White LED#2 flashes. Click "Connect" and touch the fingerprint sensor to confirm BLE pairing.





# Key Setup

- Windows built-in Security Key Manager  



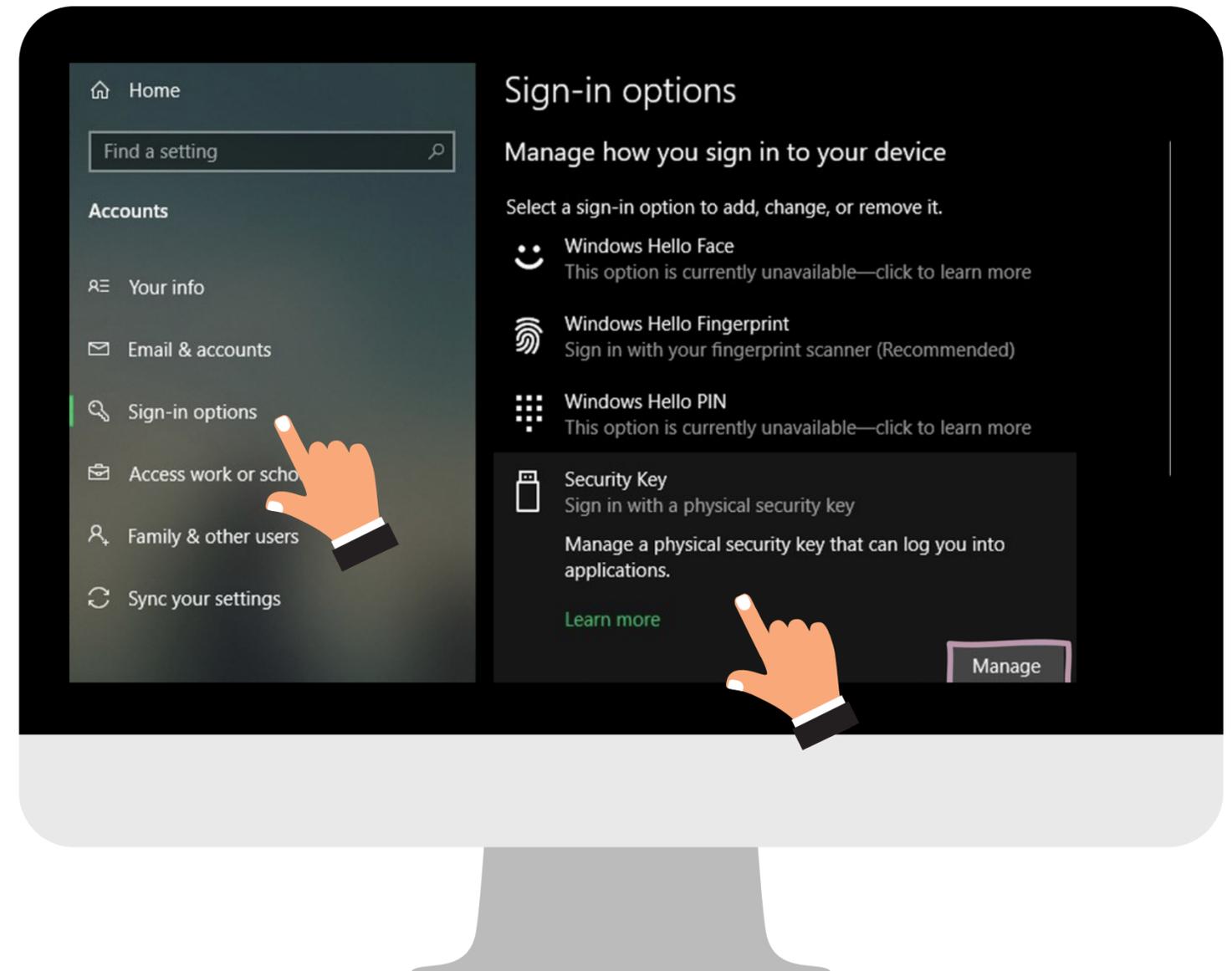
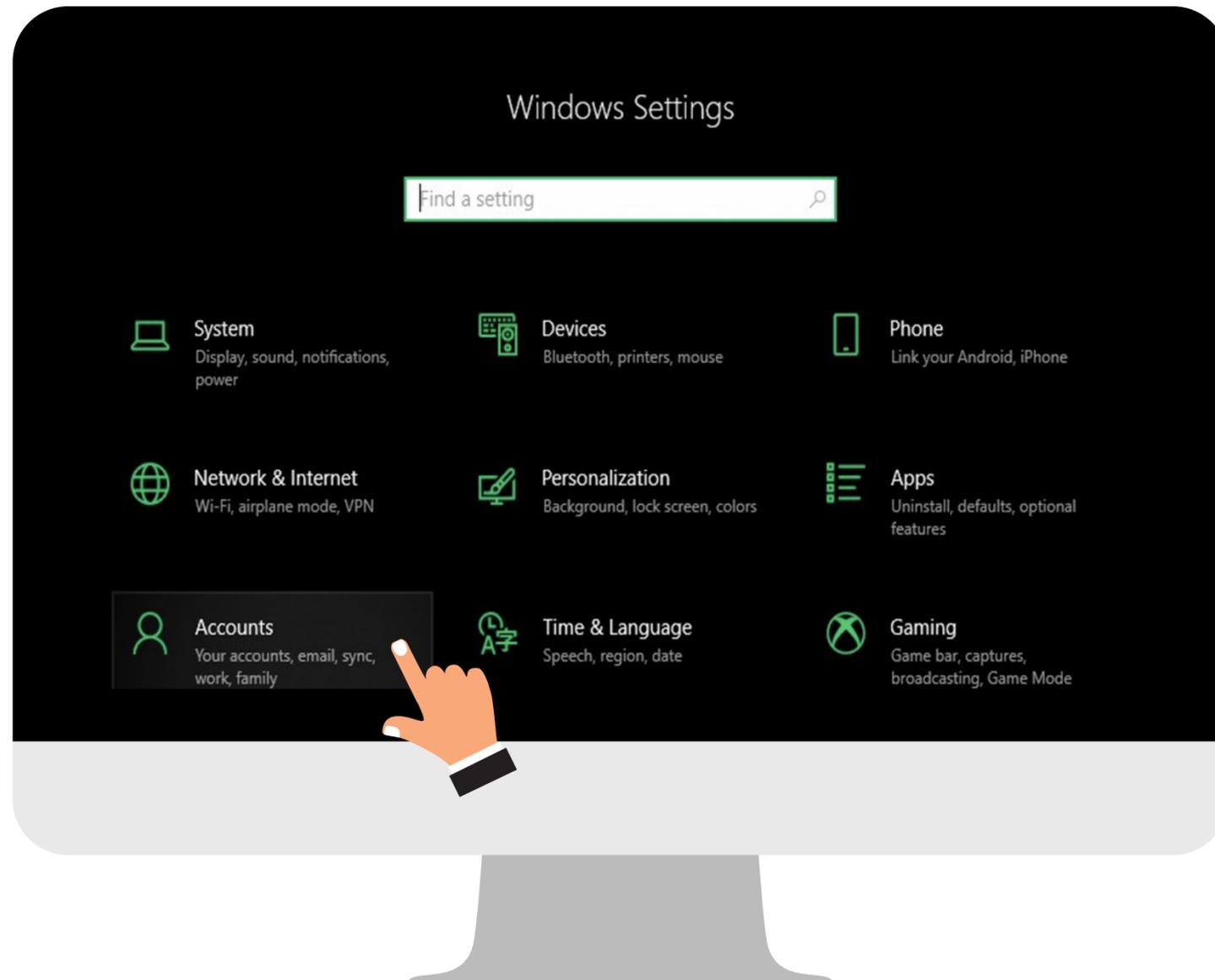
1

# Open Windows Settings



"Settings" > "Accounts" > "Sign-in options" > "Security Key"

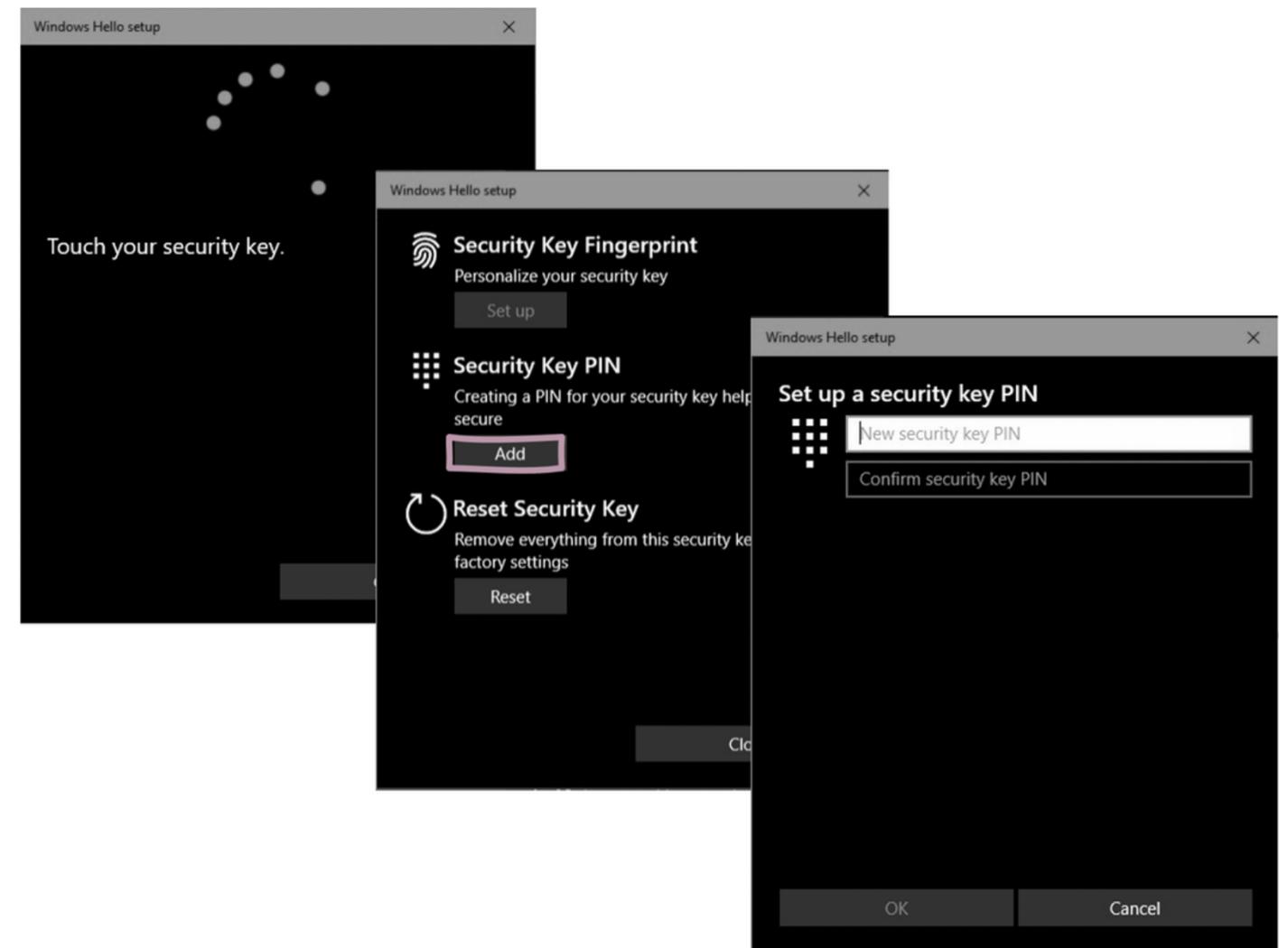
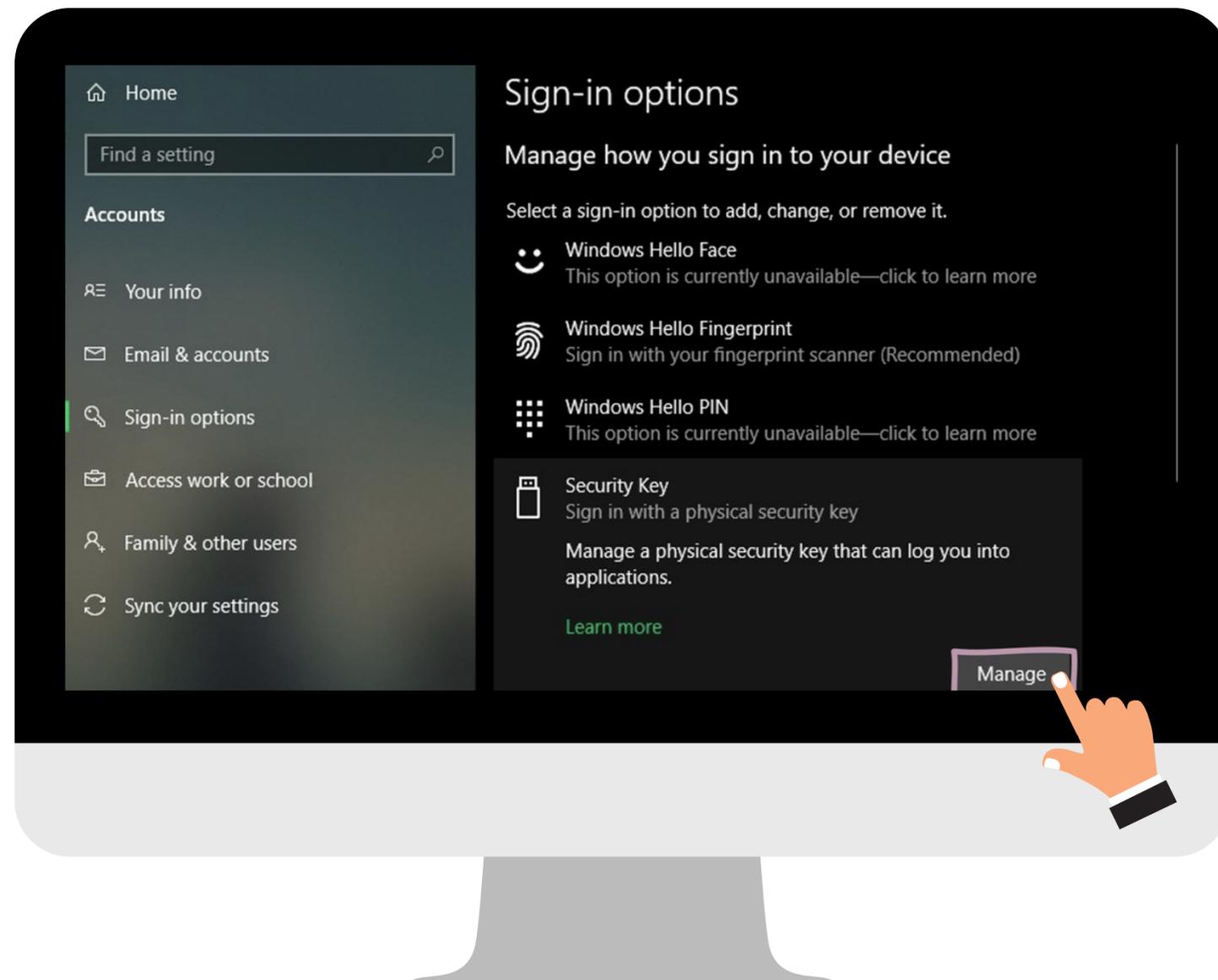
Availability: In Windows 1903 and above.



2

## Set the PIN of ATKey

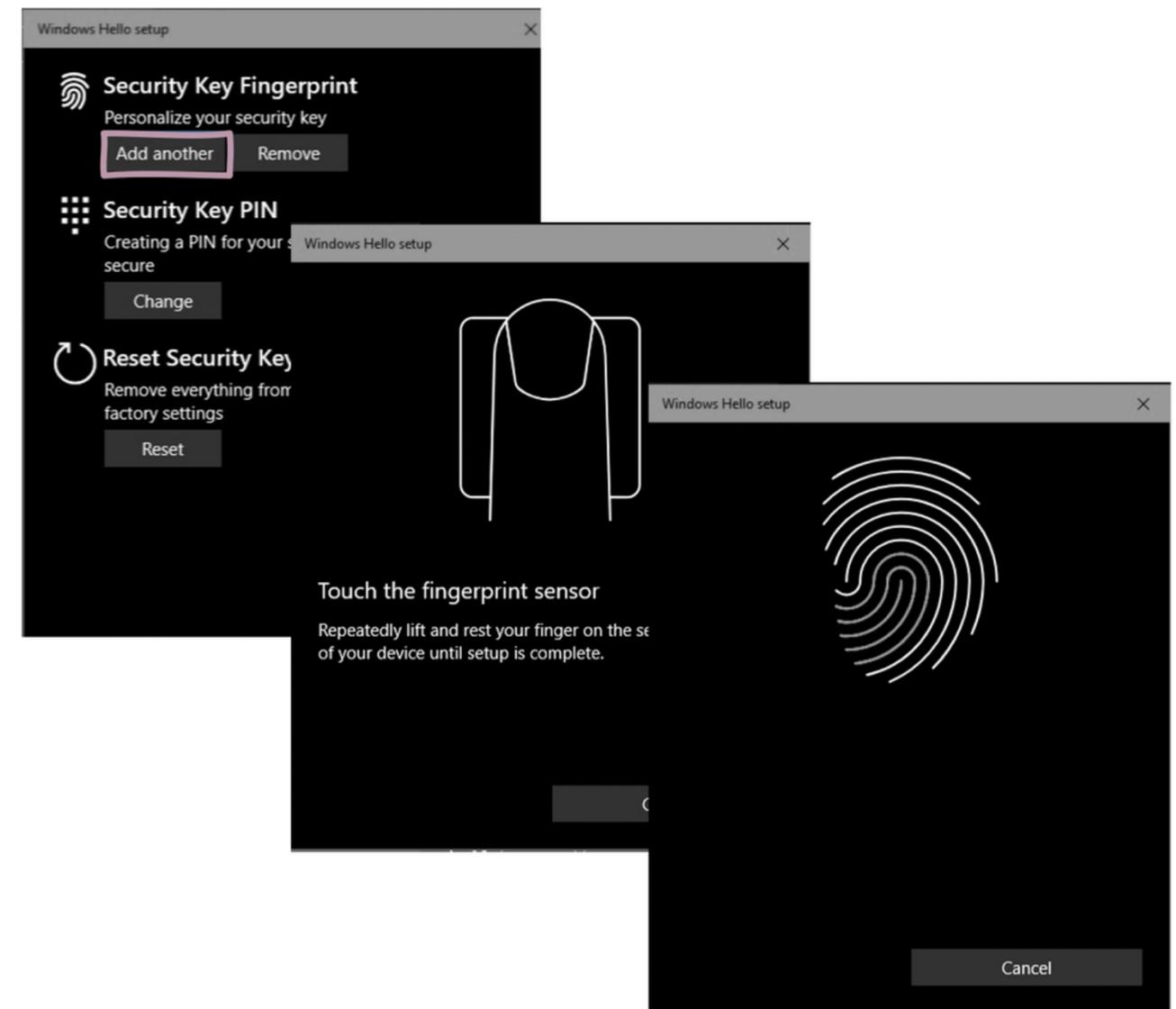
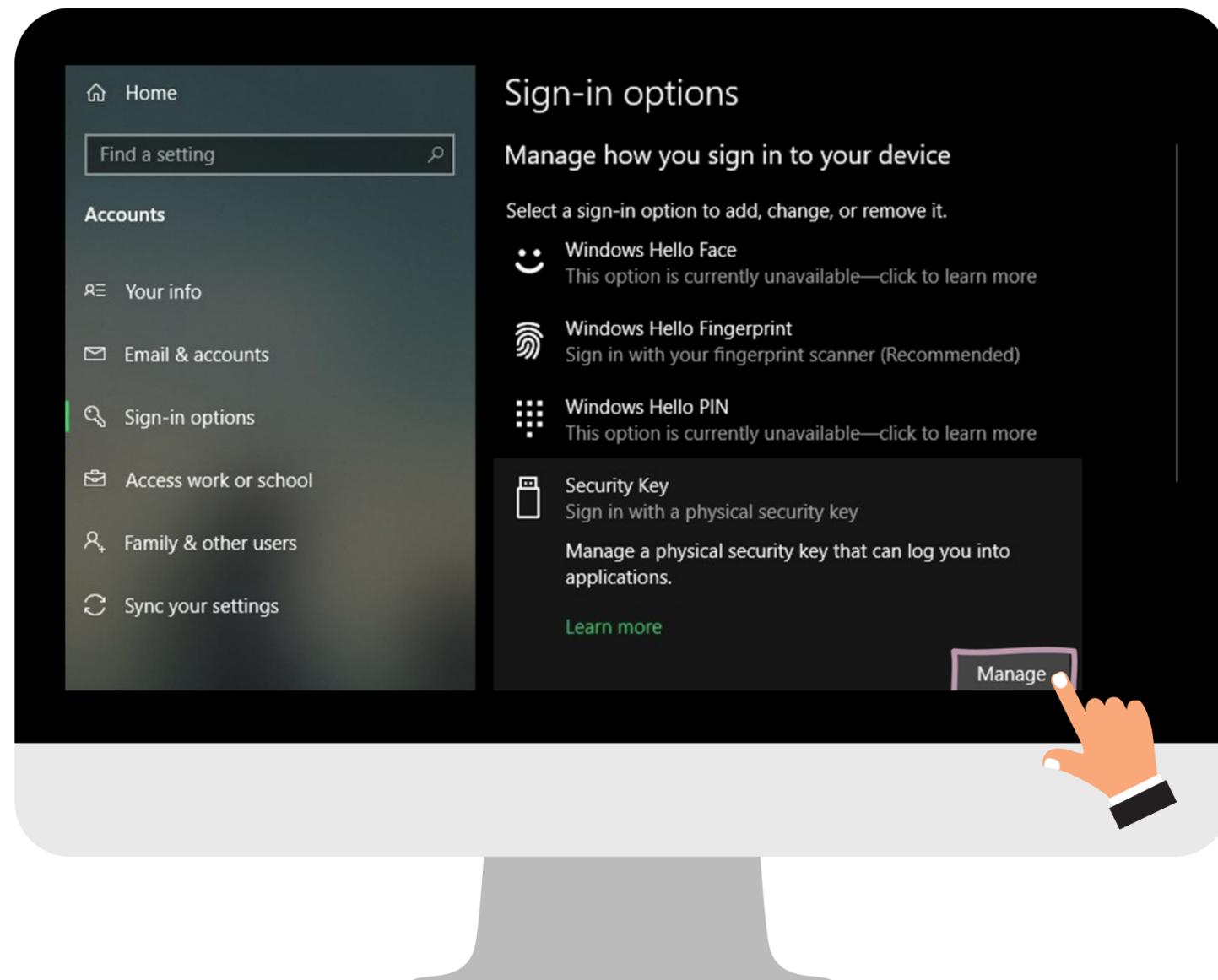
Add "Security key PIN" first, the PIN will write into ATKey.Card.



# 3

## Add Your Fingerprint

Set up "Security Key Fingerprint", type-in PIN code and follow the hints to enroll fingerprint until "All Set!"





# Key Setup

- Chrome built-in Security Key Manager 

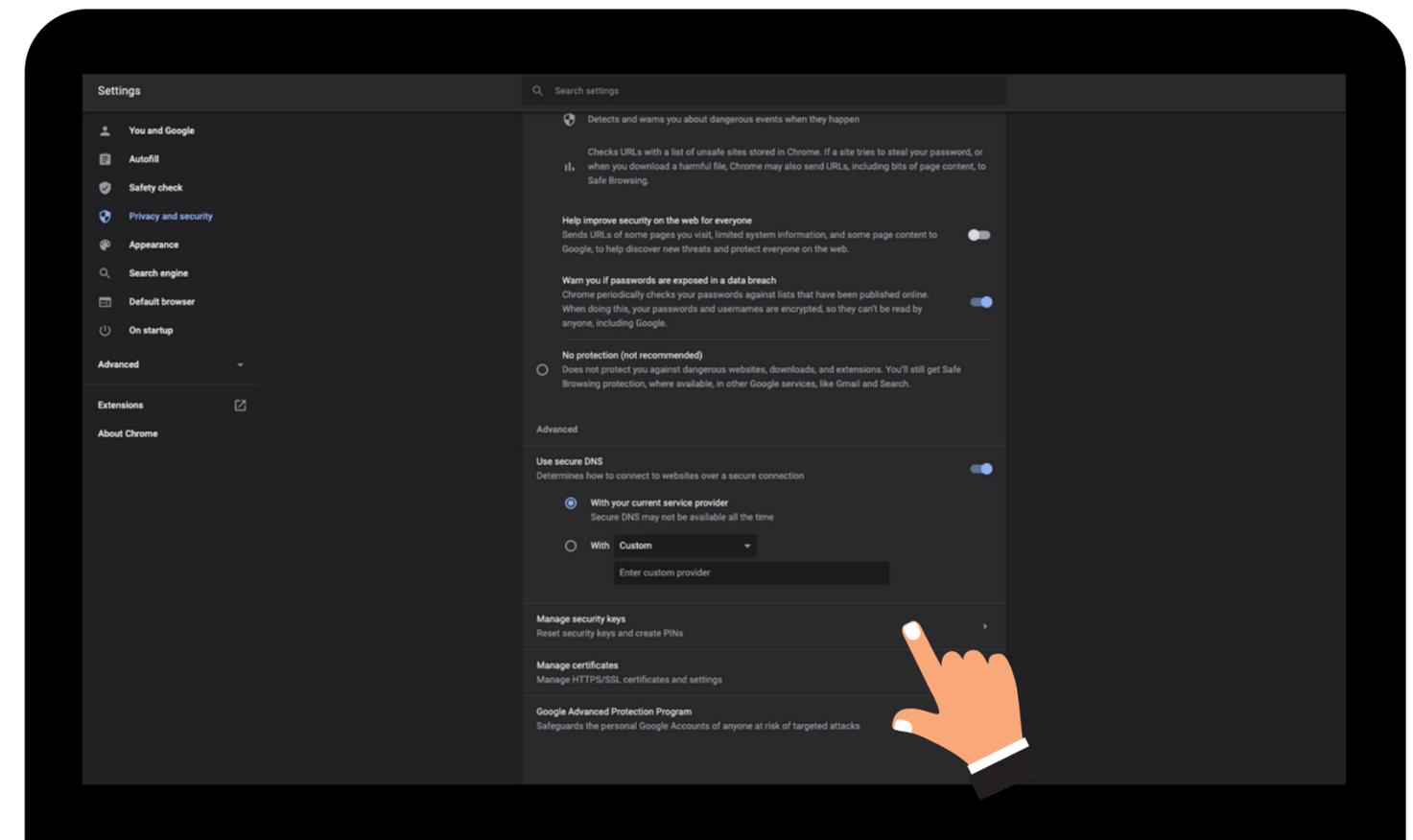
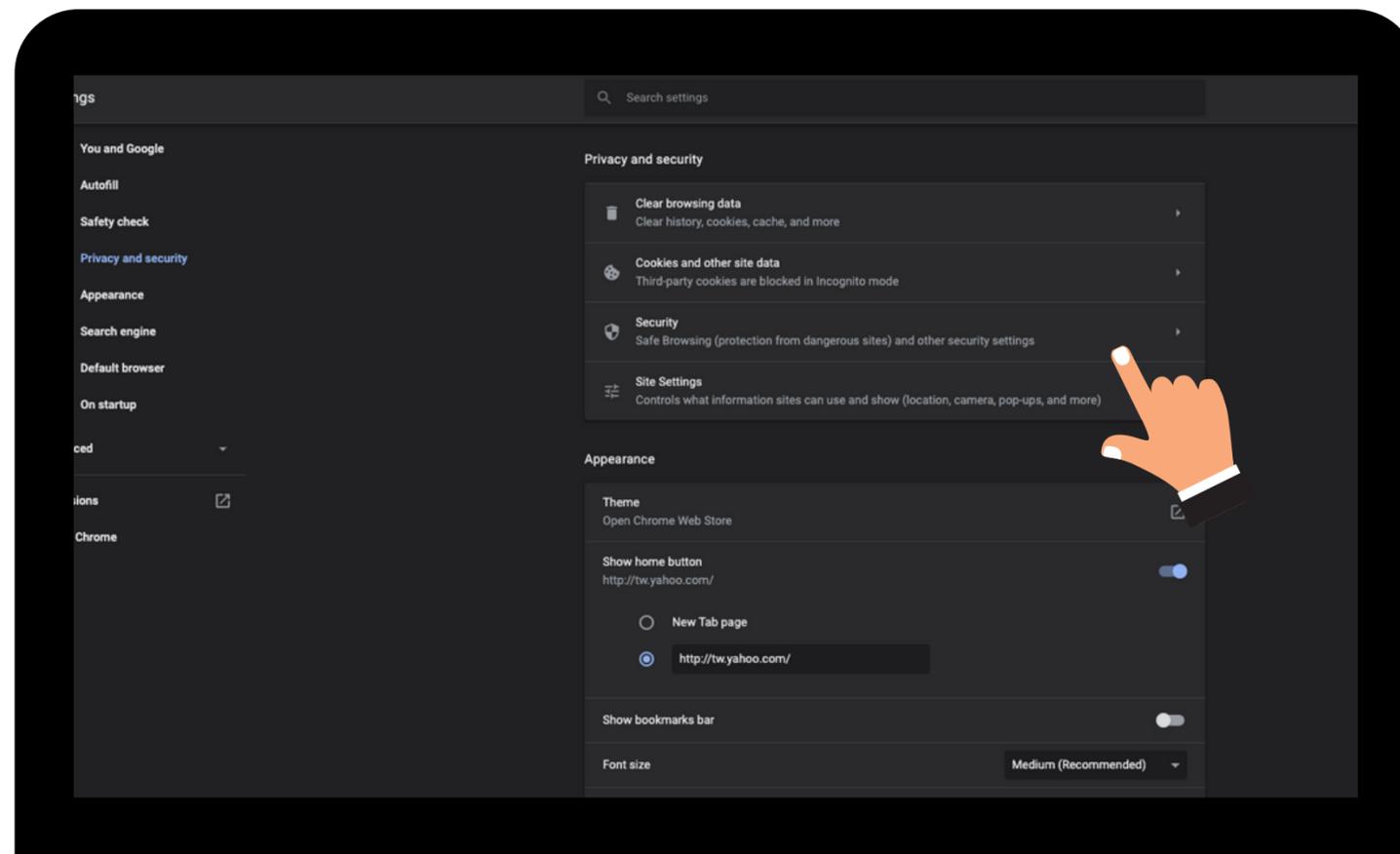


1

# Open Chrome Settings

"Settings" > "Privacy and security" > "Manage security keys" > <chrome://settings/securityKeys>

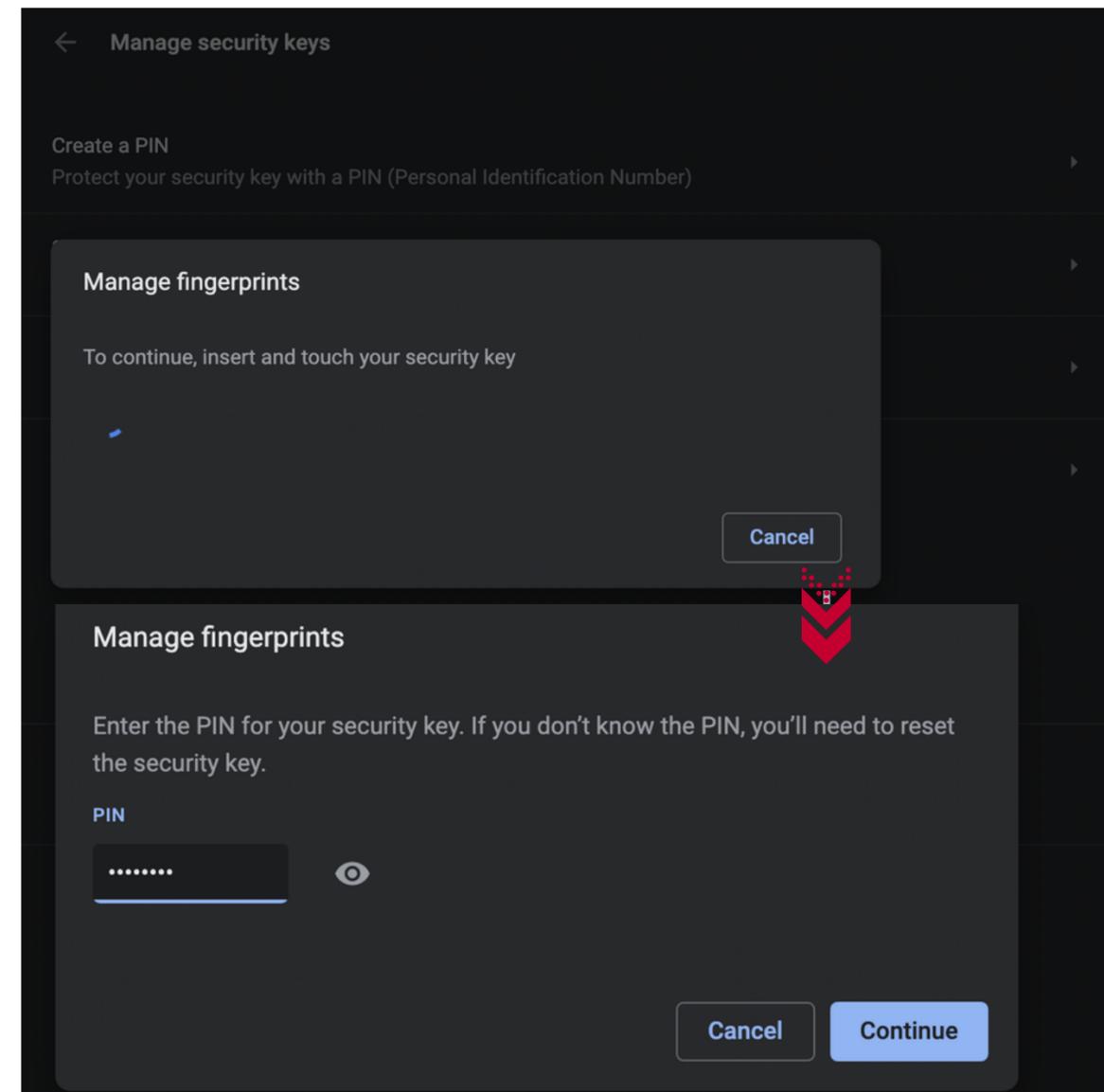
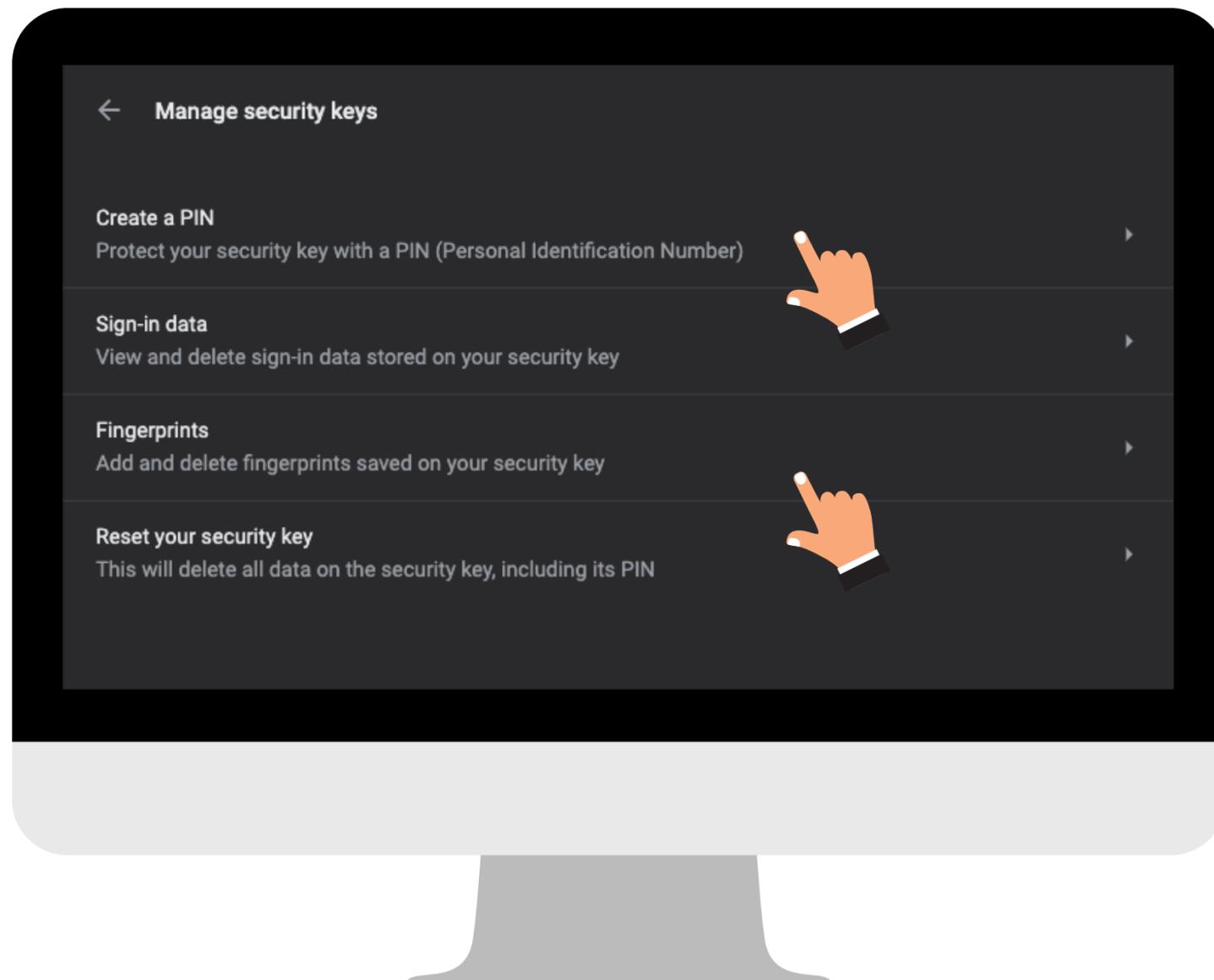
Availability: In the latest Chrome browser in ChromeOS, macOS and Linux core system.



# 2

## Set The PIN and Fingerprints of ATKey

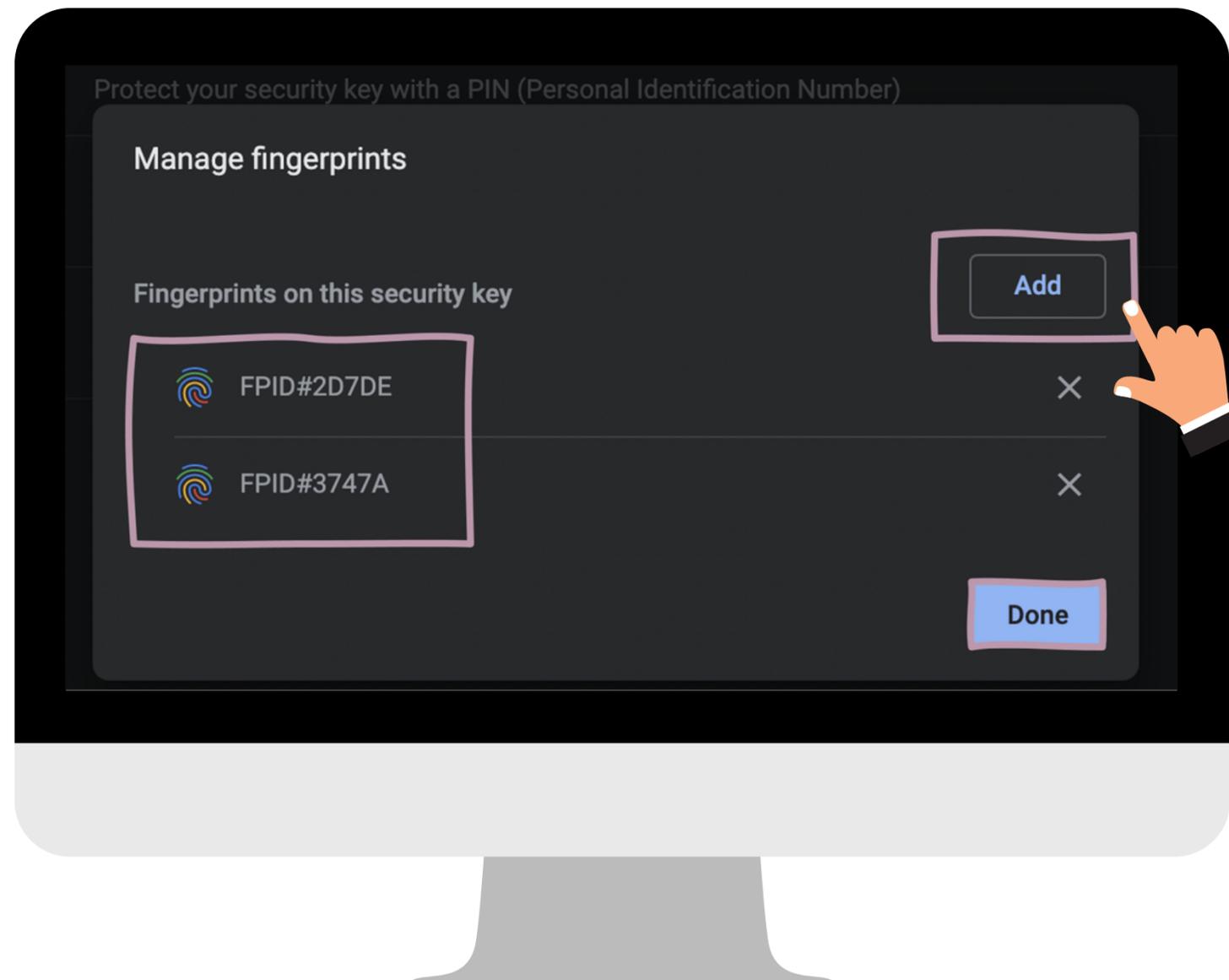
You can manage PIN, fingerprints, and credentials inside the key. Create a PIN first and start to add your fingerprints.



3

## Add Your Fingerprint

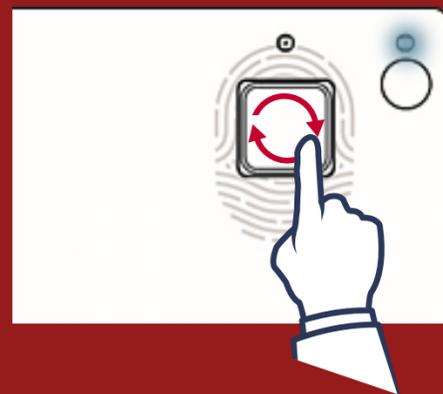
After finish adding, you can assign the name of your enrolled fingerprint.





# Key Setup

- Standalone Enrollment

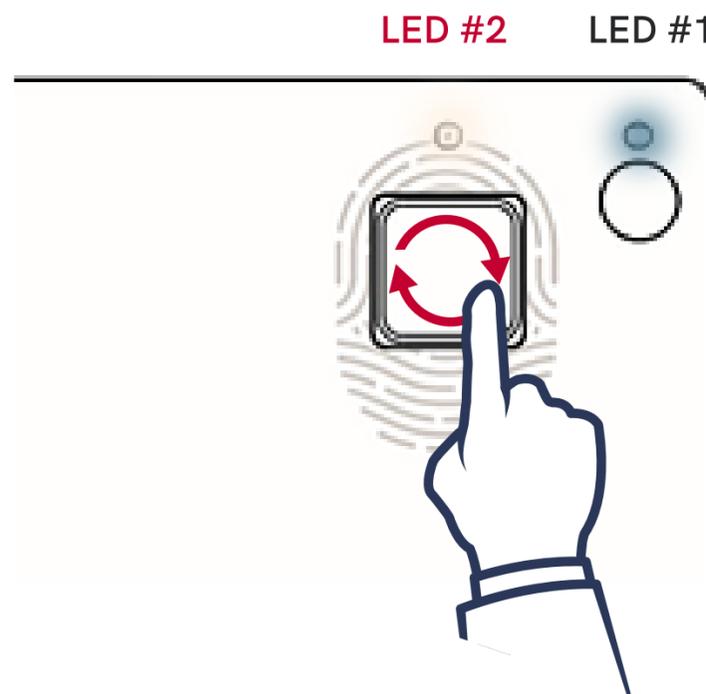


# 1

## Enroll Fingerprints through Standalone Enrollment

With no need for any device or application download.

- Please enroll a fingerprint at the same place If you have already set up a PIN using any previous method. You can enroll your fingerprint directly using this method only if you have not yet set up a PIN or you want to add more fingerprints.



1. Power on your ATKey.Card.
2. ████████ LED#1 Blue ON.
3. Press the side button 3 times quickly.
4. ○ ○ ○ LED#2 turns WHITE.
5. Touch the sensor in a circular motion, ○ ○ ○  
LED#2 will change from slowly flashing to faster flashing.
6. ████████ LED Green ON, enrollment is complete.



 Tutorial video

- If you want to quit "standalone enrollment", press the button and the LED will turn to ████████ Blue, back to the normal state.
- If there are any enrolled fingerprints in your ATKey.Pro, LED#2 will ● ● // Green flash first on step 4, that you need to verify registered fingerprint to start enrolling new finger.



# Key Setup

- ATKey for Windows(App)



1

# Download "ATKey for Windows" App

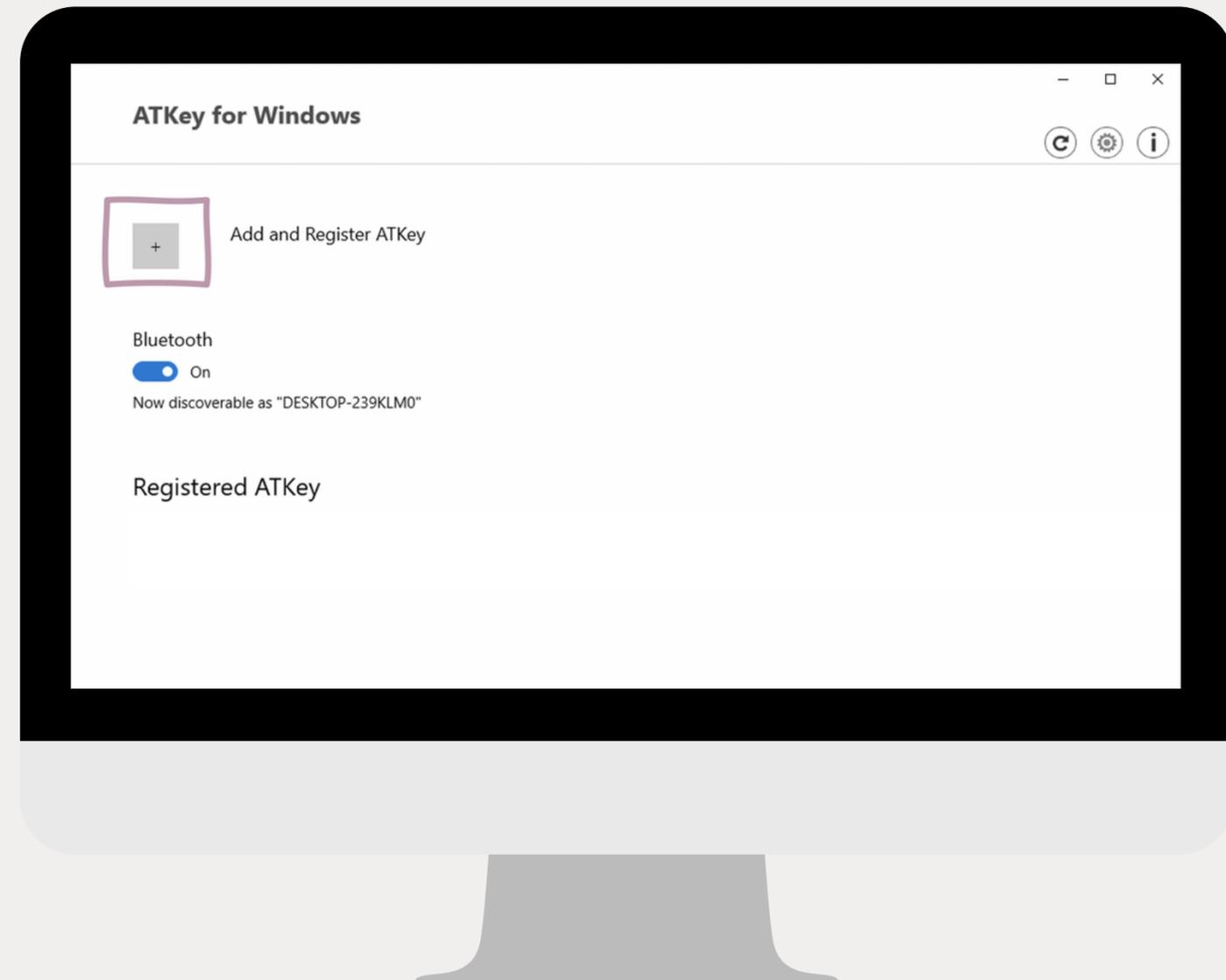


Turn your ATKey.Card on and launch the App.

Version: 2.0.57.0 and above



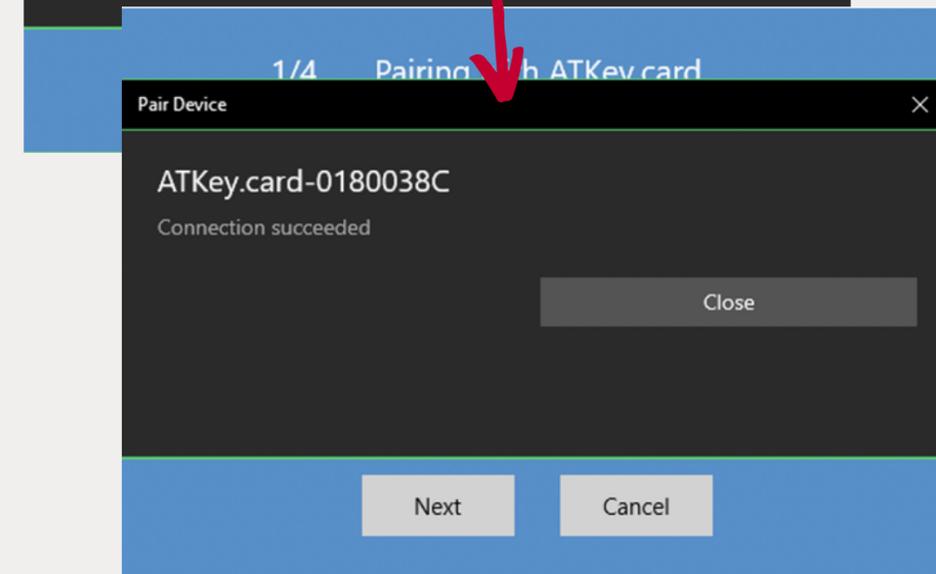
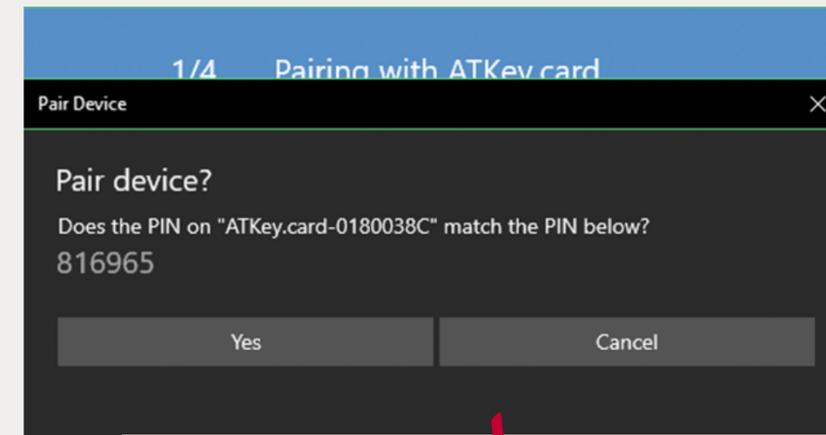
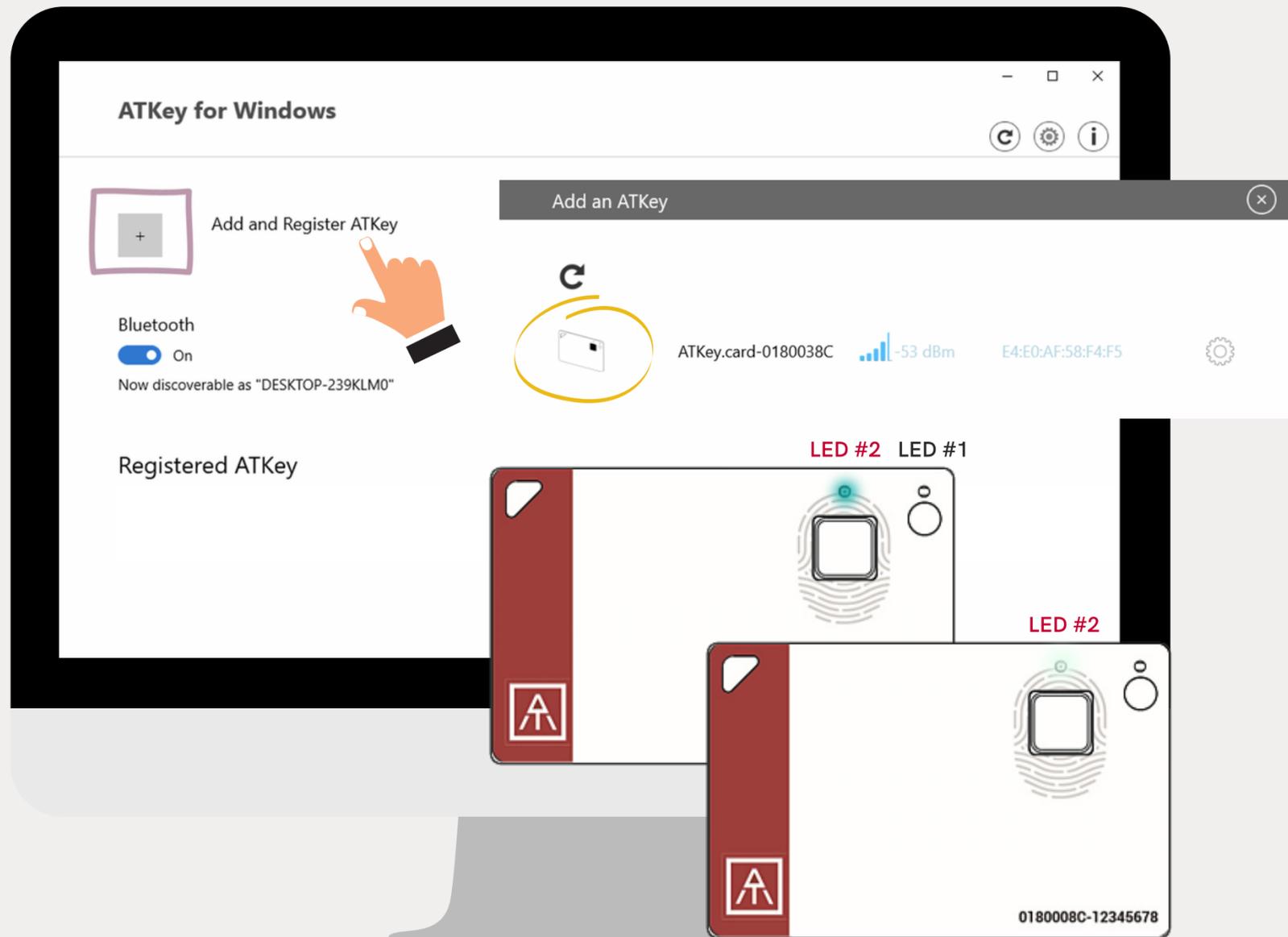
 DOWNLOAD



# 2

## Pair and Register Your ATKey

1. Press the power button twice and BLE begins broadcasting (LED#2 flashes in **CYAN**)
2. Touch the fingerprint sensor to confirm the BLE pairing (LED#2 flashes in **WHITE**)

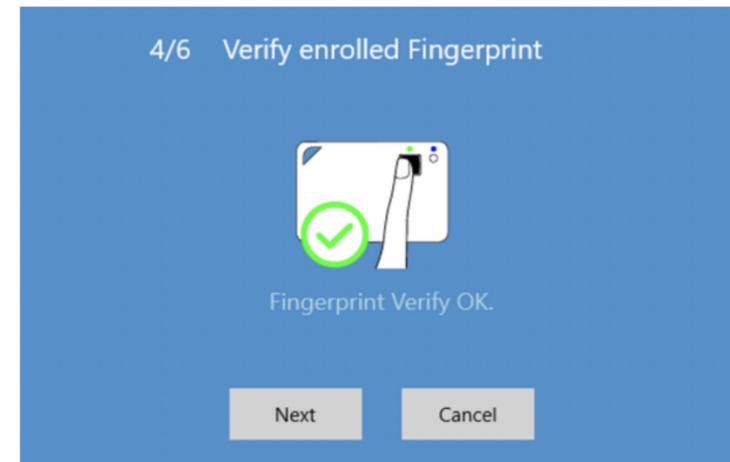
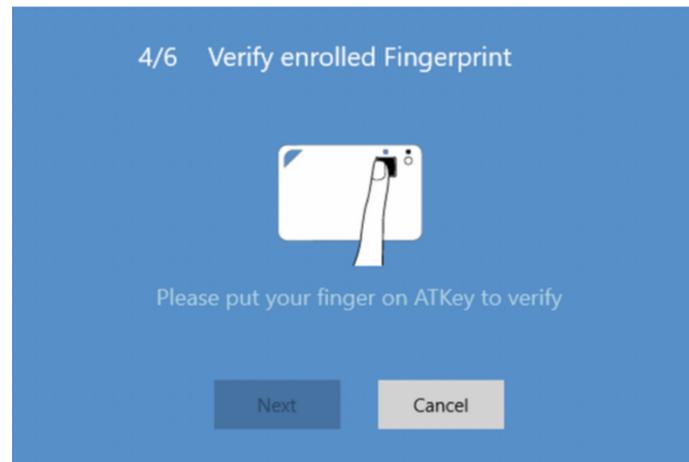
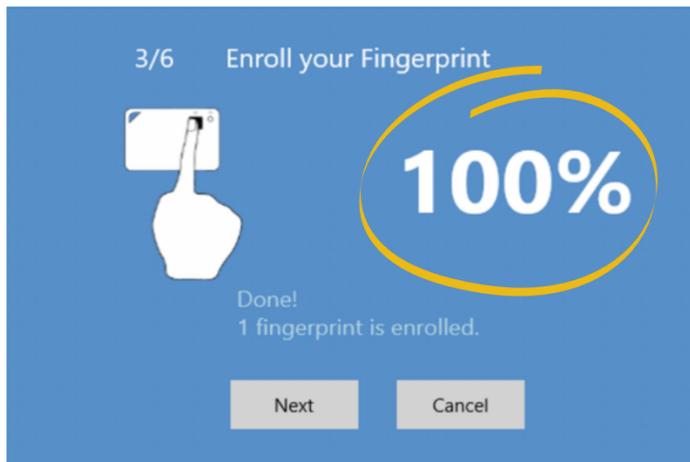
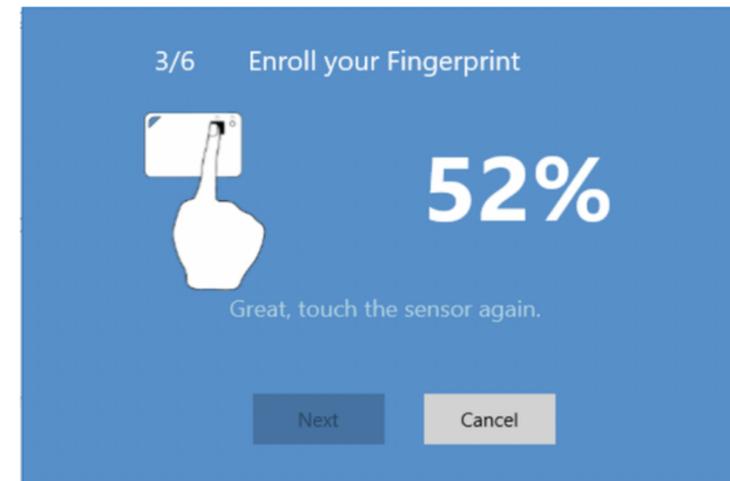
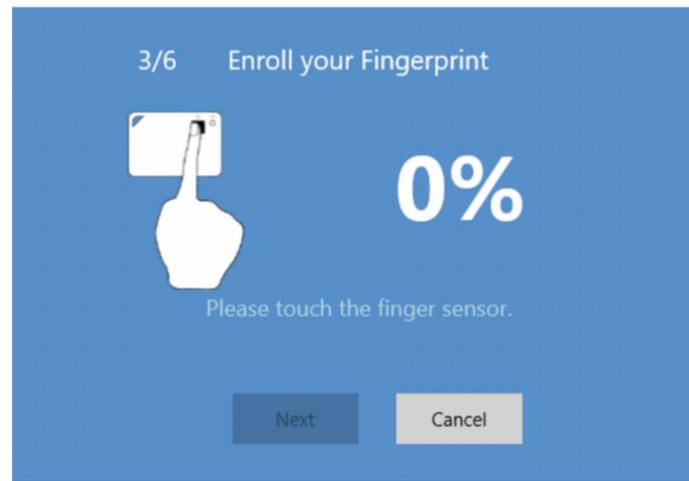
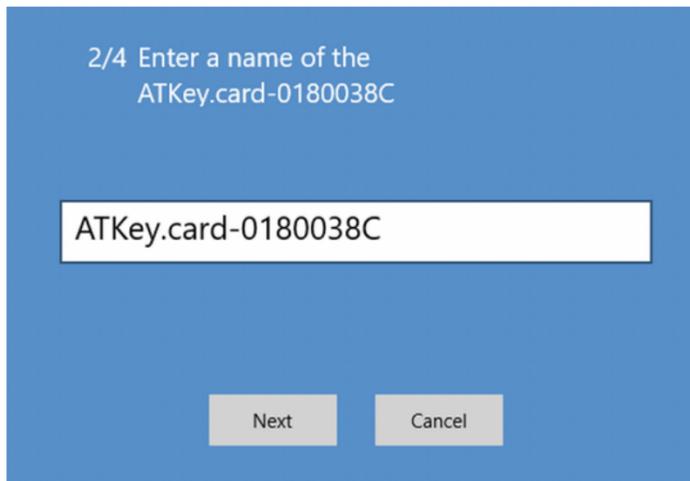


# 3

## Enroll your fingerprint

Follow the instructions to add fingerprint.

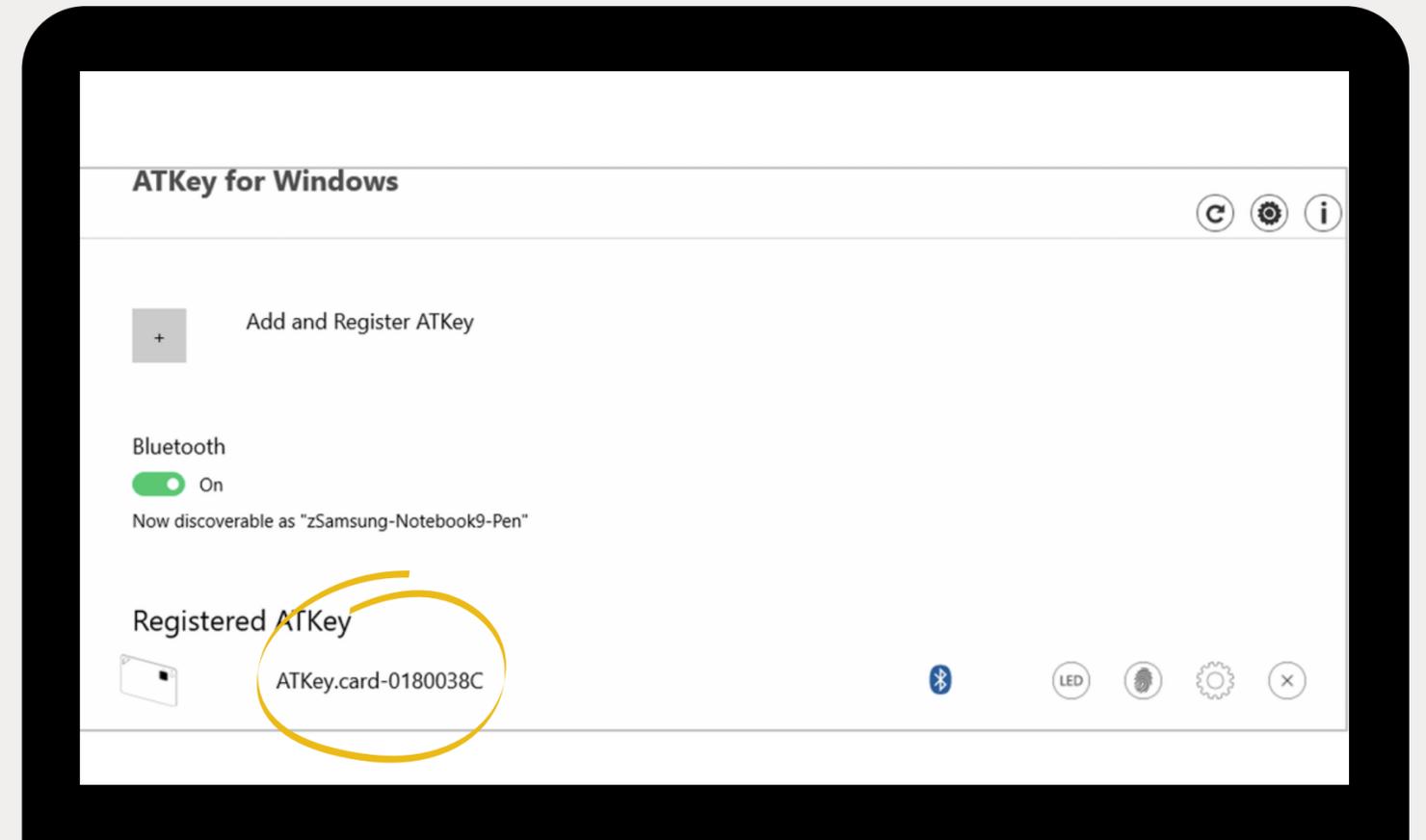
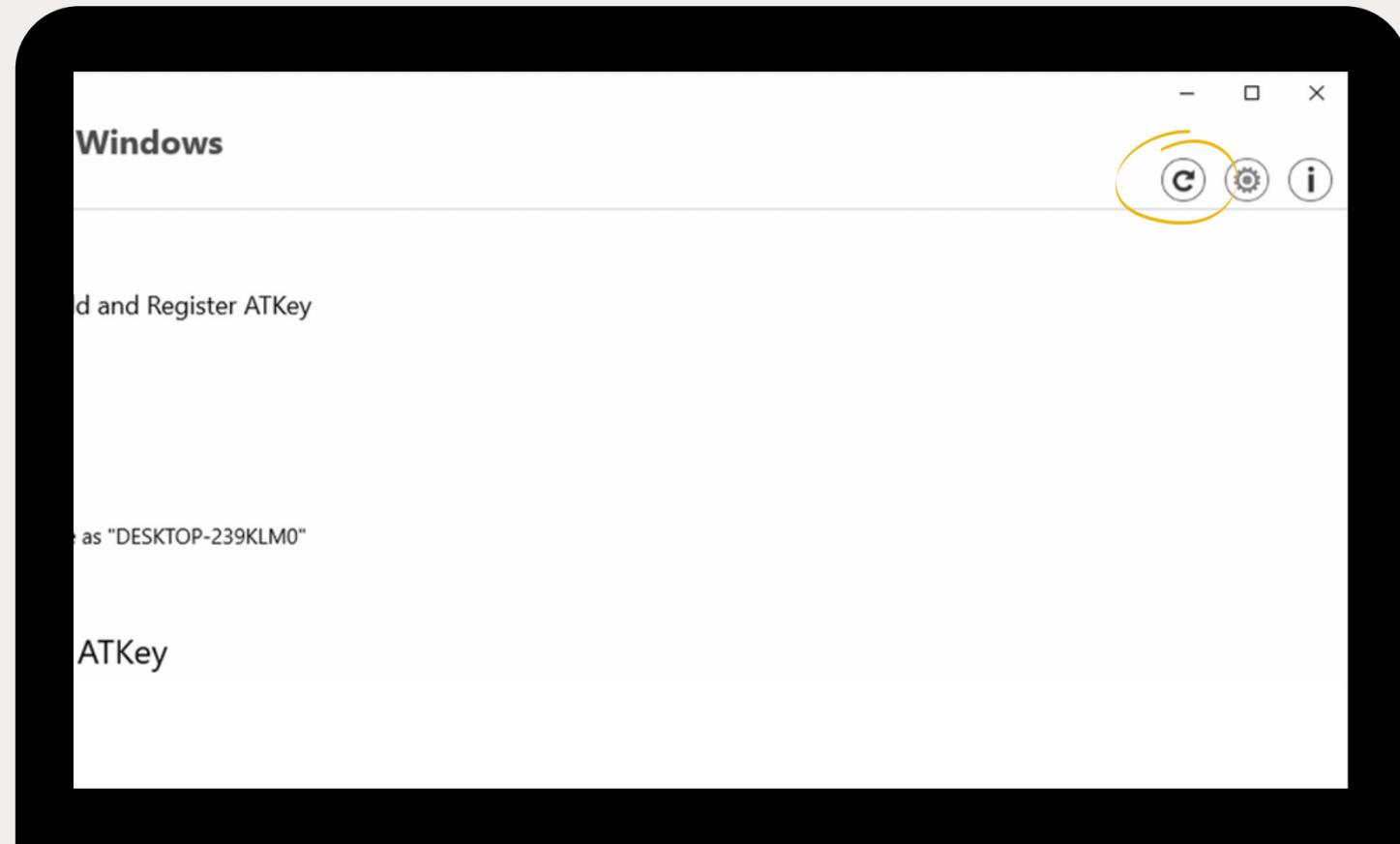
Default name is -: ATKey.Car + S/N



4

## Enroll Your Fingerprint

After been successfully enrolled, the fingerprint will be listed in the main window.





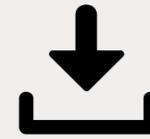
# Key Setup

- ATKey for Mac(App)



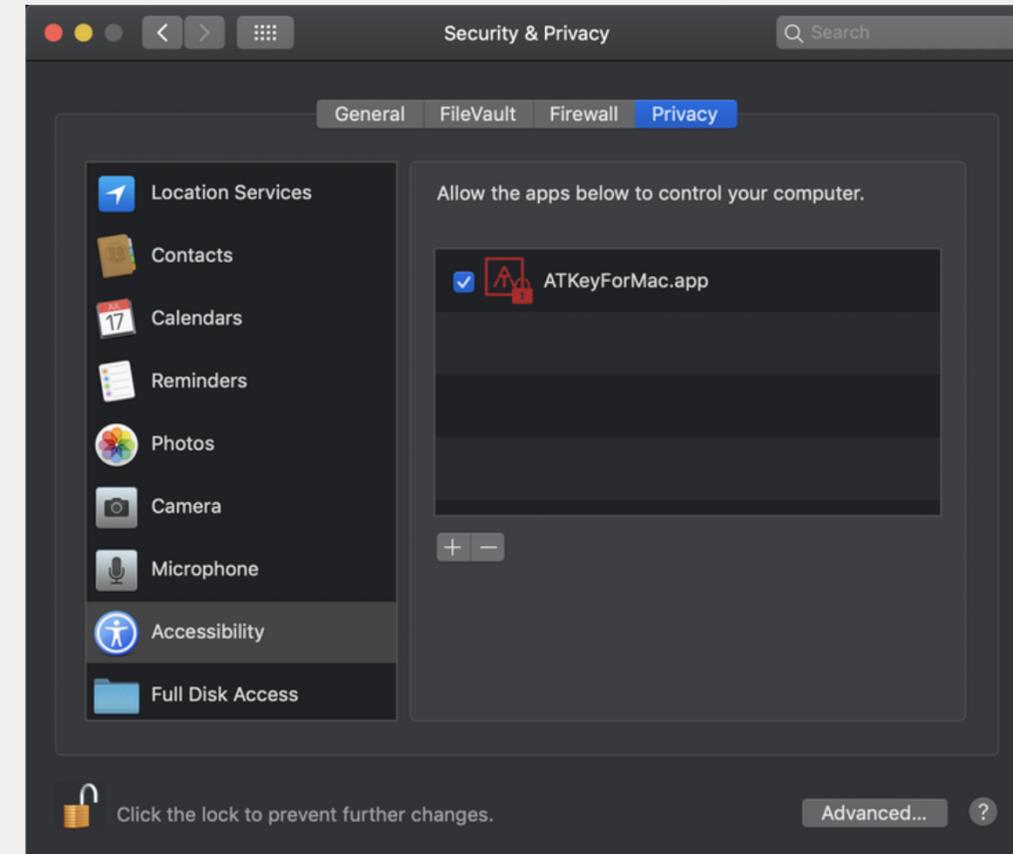
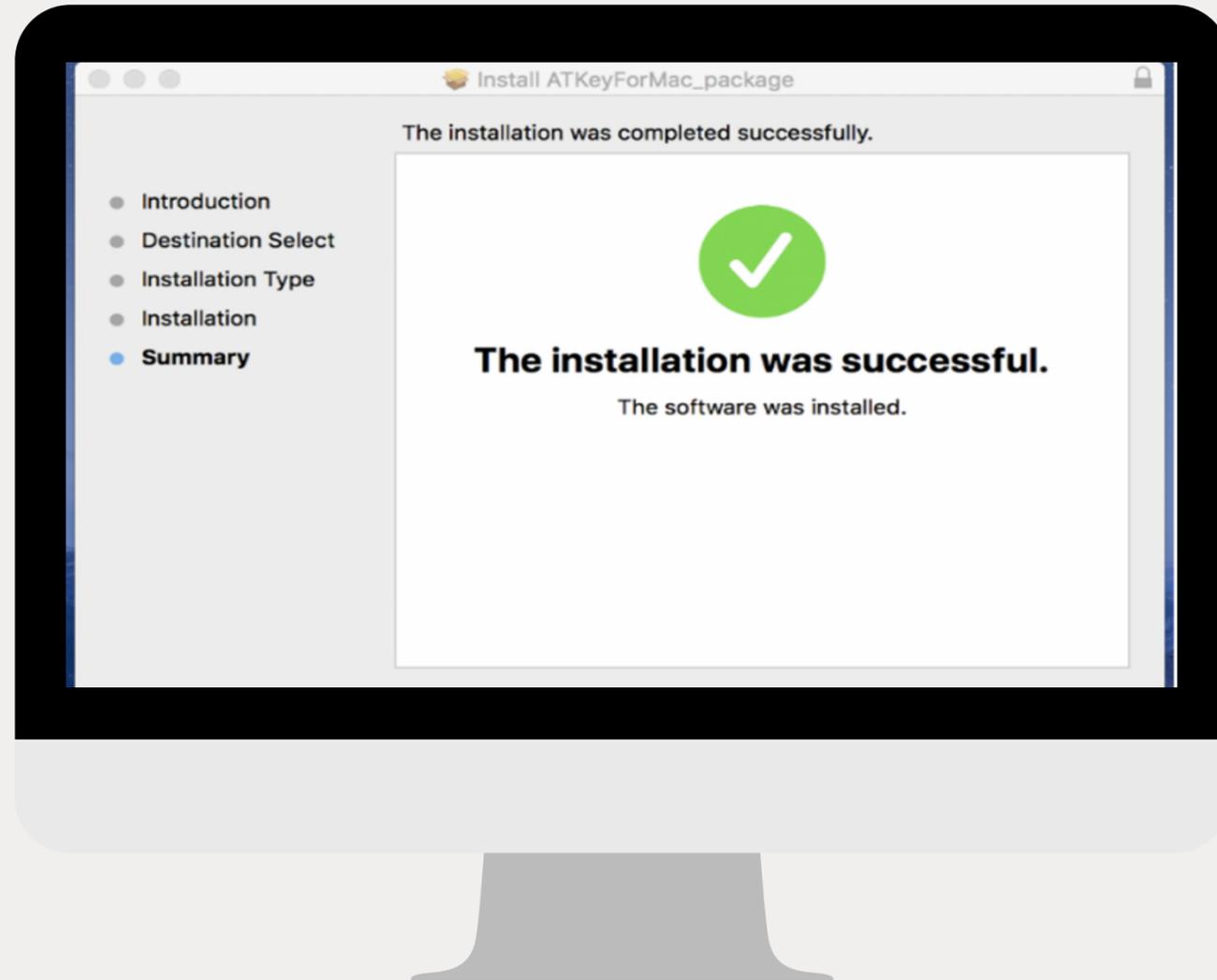
1

## Download "ATKey for Mac" App



<https://authentrend.com/download/ATKeyForMac.zip>

- Version: v1.2.5 and above
- Please unlock "ATKeyforMac.app" from Security & Privacy

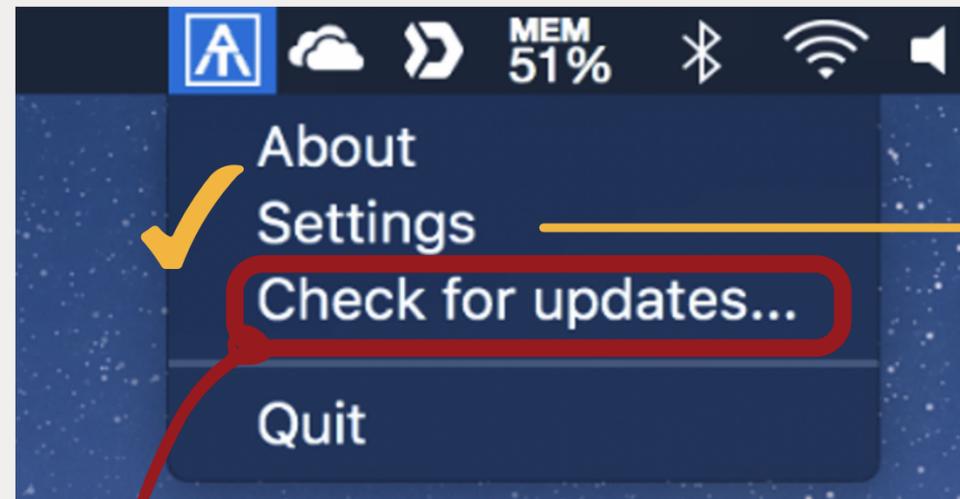


2

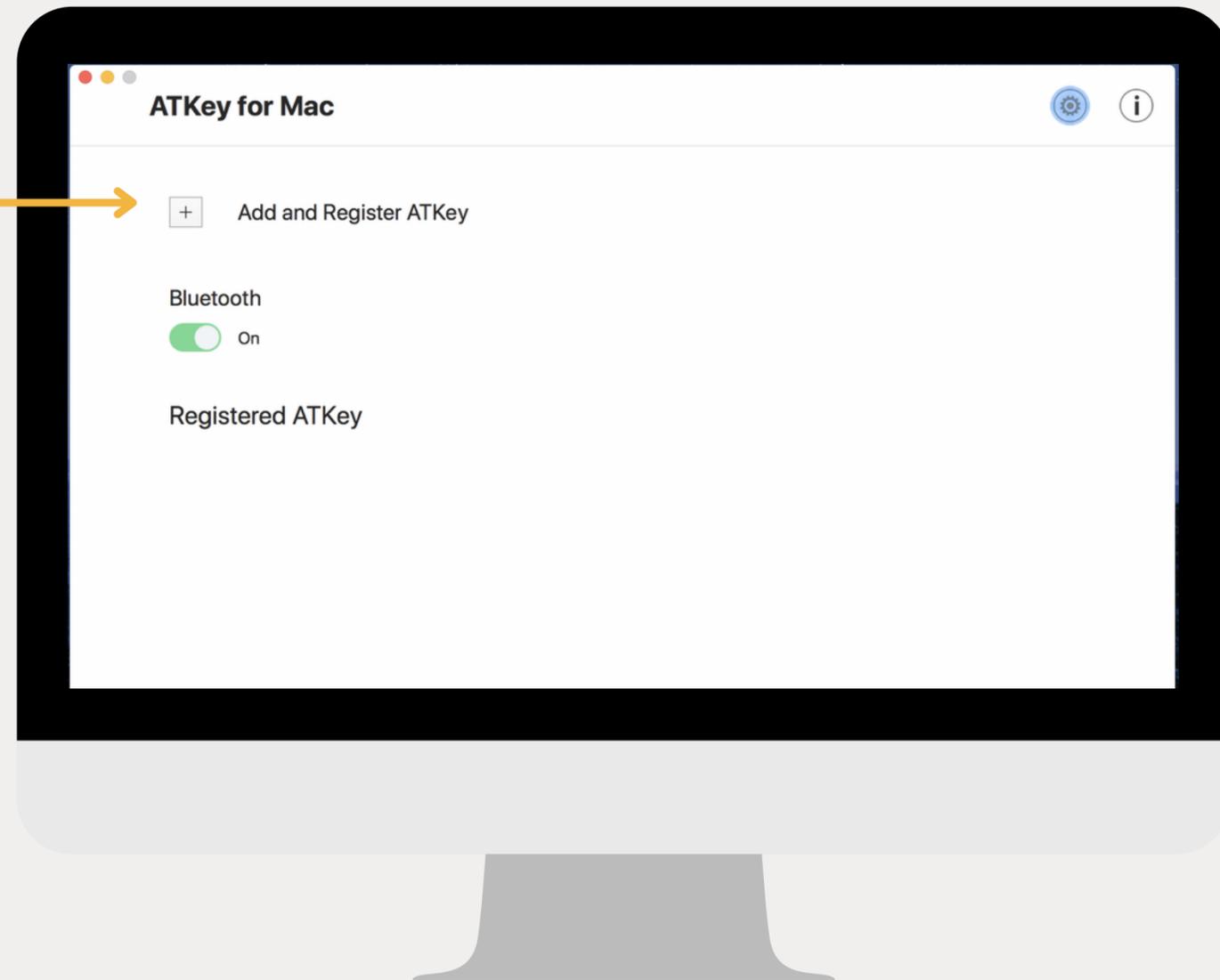
## Launch the App and add your ATKey

Turn Bluetooth on first.

The App will appear on your Menu bar, click on 'Settings' to open the App.



Easy to update your App

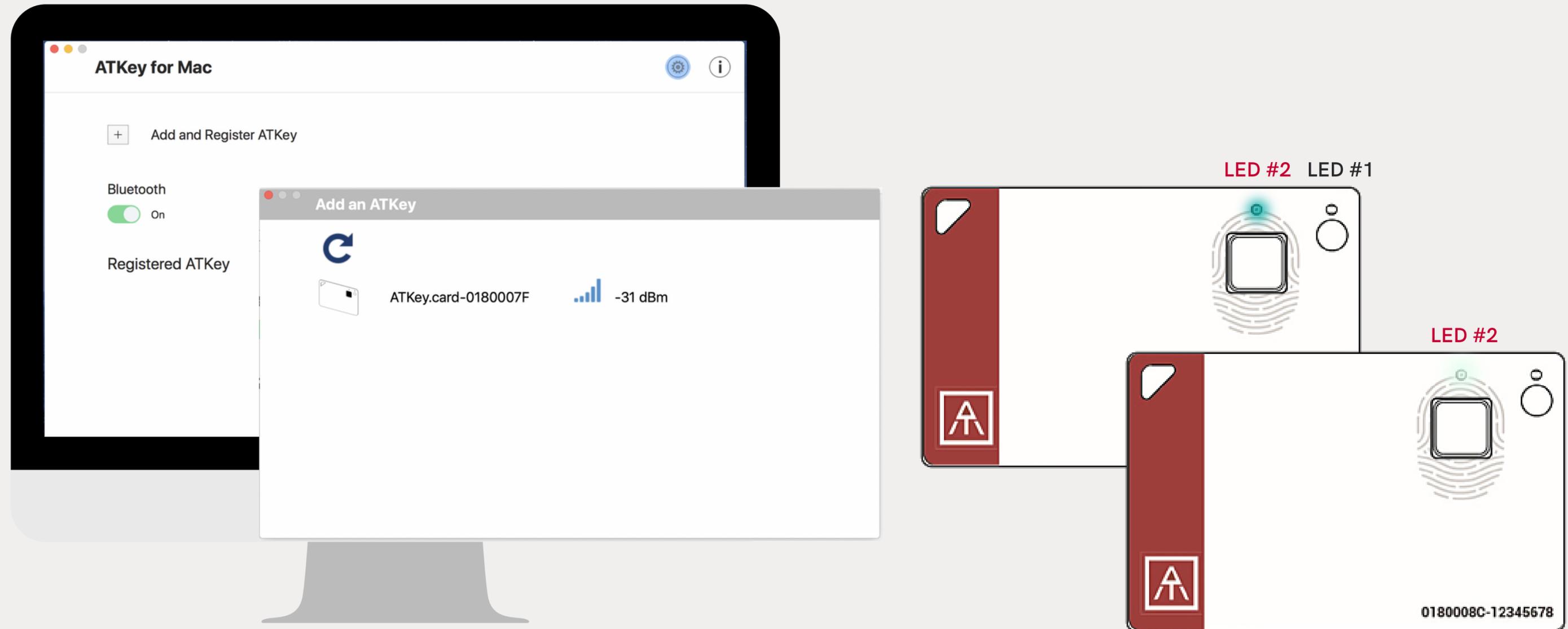


3

## Launch the App and add your ATKey

Press the power button **twice** and BLE begins broadcasting (LED#2 flashes in **CYAN**)

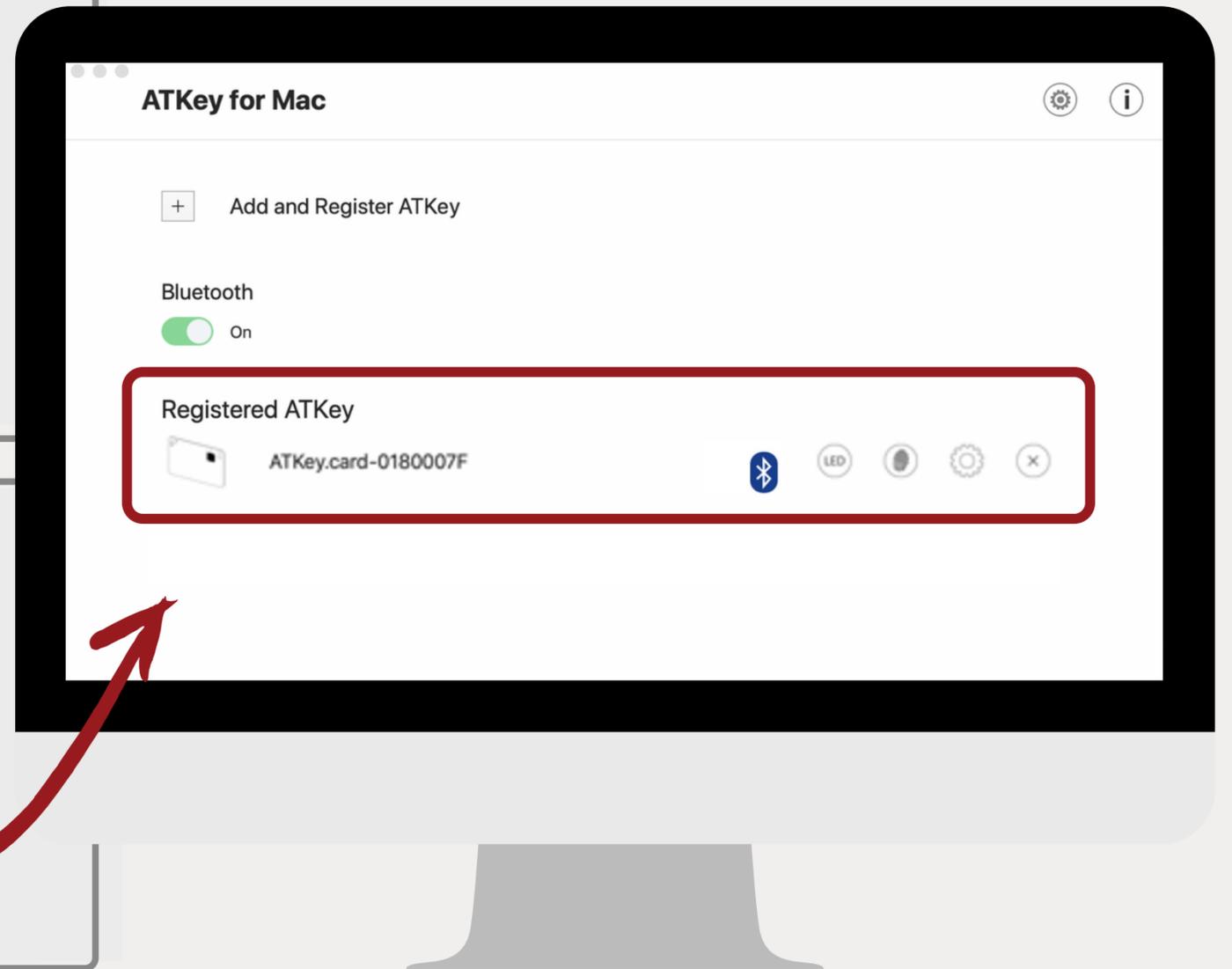
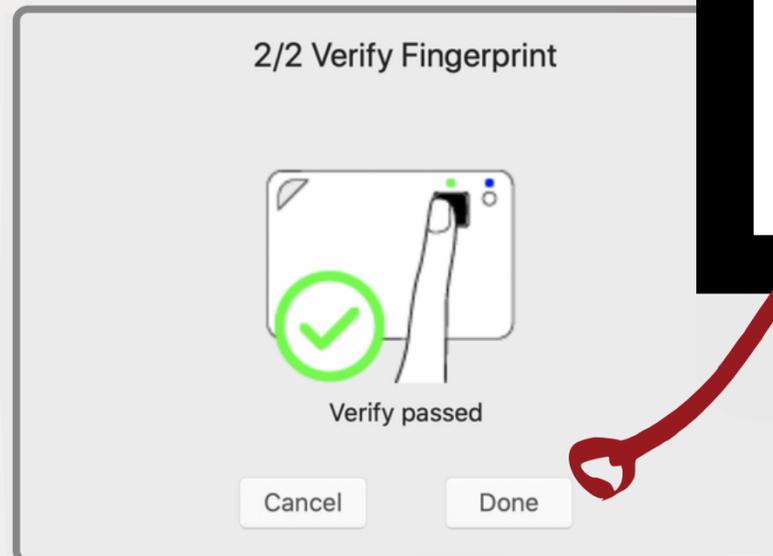
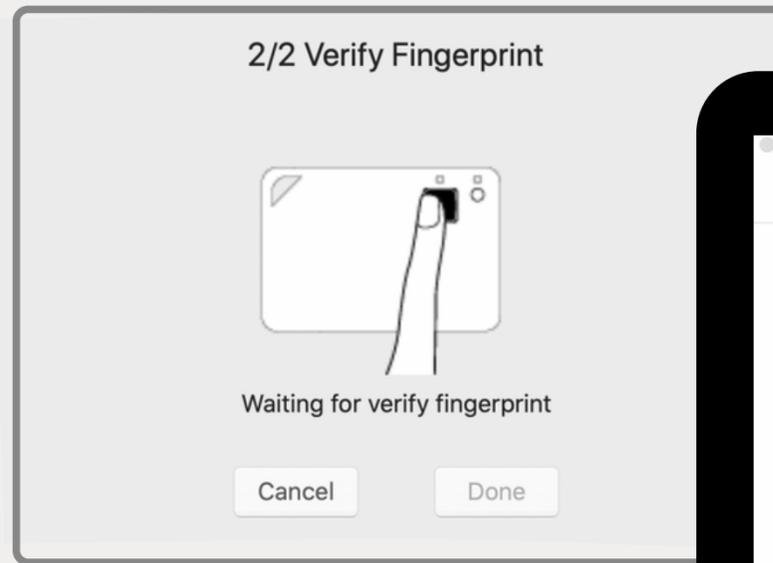
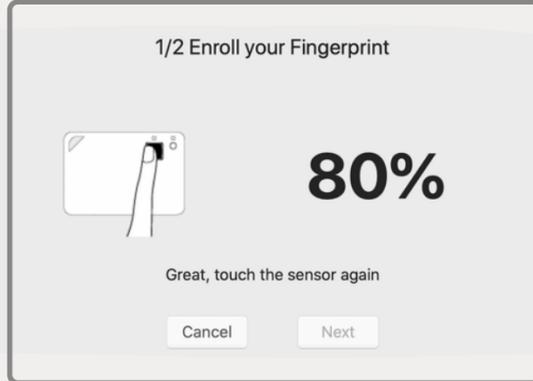
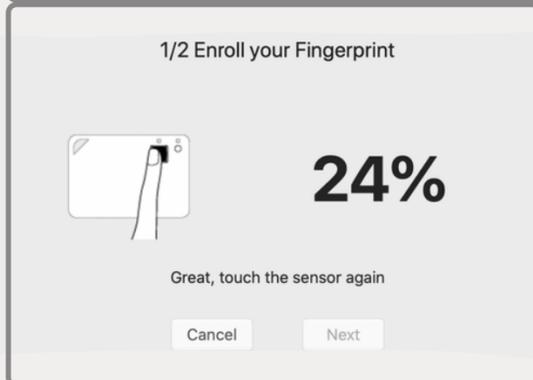
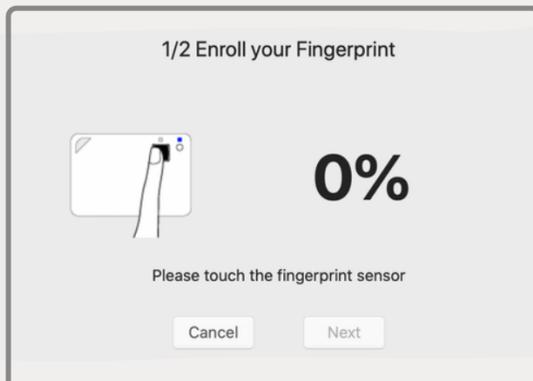
Touch the fingerprint sensor to confirm the BLE pairing (LED#2 flashes in **WHITE**)



# 4

## Enroll Your Fingerprint

1. Enroll your fingerprint in a circular motion until 100%.
2. Verify your enrolled fingerprint.





# Others

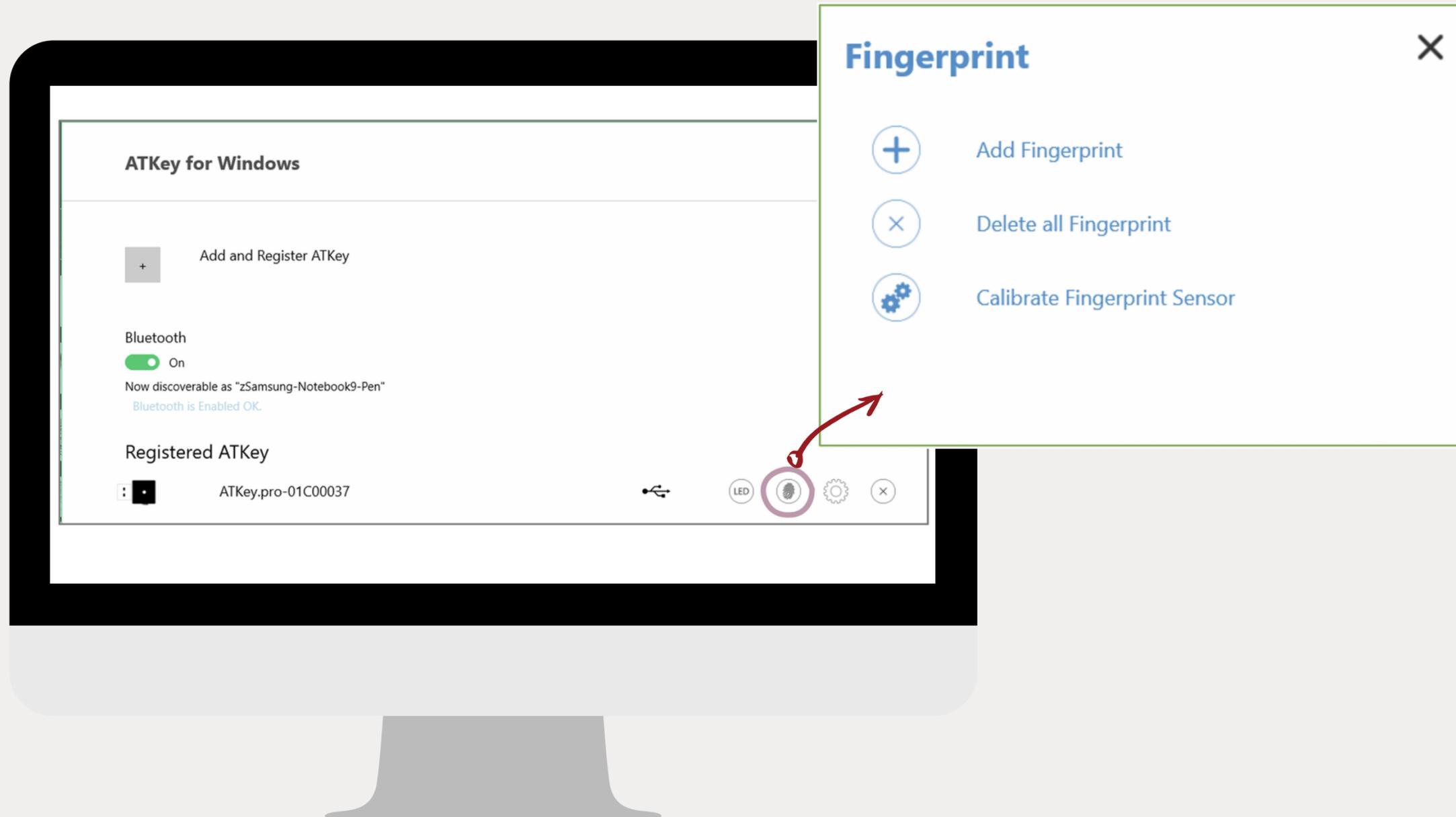
- Add and remove fingerprints



1

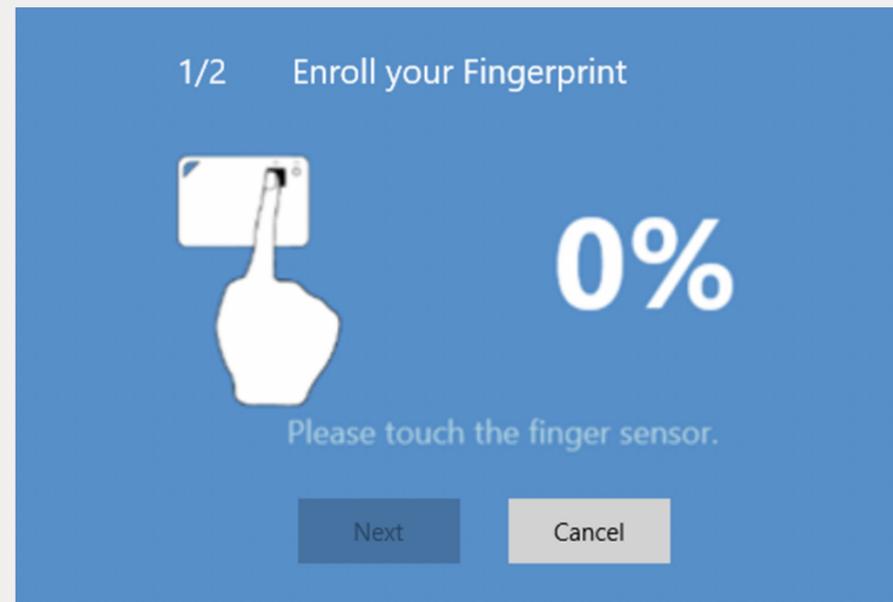
# Fingerprint Management

Turn your ATKey.Card on and launch the App

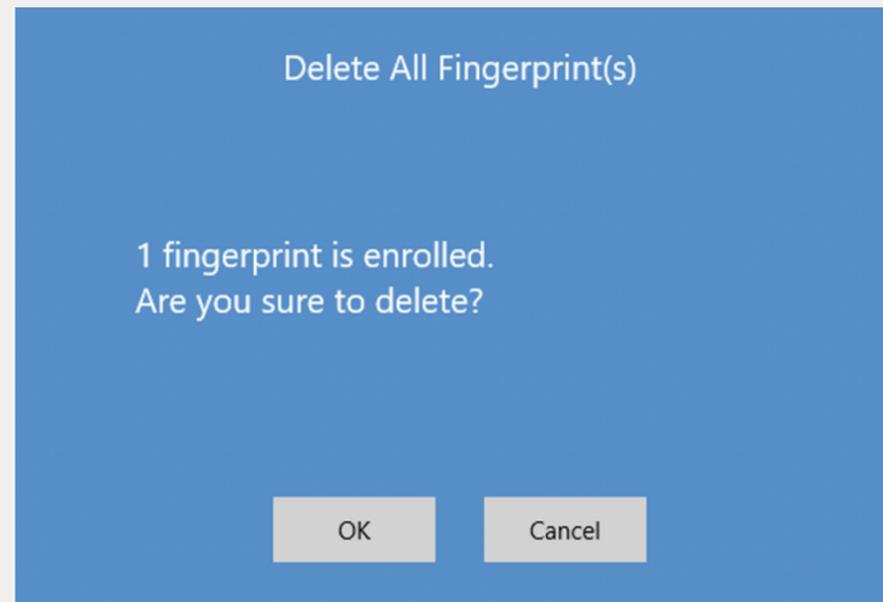


## 2

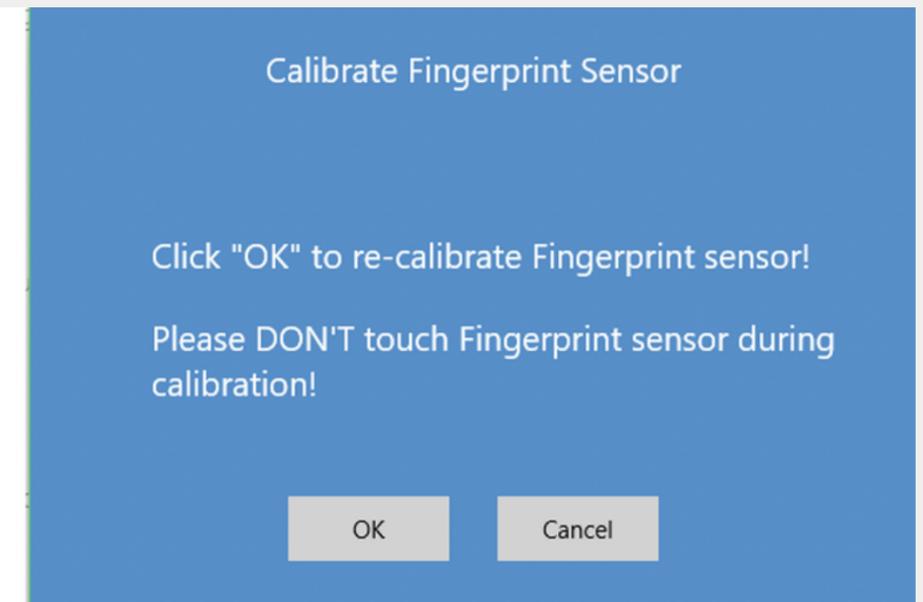
# Add / Remove Fingerprints



- Enroll new fingerprints by following instructions.



- It needs Windows PIN code to authorize before delete fingerprints.



- Doing Calibration to recalibrate the sensor.
- Don't put your finger on it during calibration.
- ○ ○ ○ WHITE LED will flash and back to ██████████ Blue.

**Enjoy your biometric authentication experience!**

**Download the user manual from here:**



Powered by **AUTHENTREND**

Questions?  
Let us know!



[www.authentrend.com/atkey-card](http://www.authentrend.com/atkey-card)



[contact@authentrend.com](mailto:contact@authentrend.com)