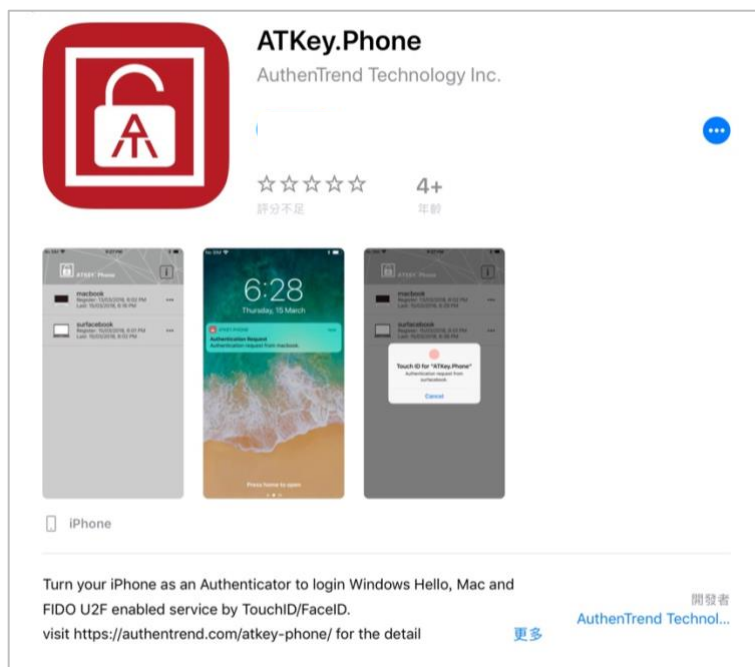


ATKey.Phone Quick Guide

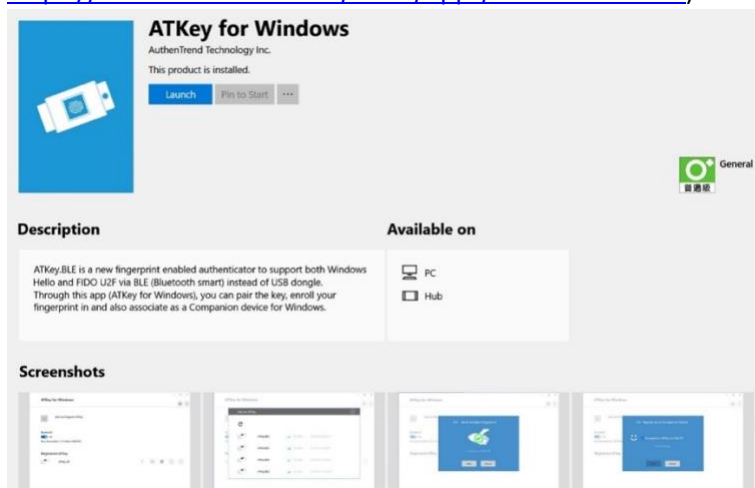
2018.03 rev1.0

- **Preface**

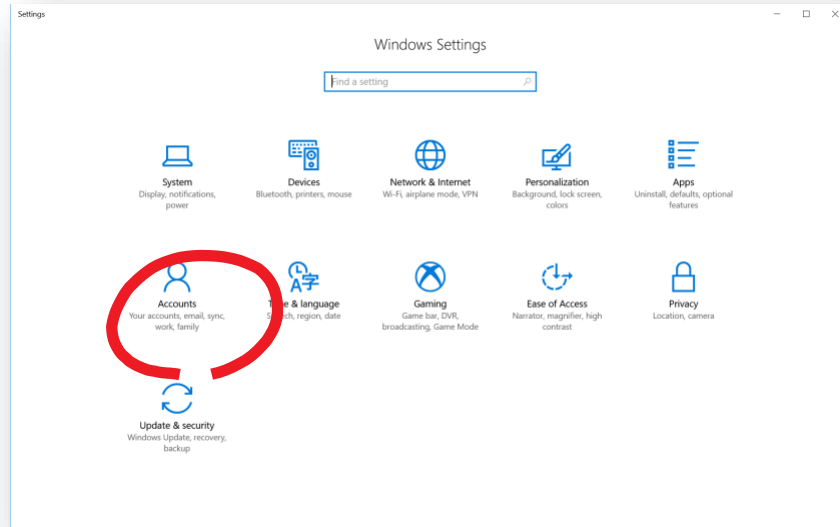
- ATKey.Phone is a iOS app to unlock your Windows 10 (Windows Hello) and also Mac OSX by TouchID or FaceID from your iPhone - turn your iPhone as an authenticator to login multiple devices (Windows 10, Mac) and also FIDO U2F service.
- Android version will be ready soon~
- You need to purchase “ATKey.Phone” from Apple store; and you also need to download [Windows app](#) or [Mac app](#) to your PC to pair (via Bluetooth) with your iPhone; visit <https://authentrend.com/atkey-phone/> for more detail.



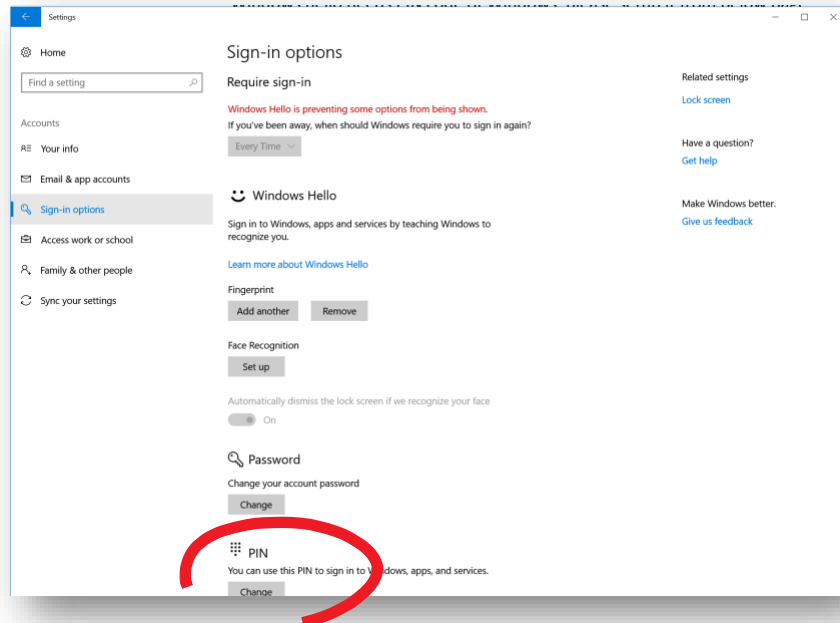
- “ATKey for Windows” app (download from Windows Store): <https://www.microsoft.com/store/apps/9P7GR8W9SJD3>



- After installed app, please follow below steps to Enable PIN of Windows
- Windows hello needs PIN code of Windows, please setup it from below page:
 - Windows Settings = > Accounts

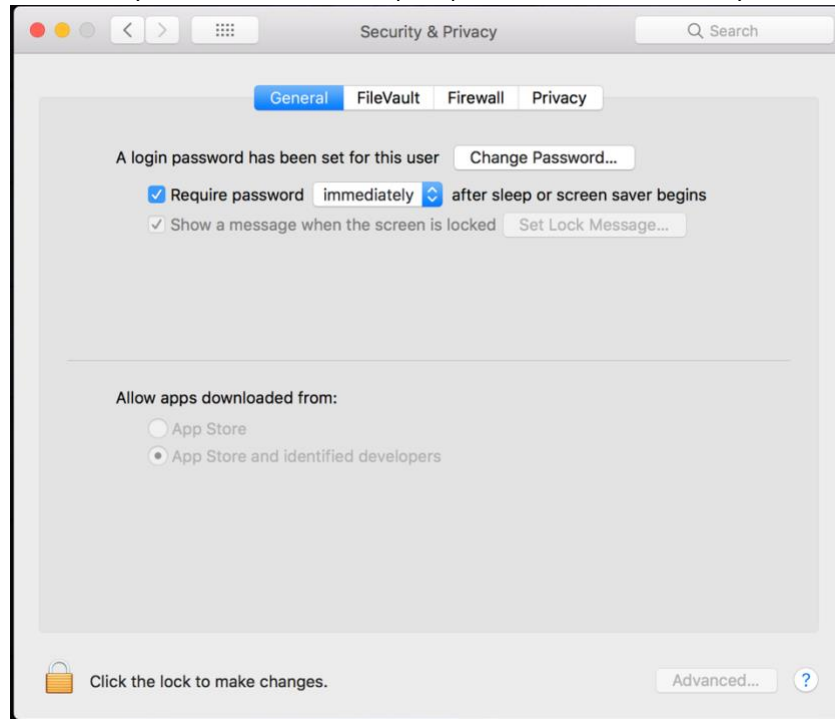


- Accounts => Sign-in Option

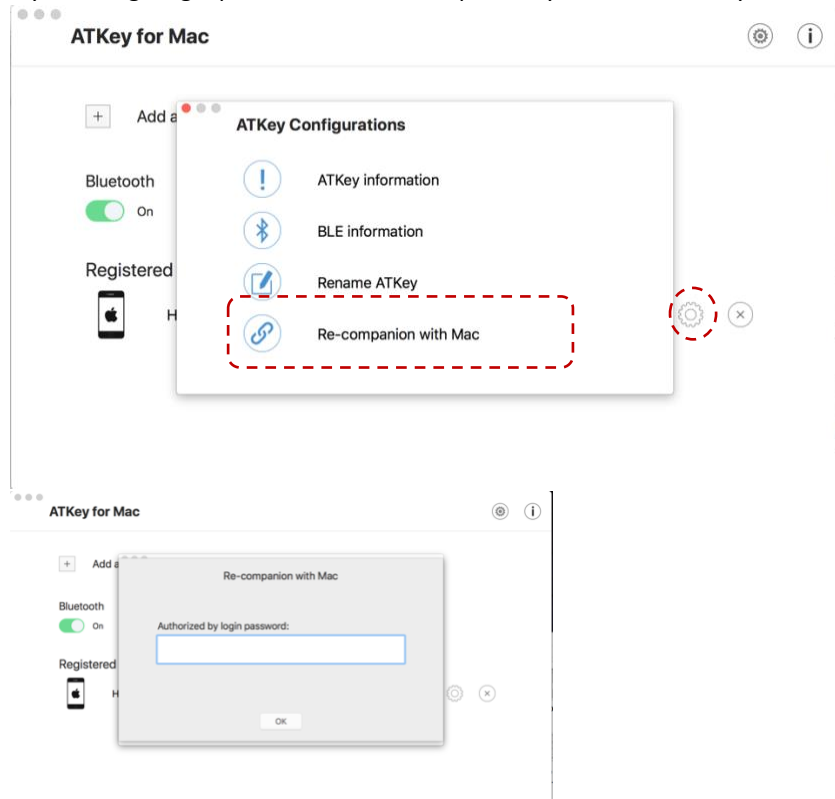


- PIN
 - SETUP your PIN code following Windows instructions
- We turn the iPhone as an external authenticator for Windows Hello via CDF (Companion Device Framework) to login Windows 10

- “ATKey for Mac” app (download from AuthenTrend web):
<https://authentrend.com/download/ATKeyForMac.zip>
 - For Mac OSX, we send secure U2F token to Mac to bring the filled password to login:
 - this means you need to enable “Require password” as “immediately”

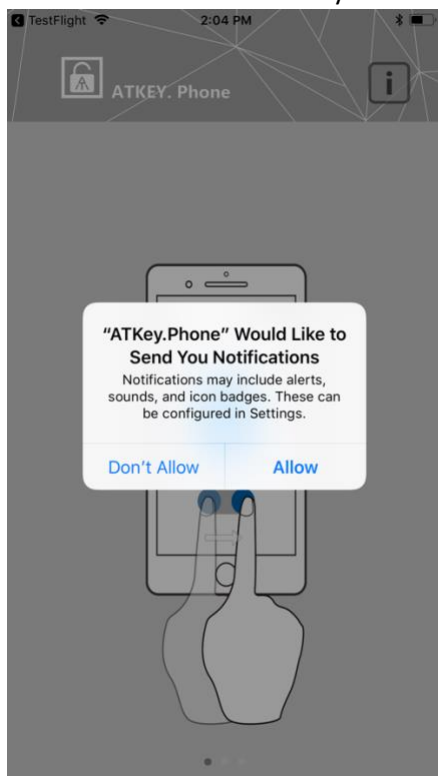


- if you change login password of the Mac, please sync it from “ATKey for Mac”:

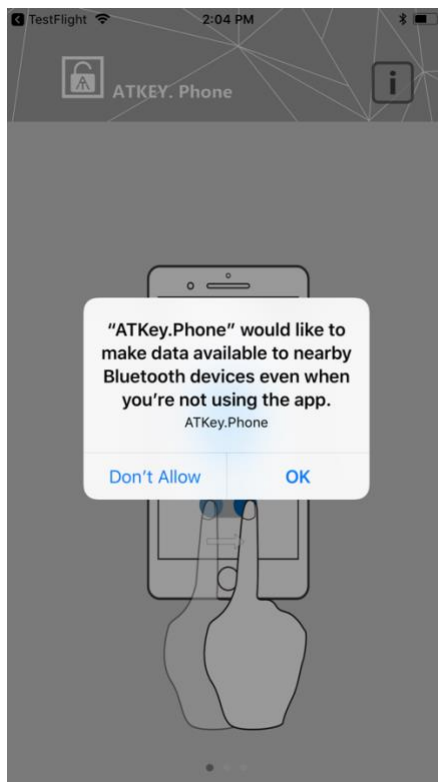


- **Start your ATKey.Phone**

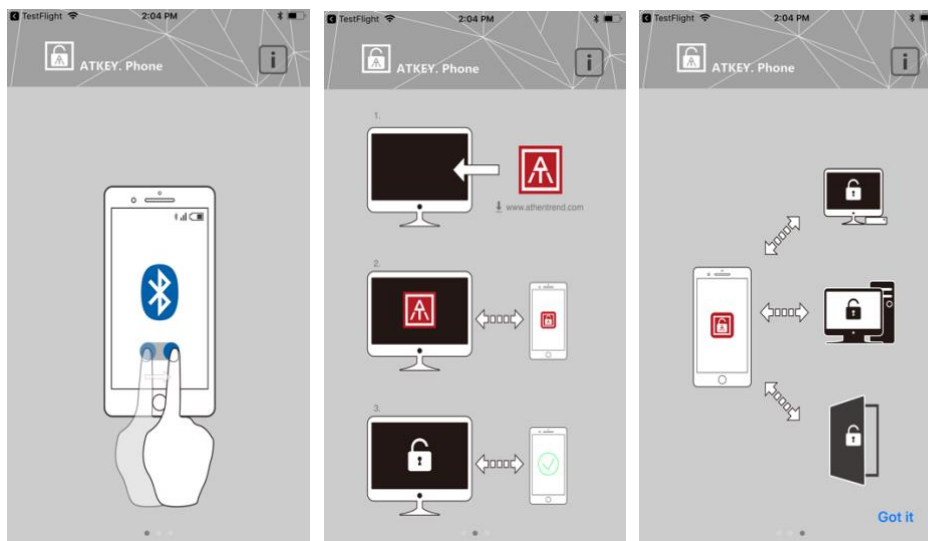
- You need to “Allow” “Send you Notifications” as below:



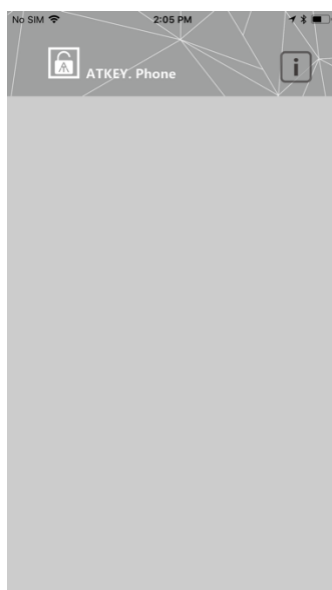
- You need to “OK” for Bluetooth as below:



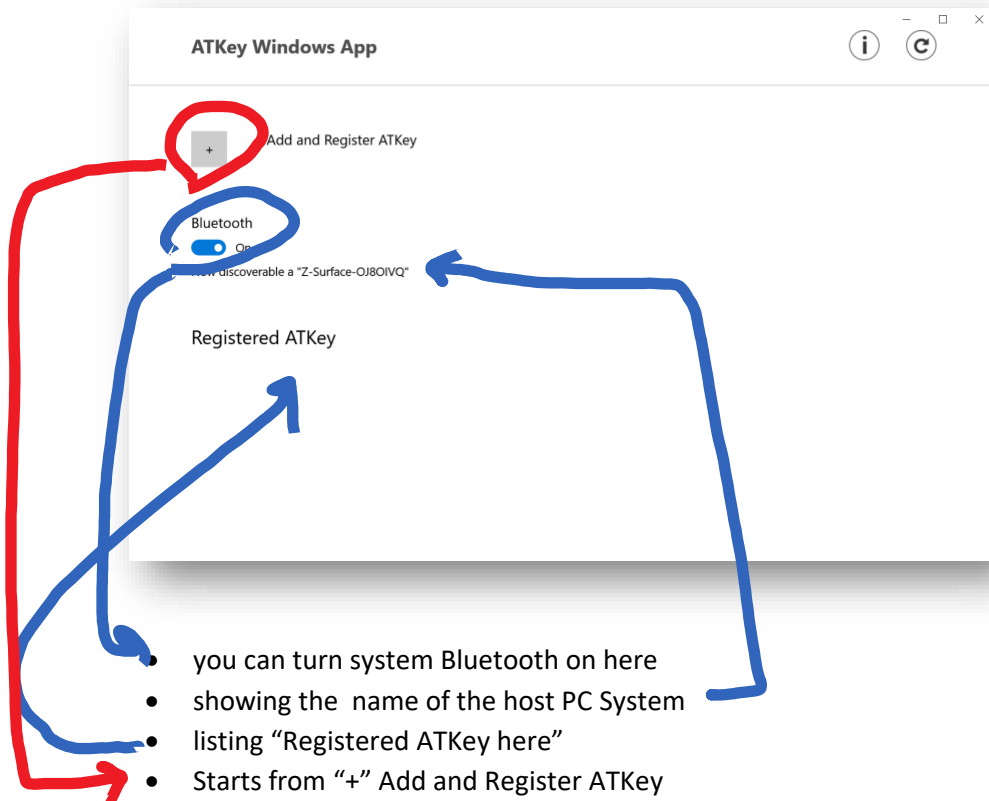
- Showing “Hints” at app 1st launching stage (Turn Bluetooth on; download app for both iPhone and PC; pair iPhone to PCs (pair one by one):



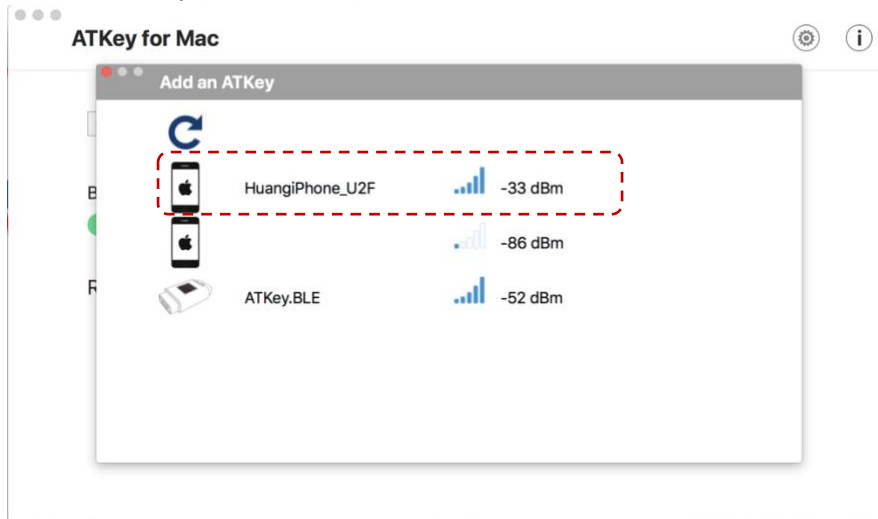
- Click “Got it” to get into app – here will list all paired devices here:



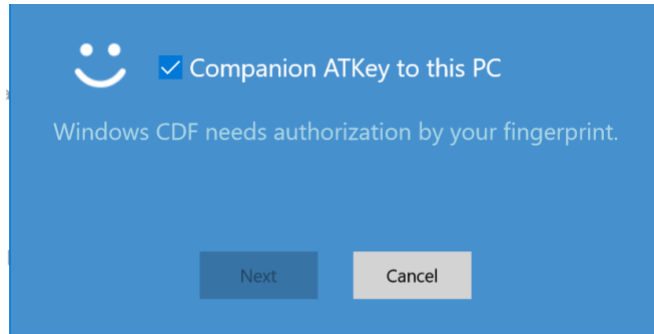
- Then, pairing iPhone from Windows or Mac



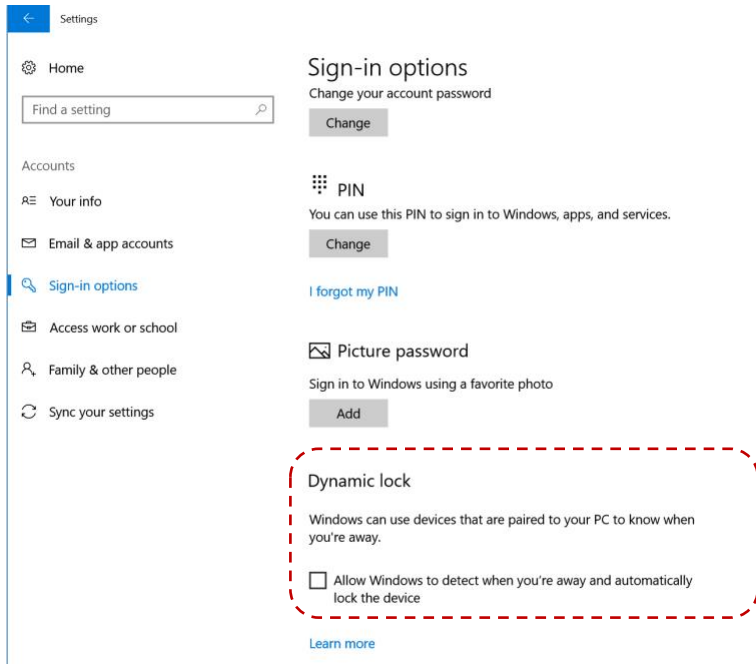
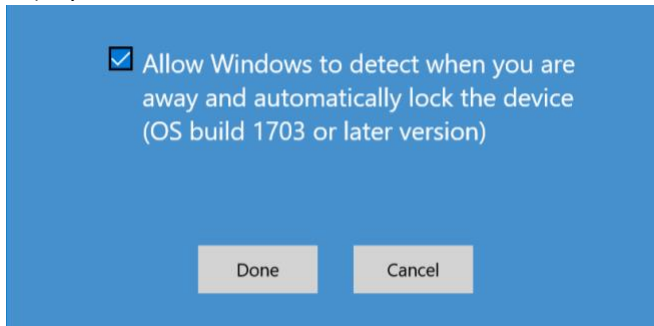
- Discover ATKey (base on RSSI) around the host PC



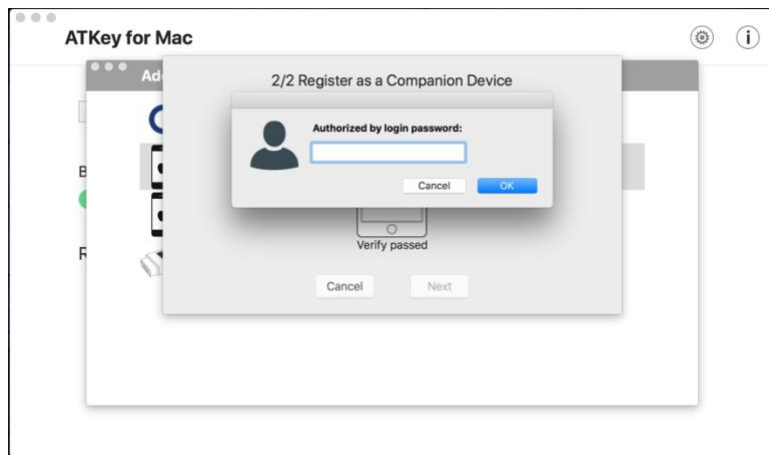
- Click your iPhone to connect
 - For Windows 10, it needs pair by 6 digits input, then it needs authorization from Windows Hello (PIN code or ...)
 - We will copy the iPhone name + "_U2F" as default name of the key, you can type in the name you preferred (max. 16 text), but it's better removing all special characters or double byte character to avoid naming issue from FIDO security key
 - "Check" "Companion ATKey to this PC" to enable Windows Hello CDF



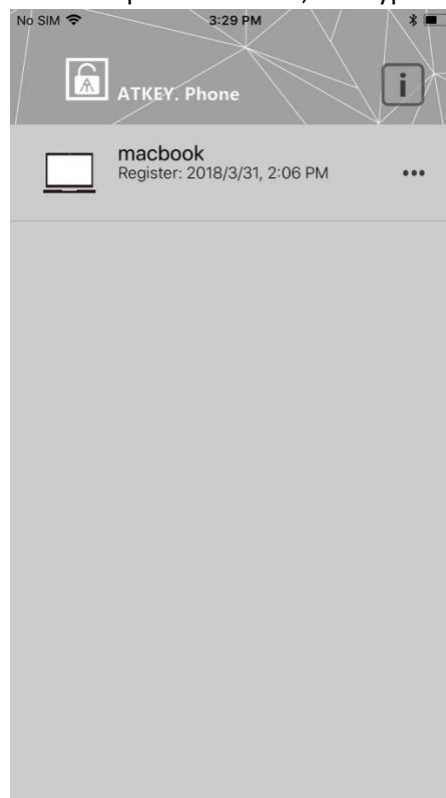
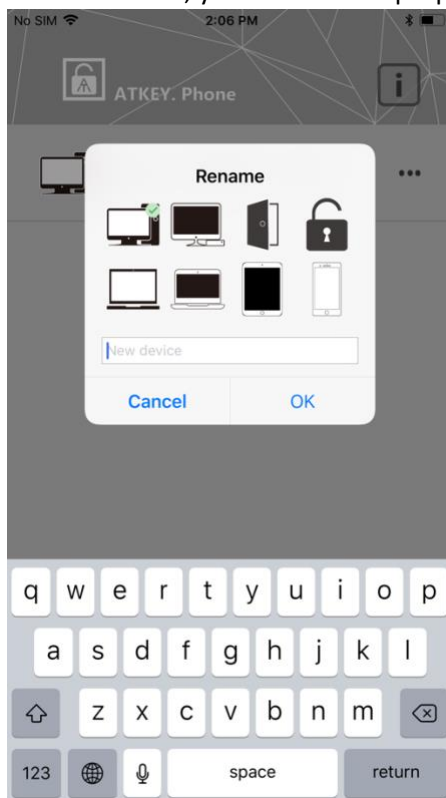
- We can do “auto lock” base on RSSI (the Bluetooth signal between iPhone and PC) if you ENABLE below item



- For Mac, it can connect by TouchID verification directly, please type in Mac login password properly (if your typing password is not right, we can't login it well)
 - We will copy the iPhone name + “_U2F” as default name of the key, you can type in the name you preferred (max. 16 text), but it's better removing all special characters or double byte character to avoid naming issue from FIDO security key

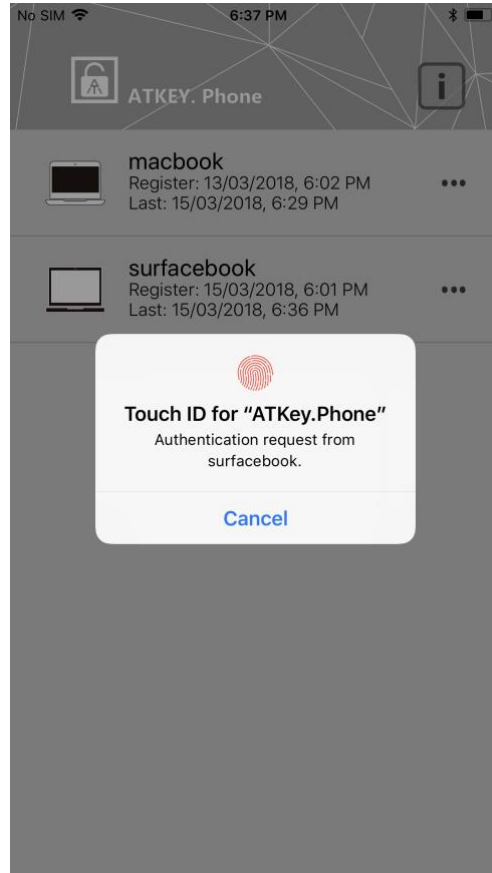
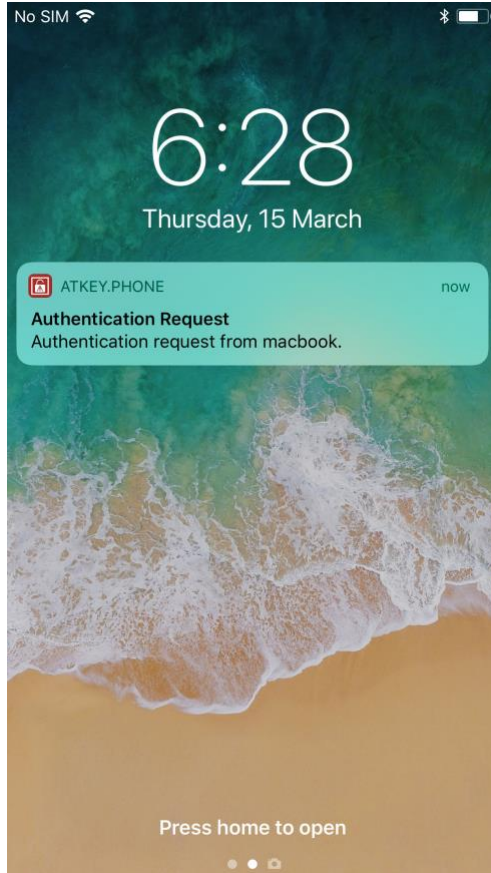


- Back to iPhone, you can select a proper icon to represent the PC, and type in the name of the PC



- **Ready to use**

- For both Windows 10 or Mac OSX, at login screen, it will broadcast (Bluetooth) to find paired ATKey (iPhone) to connect, then you will receive a notification at phone, just click it and following the screen by TouchID or FaceID to login Windows 10 or Mac OSX.



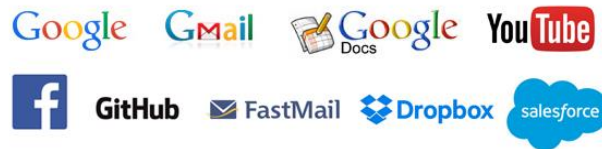
- **FIDO U2F (2nd Factor)**

- If you want to get more ideas of FIDO and U2F, please visit this URL:
<https://fidoalliance.org/specifications/overview/>

- ATKey for U2F

- Read these items first:

1. Please download and install Chrome Browser, we are doing U2F base on Chrome plug-ins
2. Here are FIDO U2F enabled online services



i.

- b. If you are using Google ID or Facebook ID as other online login, you can leverage ATKey as 2nd factor still for higher security

3. Please make sure you already paired and companioned your ATKey for Windows

- This is generic FIDO U2F:

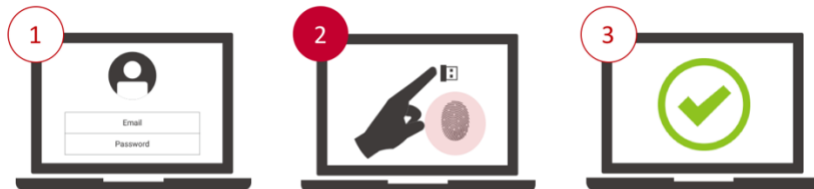
- 1st factor: something you know (ID/Password),
- 2nd factor: something you have (authenticator)

SECOND FACTOR EXPERIENCE (U2F standards)



- AuthenTrend brings biometrics into FIDO as 3rd factor combining with 2nd factor, high secure even you lost the authenticator, no one can use it except fingerprint verified

- 1st factor: something you know (ID/Password)
- 2nd factor: something you are (fingerprint) + something you have (ATKey)



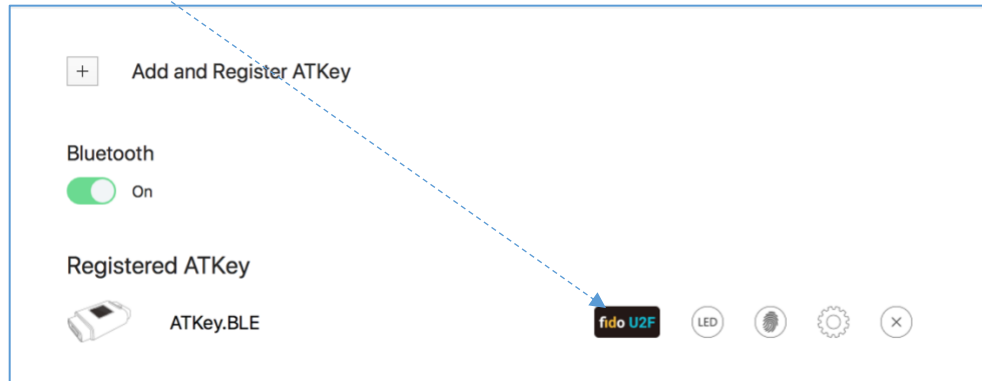
1st factor: Something you know (ID/Password)

2nd factor: Something you have + Something you are!

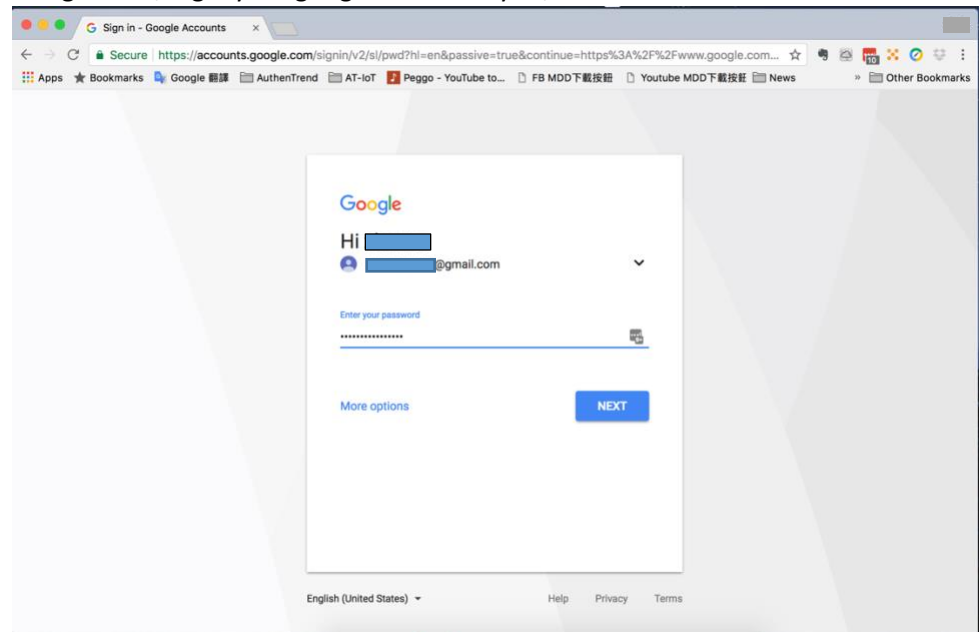
- Install and enable U2F (for Windows 10 only; for Mac, no extra download needs, it's ready with "ATKey for Mac"):
- Download and install "ATKey U2F Plug-in" from AuthenTrend web site; after installation, you should see below program icons from Start Menu



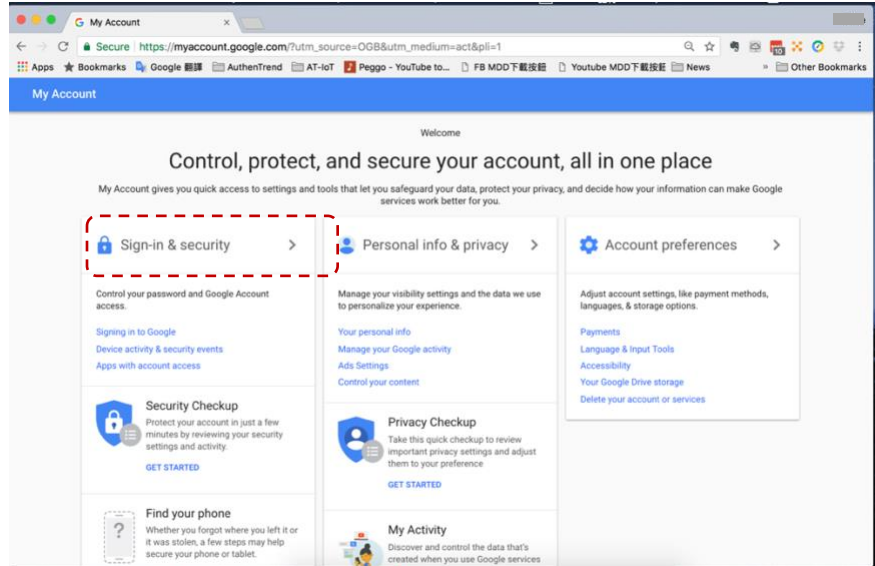
And "fido U2F" icon is enabled as below:



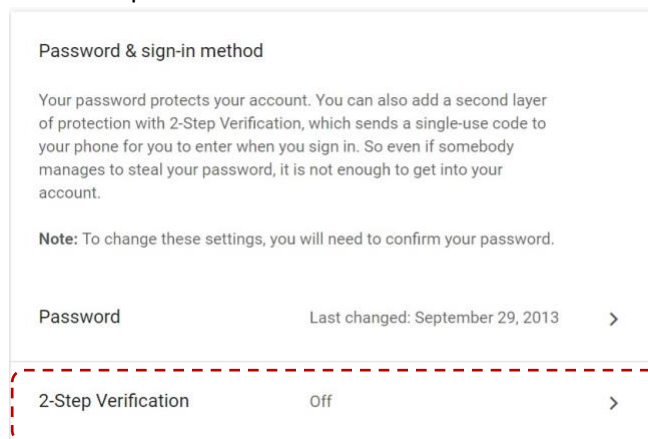
- Take example from Google
 - a) Google.com, login your google account by ID/Password first as usual:



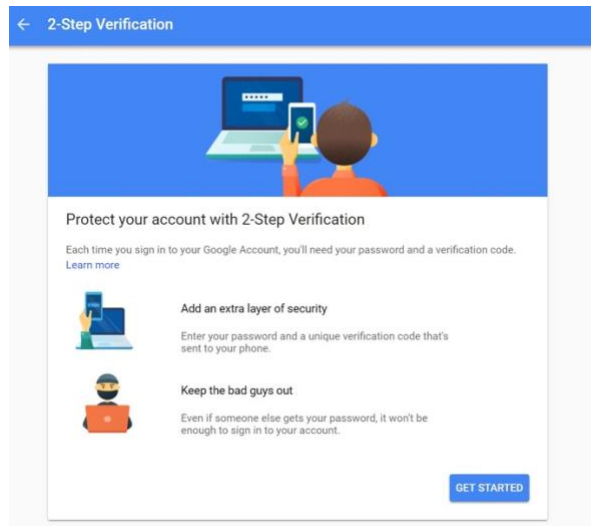
- b) Enabled U2F
 - Start from "Sign-in & Security":



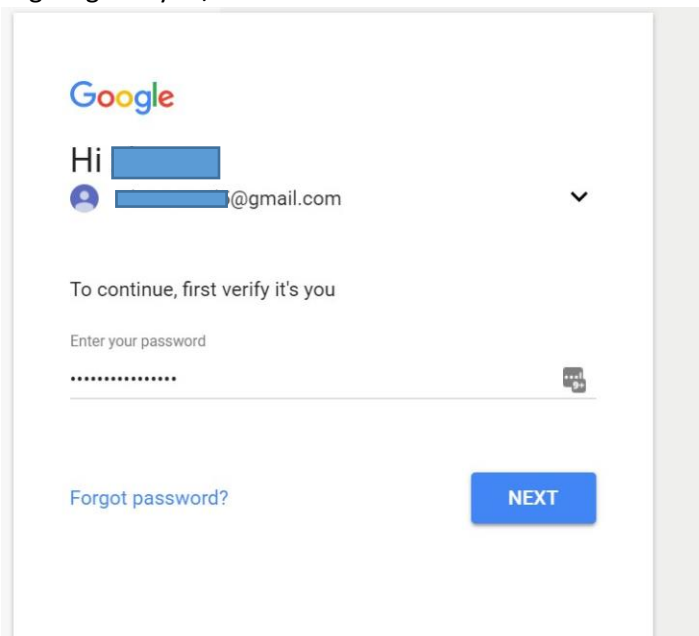
○ Turn 2-step Verification ON



○ Get Start



- Login again by ID/Password:



Google

Hi [redacted]

[redacted]@gmail.com

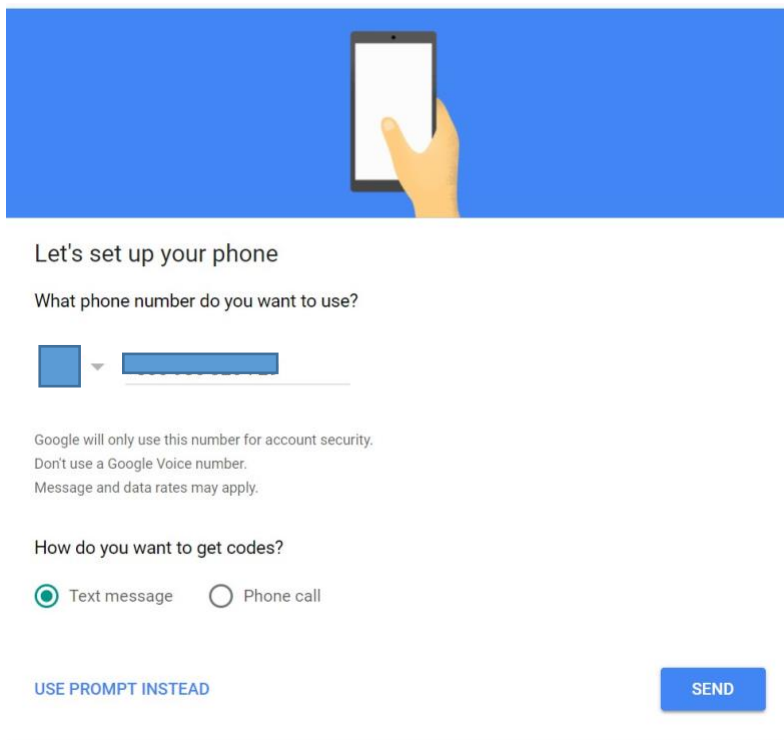
To continue, first verify it's you

Enter your password

.....

[Forgot password?](#) **NEXT**

- You must get SMS code from your mobile phone first – select your country, type in your phone number, click “SEND” to receive SMS code



Let's set up your phone

What phone number do you want to use?

[country code] [phone number]


Google will only use this number for account security.
Don't use a Google Voice number.
Message and data rates may apply.

How do you want to get codes?

☒ Text message ☐ Phone call

[USE PROMPT INSTEAD](#) **SEND**

- Type in SMS code



Confirm that it works


Google just sent a text message with a verification code to **0936 326 729**.

[Enter the code](#)

Didn't get it? [Resend](#)

[BACK](#) [NEXT](#)

- Confirm to turn on 2-step verification (default is voice or SMS)



Turn on 2-Step Verification?

Second step: **Voice or text message (default)**

You'll stay signed in to [redacted]@gmail.com on these devices: [redacted].

You'll be signed out of your other devices. To sign back in, you'll need your password and second step.

[TURN ON](#)

- Page down to find "Security Key" and "add security key"

2-Step Verification

2-Step Verification is ON since Feb 6, 2018

TURN OFF

Your second step

After entering your password, you'll be asked for a second verification step. [Learn more](#)

Tired of typing verification codes?

Get a Google prompt on your phone and just tap Yes to sign in.

ADD GOOGLE PROMPT

Voice or text message (Default)

Verified

Verification codes are sent by text message.

Set up alternative second step

Set up at least one backup option so that you can sign in even if your other second steps aren't available.

Backup codes

These printable one-time passcodes allow you to sign in when away from your phone, like when you're traveling.

SET UP

Google prompt

Get a Google prompt on your phone and just tap Yes to sign in.

ADD PHONE

Authenticator app

Use the Authenticator app to get free verification codes, even when your phone is offline. Available for Android and iPhone.

SET UP

Backup phone

Add a backup phone so you can still sign in if you lose your phone.

ADD PHONE

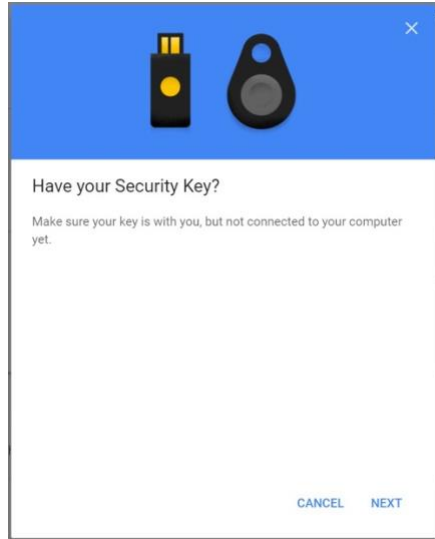
Security Key

A Security Key is a small physical device used for signing in. It plugs into your computer's USB port. [Learn more](#)

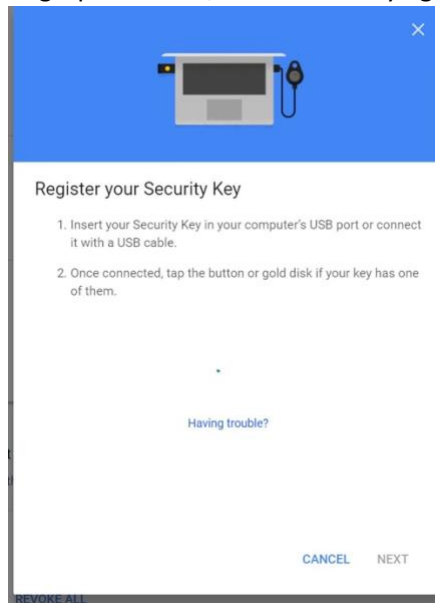
ADD SECURITY KEY

- Prepare your ATKey

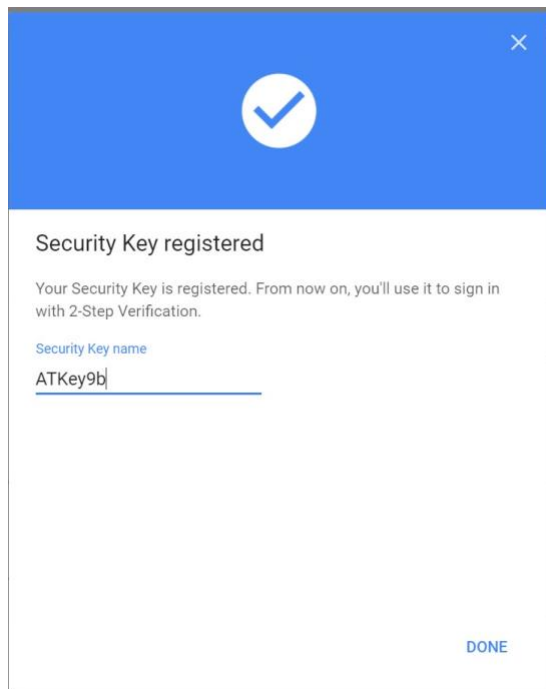
15



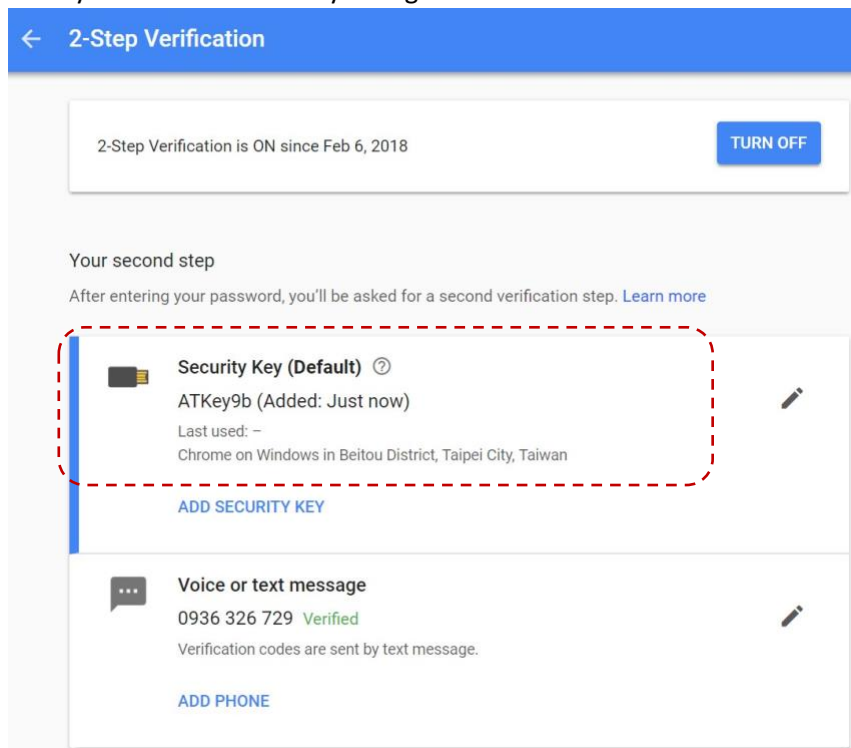
- Register ATKey here – when Blue LED is flashing (ATKey), touch by your registered finger, when Green LED is ON, it means fingerprint verified and register this ATKey to Google U2F server; if Red LED is on, it means fingerprint failed, wait and verify again



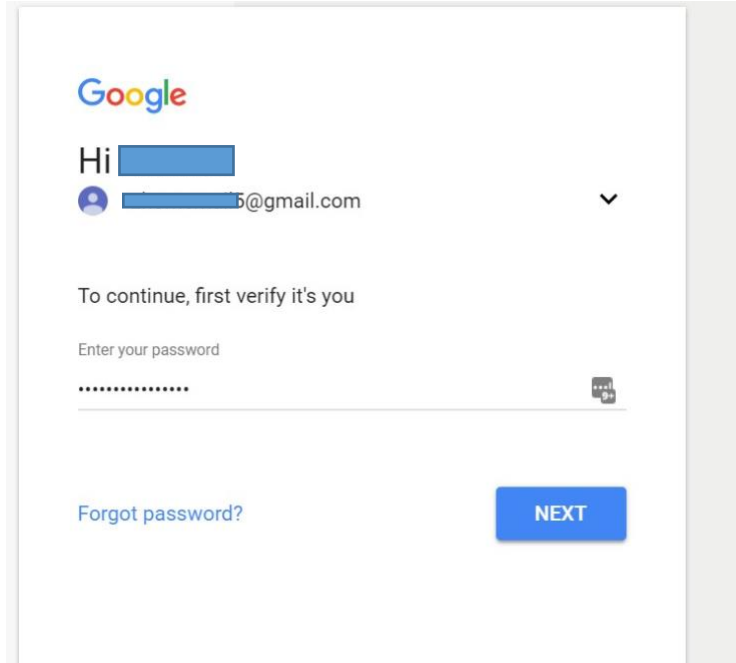
- Fingerprint verified, type in the name of ATKey, then “Done”



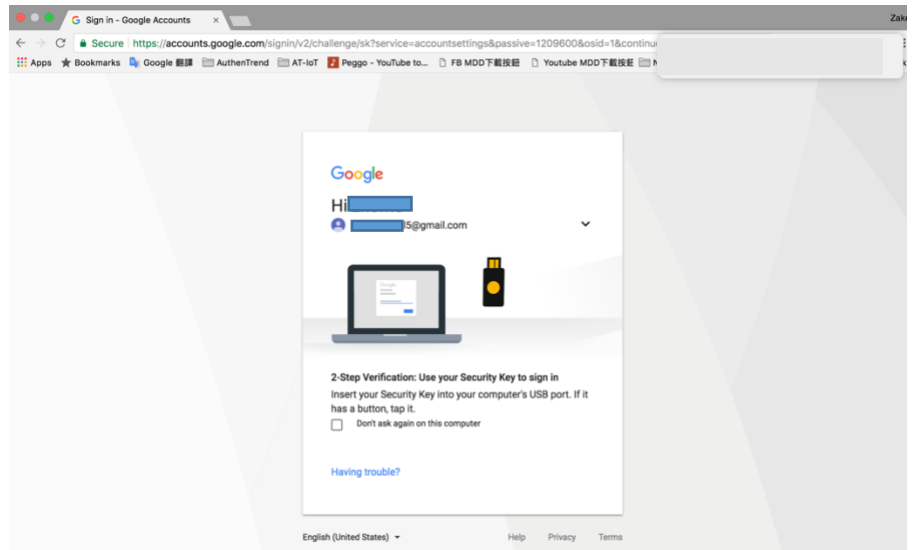
- Then you can see the ATKey listing as a 2nd factor



- c) Logout and login your Google account again:
 - 1st factor: ID/Password still



- 2nd factor: when the blue LED is flashing (ATKey), touch your fingerprint to verify (Green LED on), then it passed 2nd factor to login your google account



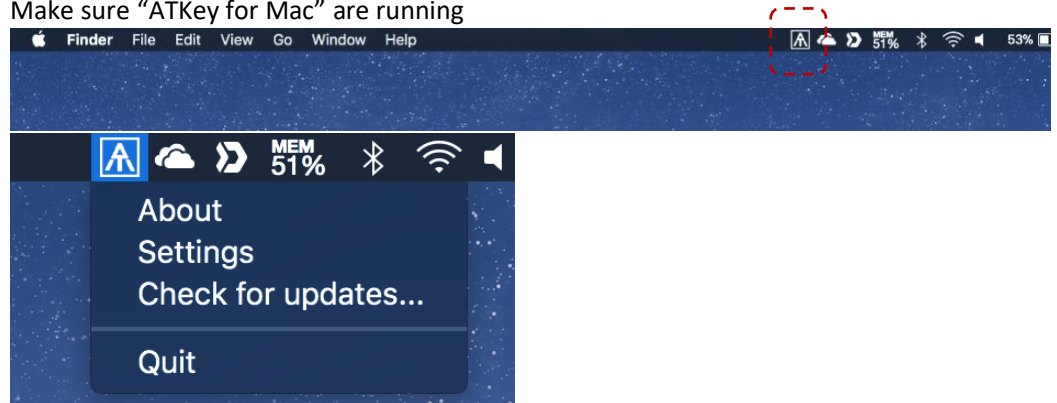
- For other U2F enabled services:
 - Dropbox: <https://www.dropbox.com/help/security/enable-two-step-verification>
 - Facebook: <https://www.facebook.com/notes/facebook-security/security-key-for-safer-logins-with-a-touch/10154125089265766/>
 - Github: <https://help.github.com/articles/configuring-two-factor-authentication-via-fido-u2f/>
 - Salesforce: https://help.salesforce.com/articleView?id=security_u2f_enable.htm&type=5

- **Trouble Shooting**

- For iPhone vs. Windows 10
 - If you can't receive the notification at iPhone during Windows login screen:
 - Make sure Bluetooth is ON for both iPhone and Windows, and iPhone is not occupied by other device (Bluetooth connection)
 - BLE broadcasting (this is background task to consume battery, and it won't stop) for better BLE connection and actions

- For iPhone vs. Mac

- If you can't receive any notification at iPhone during Mac login screen:
 - Make sure Bluetooth is ON for both iPhone and Mac, and iPhone is not occupied by other device (Bluetooth connection)
 - Make sure "ATKey for Mac" are running



- Password must be correct
- If all above items are correct, try to reboot your iPhone and Mac to check again