STRONGKEY TELLARO SB2

Swissbit iShield Key 2 Pro User's Guide for Windows 10

Version 31

I GETTING STARTED: SWISSBIT iSHIELD KEY 2 PRO & SB2PROD PLATFORM

This guide will help you set up your **Swissbit iShield Key 2 Pro** by installing the necessary software and drivers. It also covers how to configure your PC to access the **StrongKey SB2PROD cluster** ("SB2PROD").

The SB2PROD platform allows you to:

- **Securely share information** with StrongKey using the SKCC app.
- **Download Tellaro software releases** via the SKCD app.

The StrongKey Support Team

II PREREQUISITES

- Windows 10
- Microsoft (MS) Edge Browser, version 146.0.3856.109
- Swissbit iShield Key 2 Pro
- Internet connection
- USB-C port or USB-C-to-USB-A adapter

III TABLE OF CONTENTS

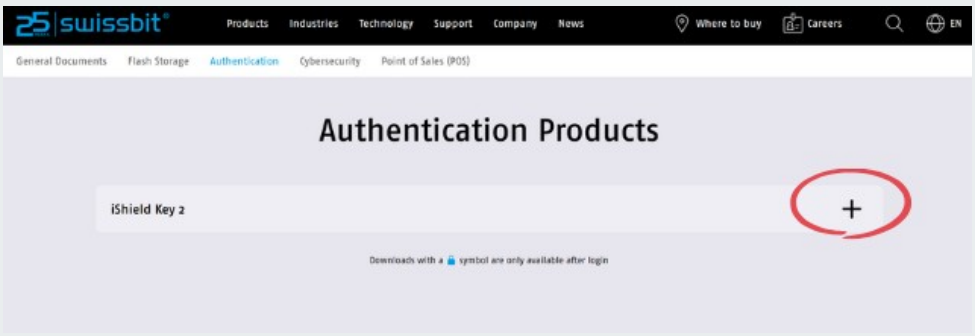
SECTION A

A1 INSTALLING THE SWISSBIT iSHIELD KEY MANAGER

The The Swissbit iShield Key Manager is necessary to use the iShield2 Security Key.

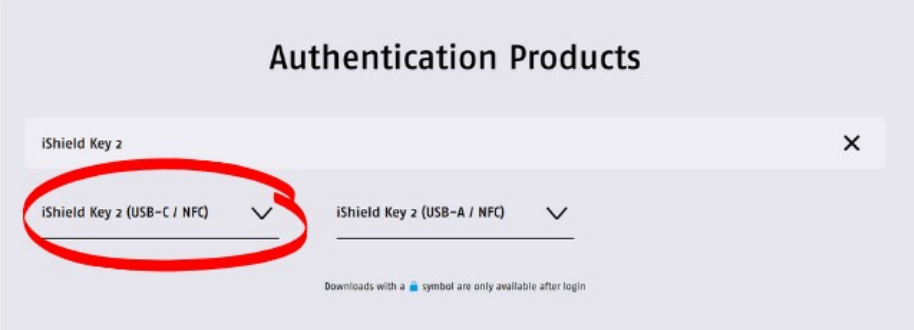
A2 DOWNLOAD iSHIELD KEY MANAGEMENT KIT: PART 1

To download the iShield Key Management Kit for Windows 10, go to https://www.swissbit.com/en/my-swissbit/download-center. Next, scroll down to Authentication Products and expand by clicking the plus icon.



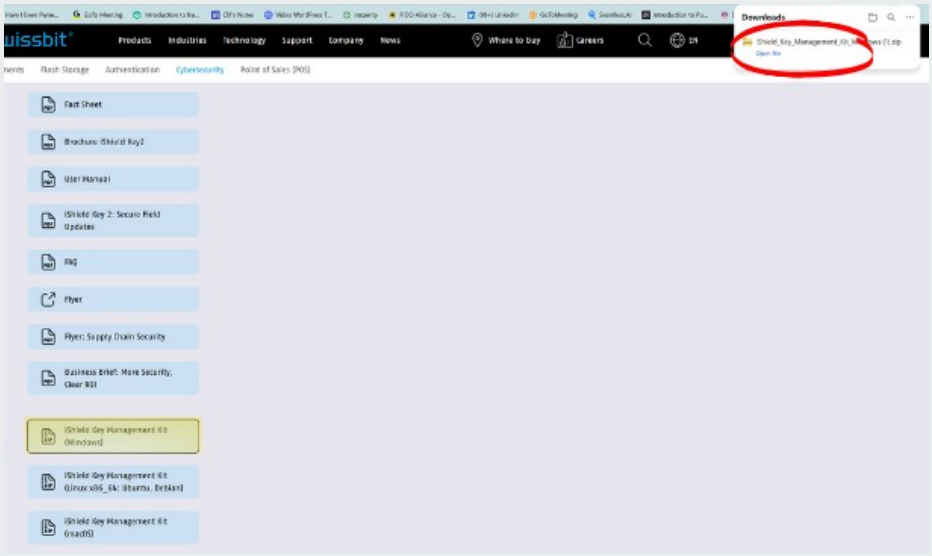
A3 DOWNLOAD SWISSBIT iSHIELD KEY MANAGEMENT KIT: PART 2

Select **iShield Key 2 (USB-C / NFC)** and **click** the **down arrow**.



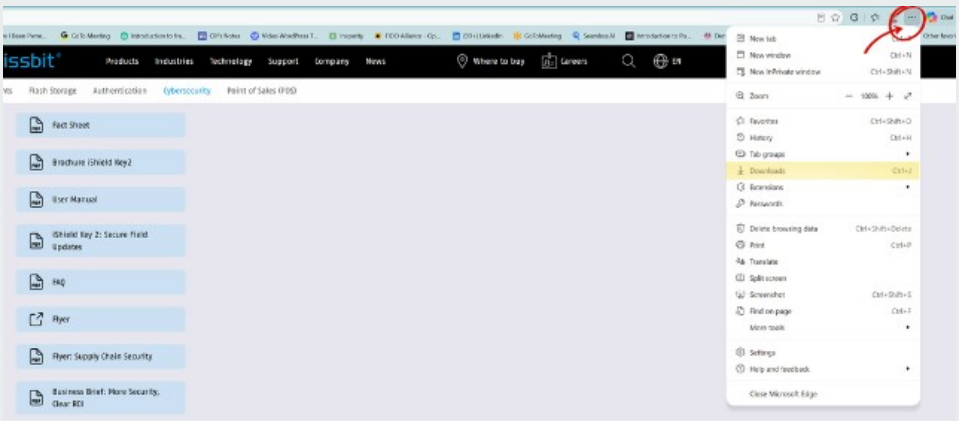
A4 DOWNLOAD SWISSBIT iSHIELD KEY MANAGEMENT KIT: PART

Download the **iShield Key Management Kit (Windows) zip file** by clicking the link. When Microsoft Edge displays a pop-up confirming the download, **click Open file.**



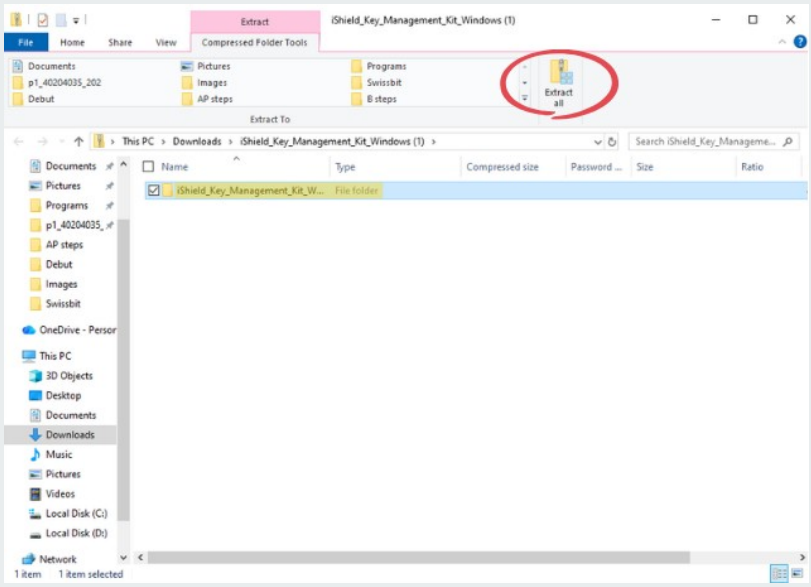
A5 NO POP-UP WINDOW? NO PROBLEM.

If the pop-up does not appear, or is inadvertently closed, access the downloaded file by clicking the **3-dot** menu on the right side of the MS Edge tool bar. Next, click on **Downloads** in the drop-down menu.



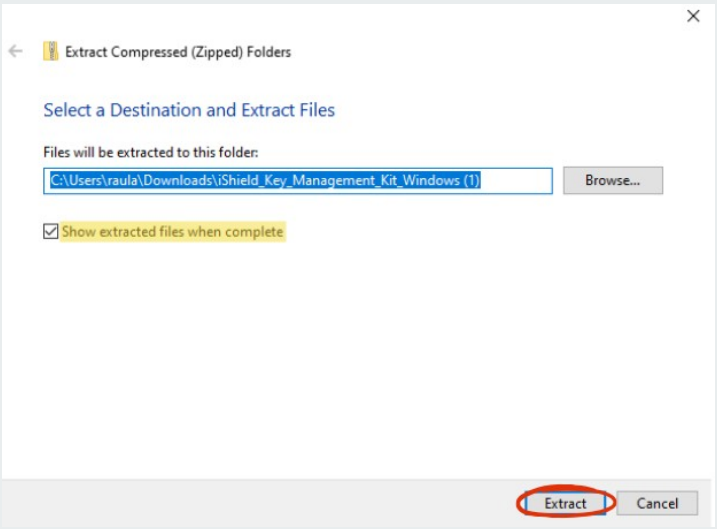
A6 CLICK EXTRACT ALL

After selecting Downloads, extract the Swissbit files from the ZIP folder. **Click Extract all**.



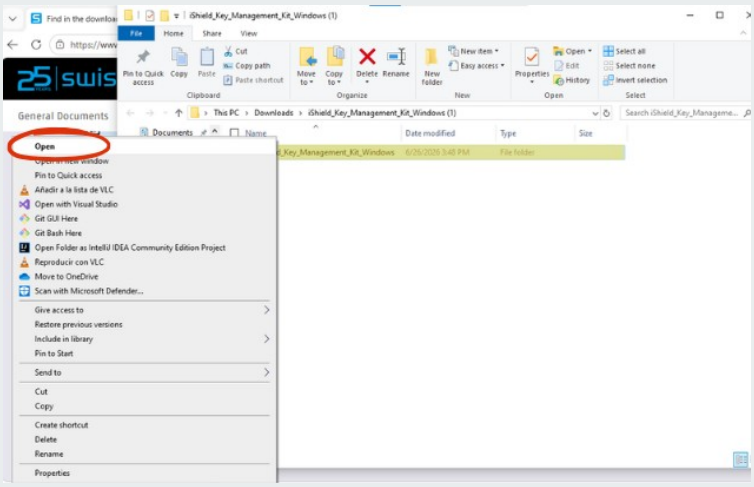
A7 SELECT DESTINATION FOLDER

After choosing the destination folder, ensure the 'Show extracted files when complete' option is selected. **Click Extract.**



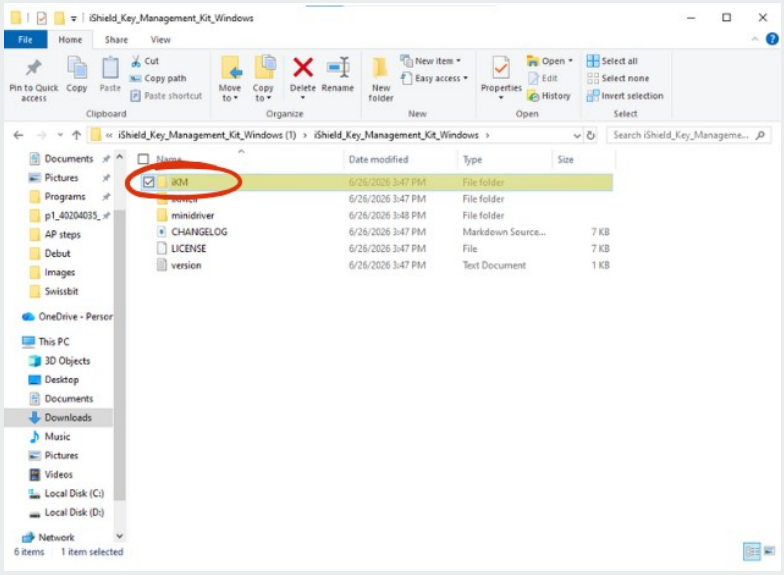
A8 OPEN FILE

Double-click or **Right-click** the file to open.



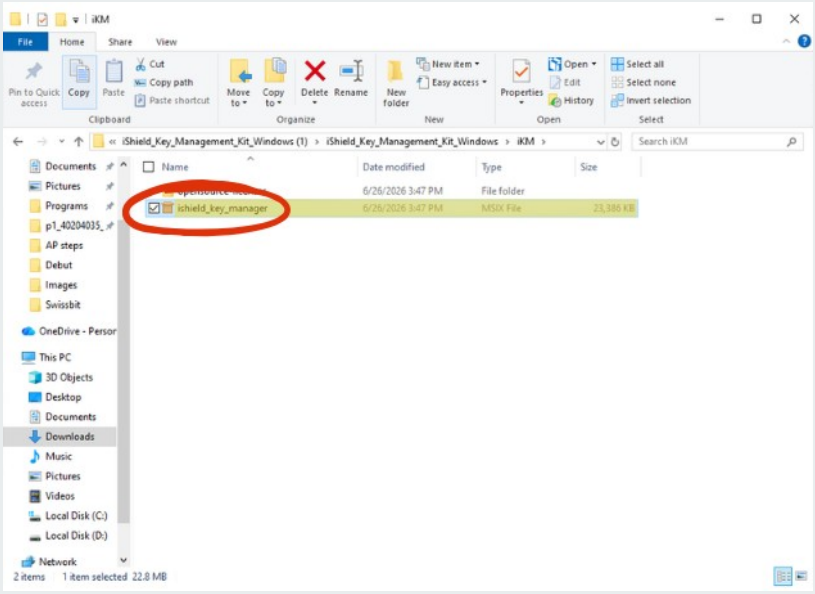
A9 OPEN THE iKM (iSHIELD KEY MANAGER) FOLDER

Next, open the iKM folder.



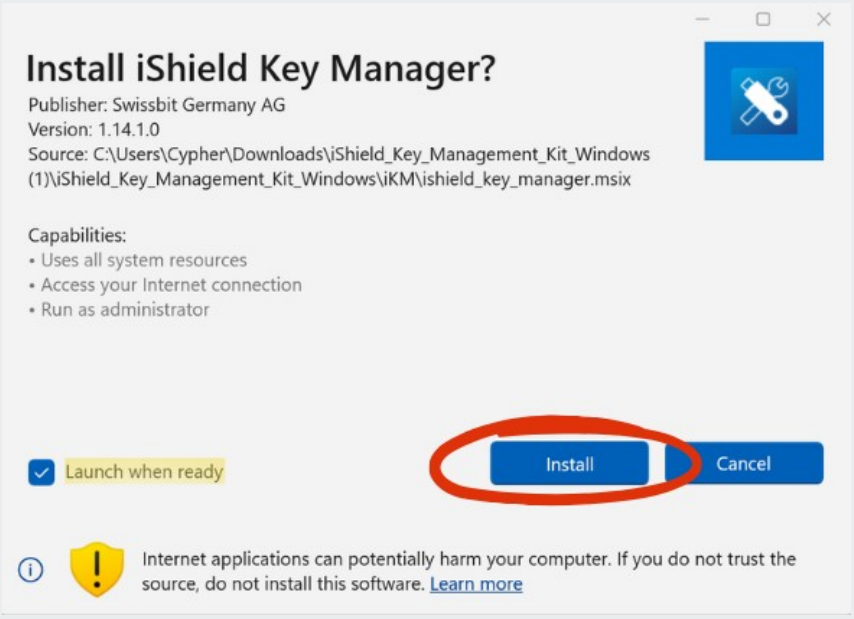
A10 OPEN iSHIELD_KEY_MANAGER.MSIX

Double-click or **right-click** the “ishield_key_manager.msix” file and follow the prompts.



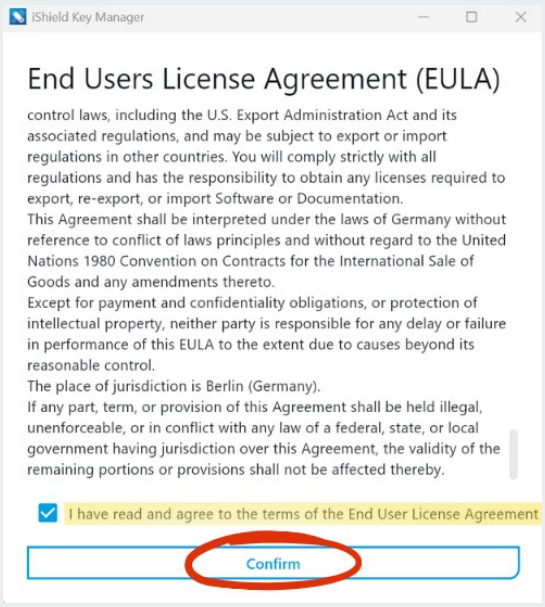
A11 CLICK INSTALL

Click Install.



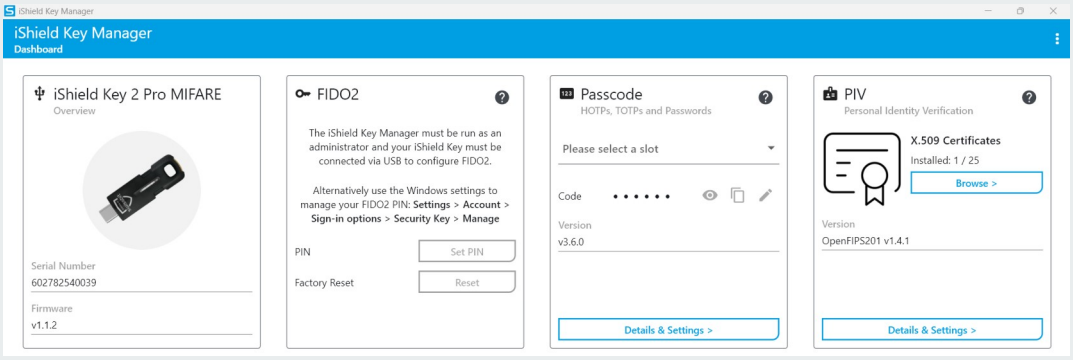
A12 END USERS LICENSE AGREEMENT

Scroll to the bottom of the window and check the box that states you have “read and understand” the terms. **Click Confirm.**



A13 iSHIELD KEY MANAGER

After clicking “confirm,” the iShield Key Manager will open automatically to the Dashboard. After reviewing, you may close the iShield Key Manager application.



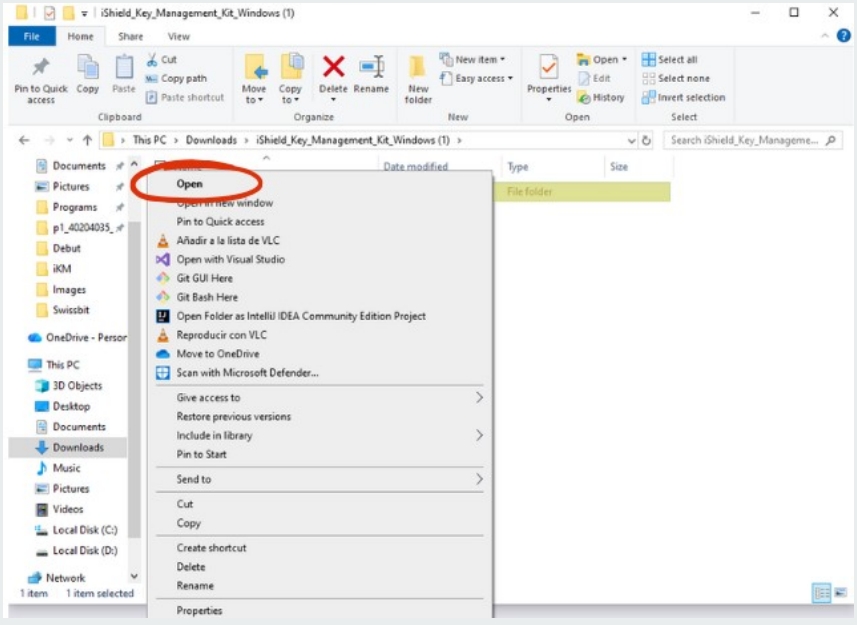
SECTION B

B1 INSTALLING THE SWISSBIT MINIDRIVER FOR WINDOWS 10

This software is essential for enabling the use of a Swissbit iShield2 Security Key on your computer. Before beginning the installation process, please review the process and ensure your computer meets all prerequisites.

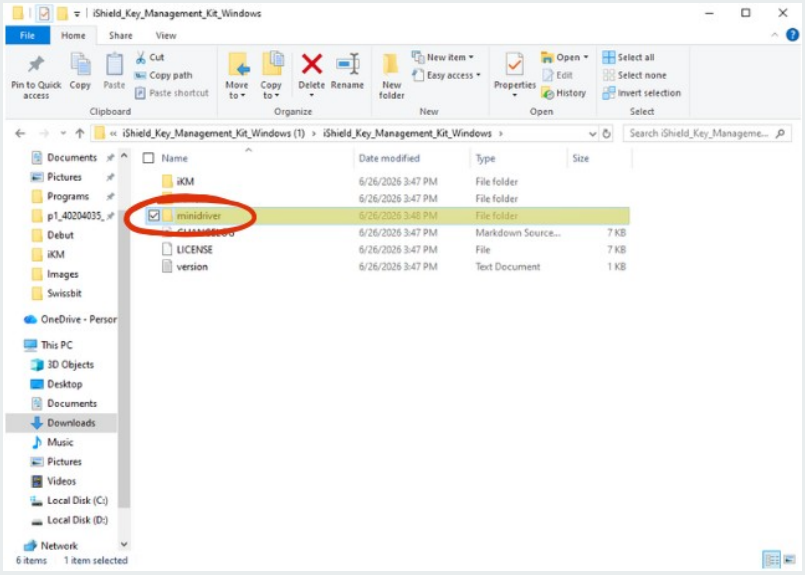
B2 OPEN THE iSHIELD FOLDER

Open **File Explorer** and navigate to your **Downloads** folder and locate the **iShield_Key_Management_Kit_Windows** folder.
Double-click the folder to open it; or **right-click** and select **Open** from the menu.



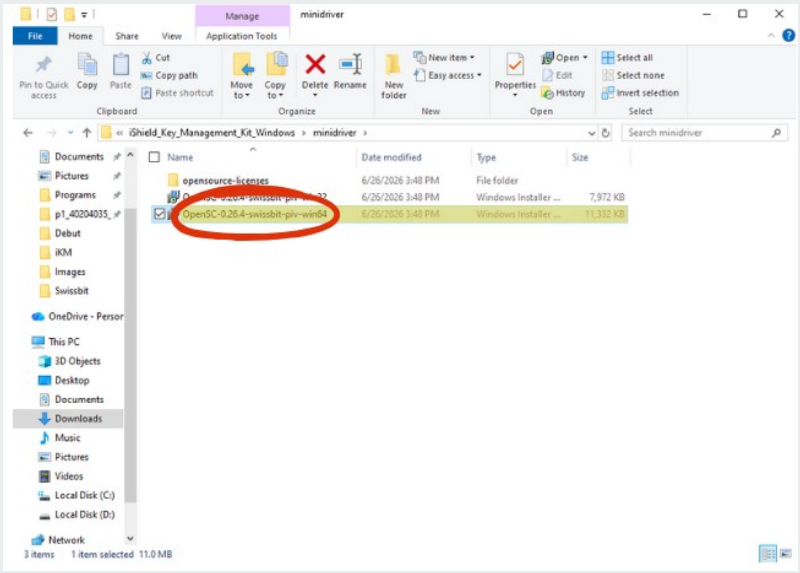
B3 OPEN THE MINIDRIVER FOLDER

Right-click or **Double-click** the minidriver folder.



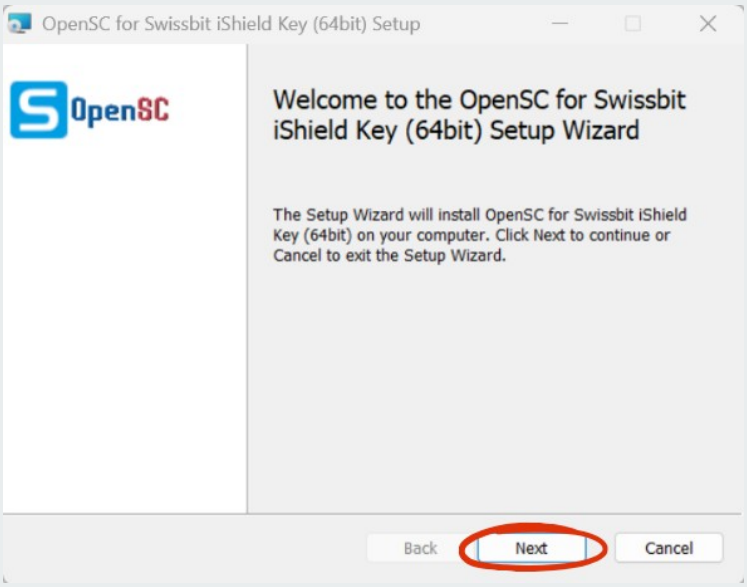
B4 INSTALL THE MINIDRIVER

Double-click the OpenSC “win64” minidriver. This will launch the iShield install wizard.



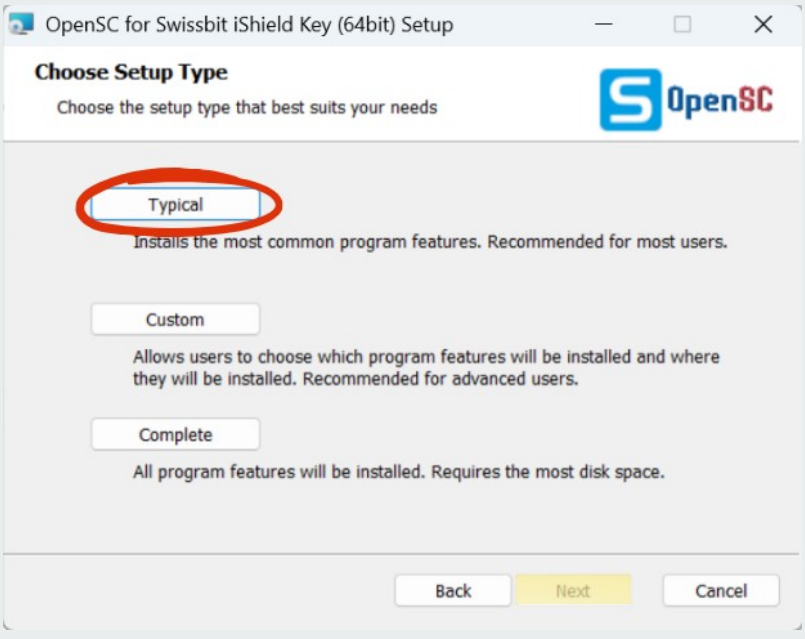
B5 iSHIELD KEY SETUP WIZARD

Follow the onscreen prompts. **Click Next.**



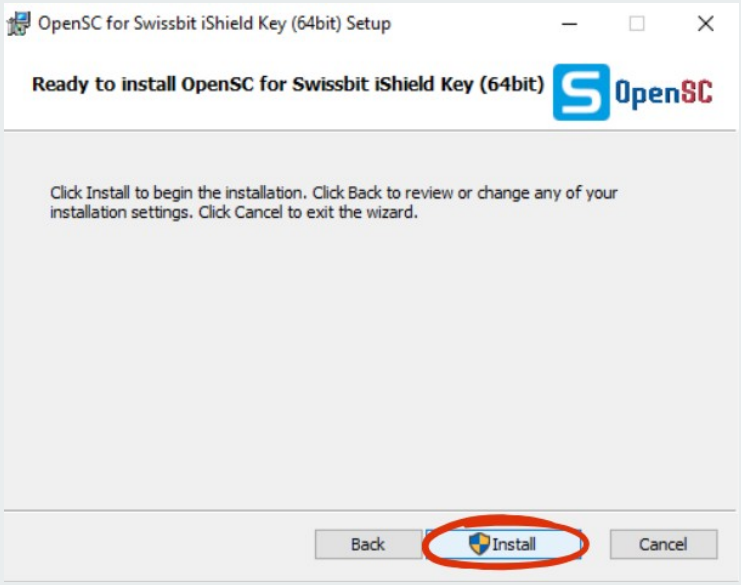
B6 SELECT SETUP TYPE

Select **Typical.**



B7 INSTALL MINIDRIVER

Click Install.

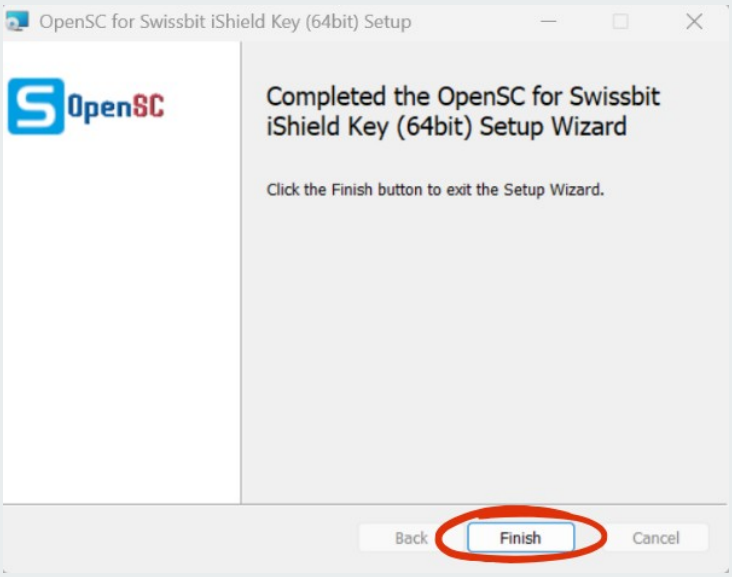


B8 PERMISSION TO MAKE CHANGES

The next pop-up message will ask permission to allow the application to make changes on your computer. **Click YES**.

B9 FINISH INSTALL

Click Finish. The Swissbit minidriver install is complete.



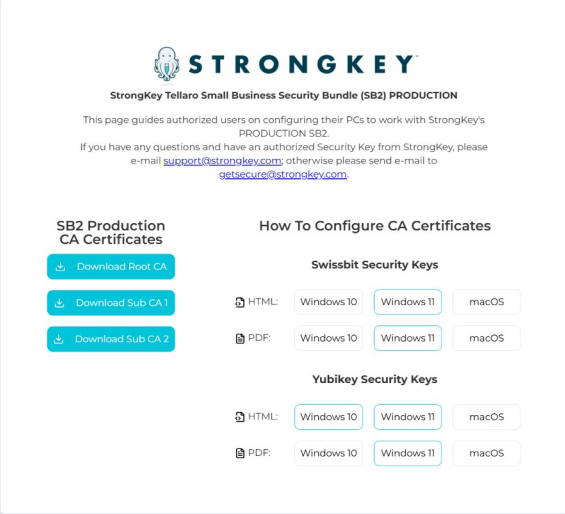
SECTION C

C1 IMPORTING SB2 ROOT CA & SB2 SUBORDINATE CA CERTIFICATES INTO THE TRUST STORE

When using Security Keys with digital certificates for authentication to an SB2 site, the SB2 Root Certificate Authority (CA) certificate of the site is a critical **component in establishing trust between your browser and the site. It ensures the digital certificate on your Security Key was issued by that SB2 site and is currently valid.**

C2 ACCESS THE SB2PROD PAGE

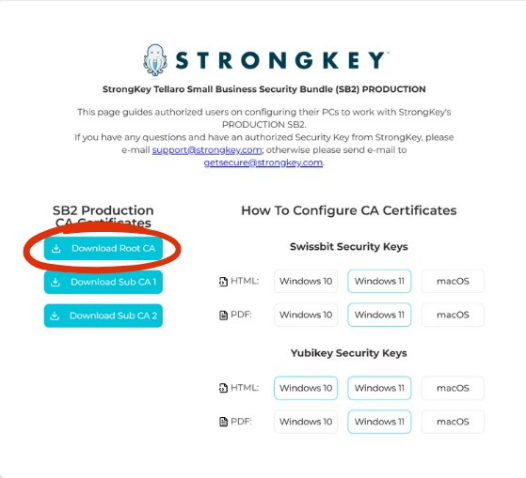
All required CA certificates are available for download from the SB2PROD page at https://www.strongkey.com/sb2pki.



C3 SB2 CA CERTIFICATES

Next, download the three SB2PROD CA certificates from the left side of the page.

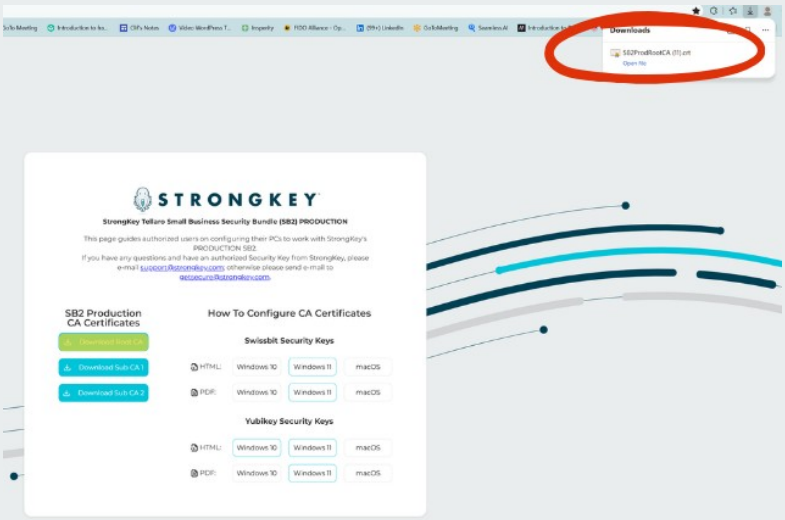
NOTE Download the certificates starting with the Root CA.



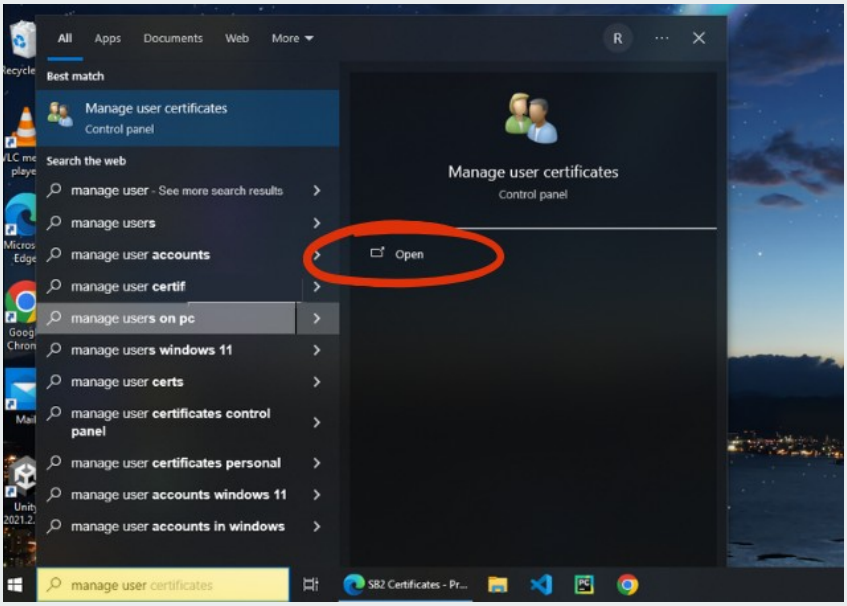
C4 DOWNLOADING THE SB2 ROOT CA

First, click the **Download Root CA button**. The download will begin automatically, and you'll see a dialog box confirming the file name once the process is complete.

REPEAT this process for the Sub CA 1 and Sub CA 2 certificates.



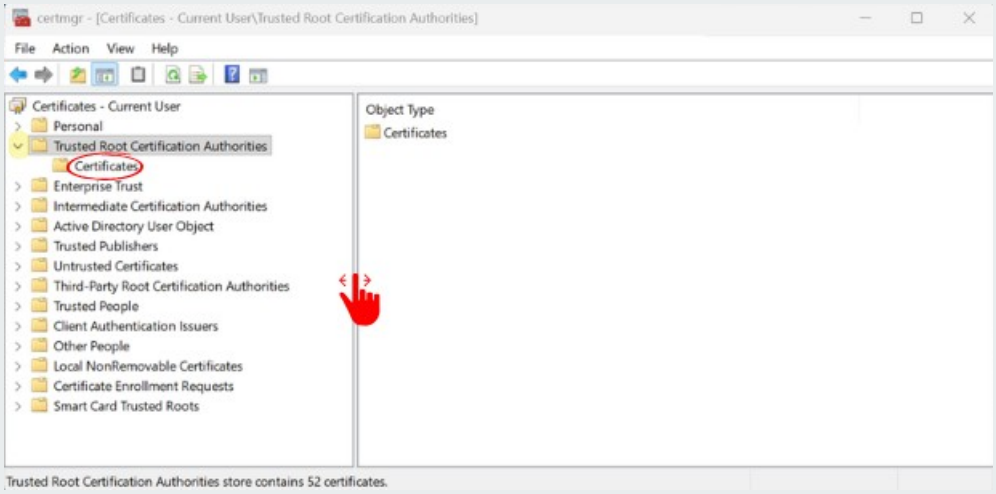
C5	NAVIGATE TO THE WINDOWS START ICON
After clicking the Windows Start icon, search for **Manage user certificates** to find the settings application for overseeing and configuring security certificates, including importing. Next, select the **Manage user certificates** application.	
NOTE	The **Manage user certificates** application is also known as **certmgr** (short for Certificate Manager). In this document, these terms are used interchangeably.



C6 OPEN TRUSTED ROOT CERTIFICATION AUTHORITIES FOLDER

To begin, expand the **certmgr** window by clicking and dragging the borders to a larger size. This will provide a better view of the digital certificates.

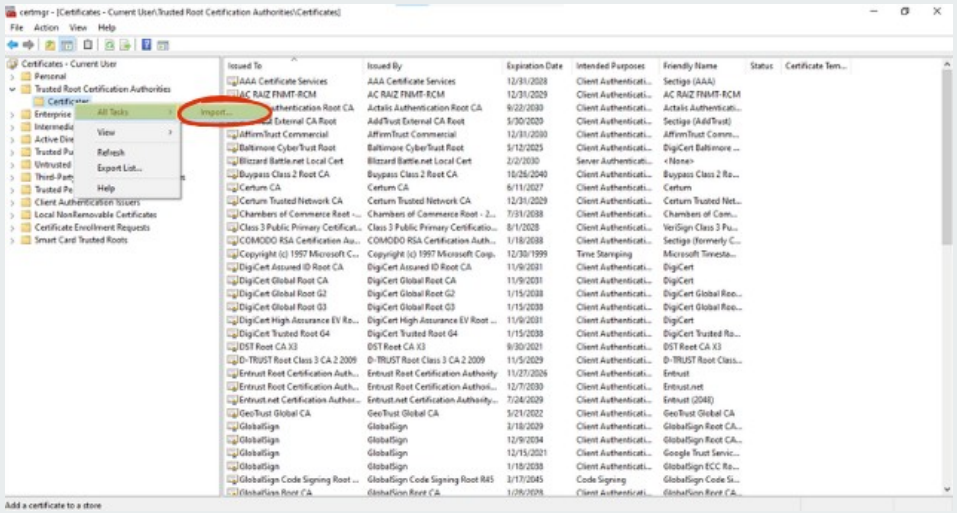
Next, click the **down arrow** next to the **Trusted Root Certification Authorities** folder to expand it, revealing the **Certificates** folder.



C7 INITIATE THE SB2 ROOT CERTIFICATE IMPORT

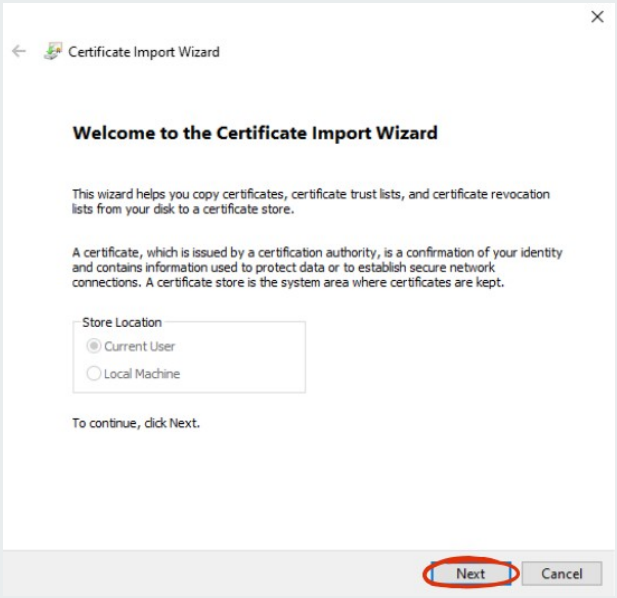
Right-click the **Certificates** folder to open the context menu.

Select **All Tasks**, and click **Import** to start the Certificate Import Wizard.



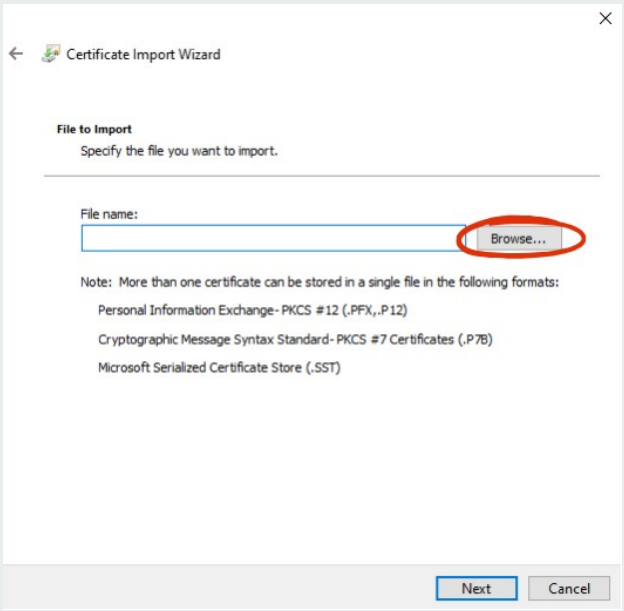
C8 CERTIFICATE IMPORT WIZARD

The Certificate Import Wizard will open. **Click Next** to proceed.



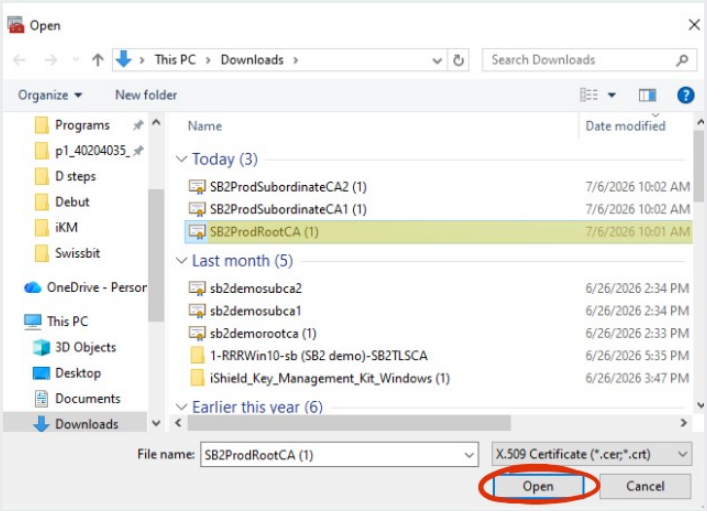
C9 LOCATE THE SB2 ROOT CA CERTIFICATE

Click the **Browse** button to locate the SB2 Root CA certificate file.



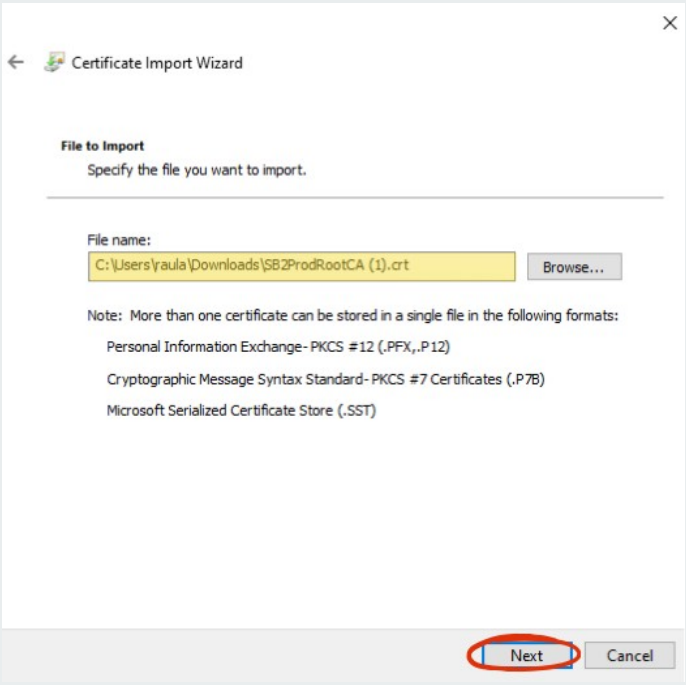
C10 OPEN THE SB2 ROOT CA CERTIFICATE

To find the SB2 Root CA Certificate, go to the **sb2prodrootCA.crt** file's location, which is typically the **Downloads** folder. Once the **sb2prodrootCA.crt** is located, select it and **click Open.**



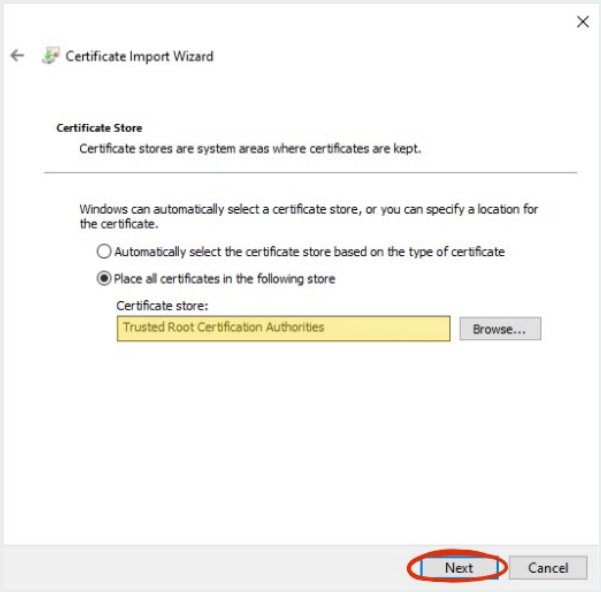
C11 VERIFY THE SB2 ROOT CA CERTIFICATE IS SELECTED

Verify the file being imported is the sb2prodRootCA then **click Next.**



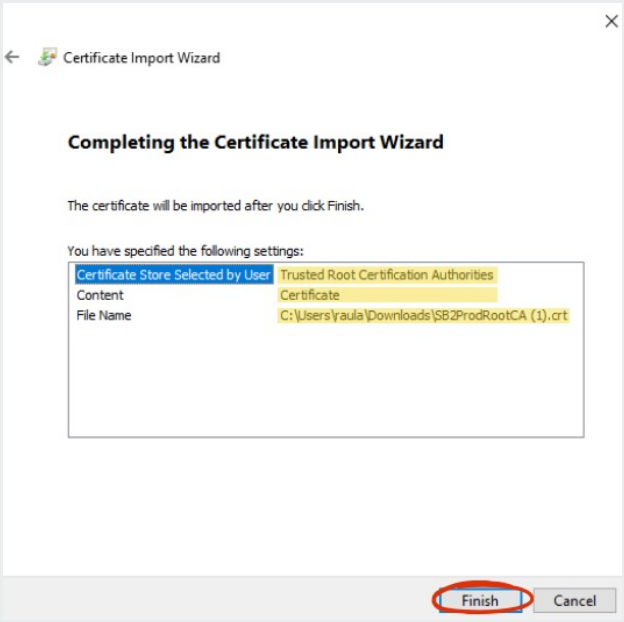
C12 SELECT CERTIFICATE STORE

Ensure the *Certificate Store* field indicates the digital certificate will be added to the **Trusted Root Certification Authorities** store before clicking **Next** to continue.



C13 FINISH IMPORTING THE SB2 ROOT CA CERTIFICATE

Review the certificate store name, certificate details, and file name in the next dialog box, then **click Finish** to complete the import process.



C14 SECURITY THUMBPRINT

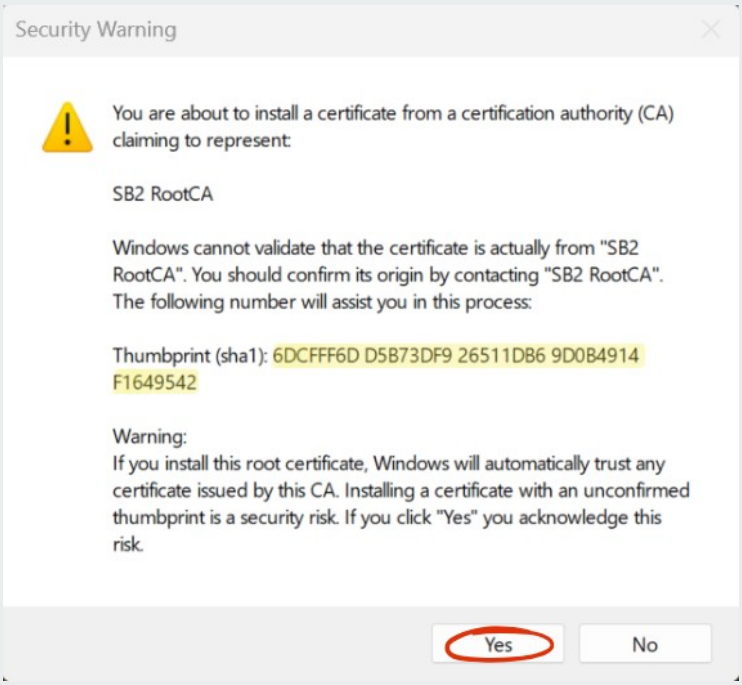
A security warning will be displayed regarding the Root CA Certificate. Make sure the name of the certificate and the Thumbprint (sha1) shown in the warning window match the content shown here:

SB2 RootCA
6DCFFF6D D5B73DF9 26511DB6 9D0B4914 F1649542

If it matches *identically*, **click Yes.**

NOTE

If the Thumbprint of the CA certificate does not match, contact the Administrator of the SB2 site. This step represents the most important step in establishing trust in the SB2 platform.

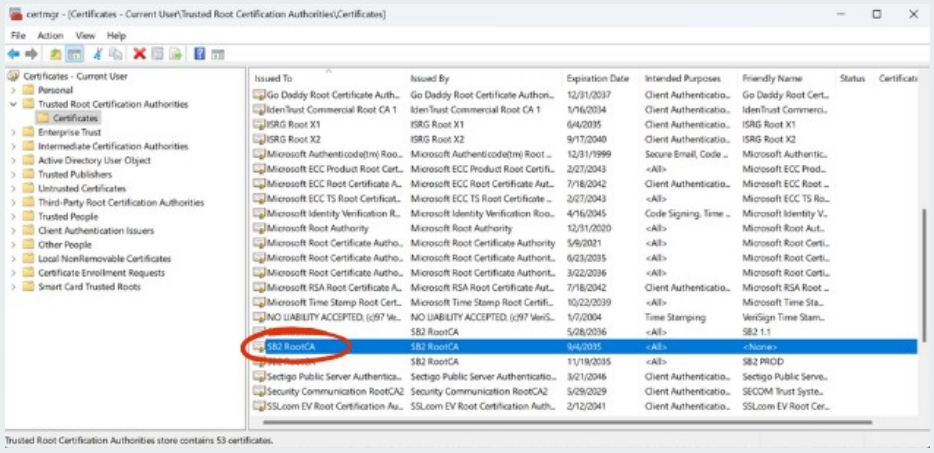


C15 A SUCCESSFUL IMPORT

Once the SB2 Root CA Certificate is imported successfully, a confirmation message will appear. **Click OK** to continue.

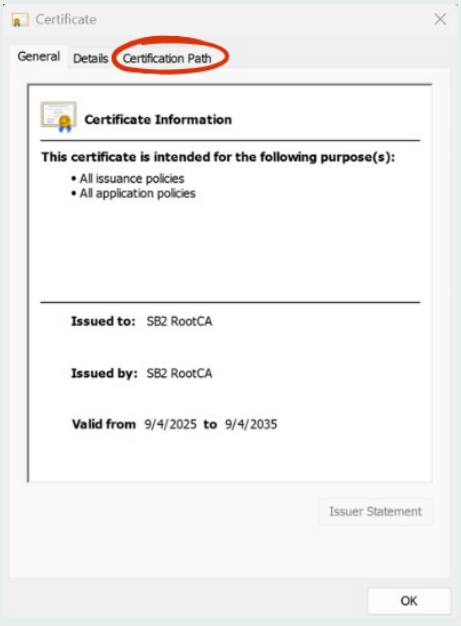
C16 VERIFY SB2 ROOT CA IN CERTIFICATES LIST

If you scroll down the list of CA certificates on the right-hand side of this window's panel, you will see the **SB2 RootCA** certificate in the list.



C17 VERIFY SB2 ROOT CA: PART 1

By double-clicking the **SB2 Root CA** certificate – or **right-clicking** the mouse button and selecting Open, you should see the following window. **Click** the **Certification Path**.

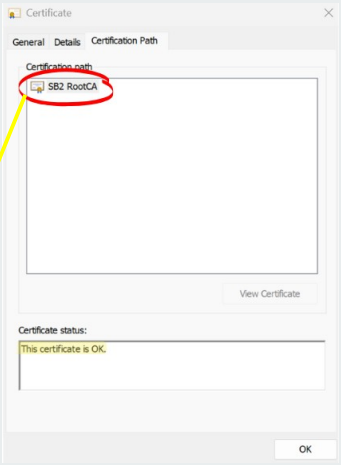


C18 VERIFY SB2 ROOT CA: PART 2

In the **Certification Path** tab of the **SB2 Root CA** certificate, you should be able to confirm these two important attributes of the certificate:

- That the certificate symbol in the **Certification Path** sub-panel at the top does not have any yellow warning symbol associated with it, and
- The **Certificate status** sub-panel at the bottom should state that "This certificate is OK."

Ensure this icon, adjacent to the certificate name, represents a valid certificate.

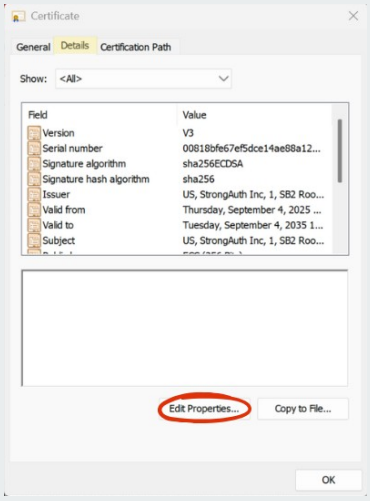


C19 ADDING A FRIENDLY NAME: PART 1

Friendly names make identifying RootCAs easier in the certificates list. Follow these steps to create a ***Friendly name*** for the SB2 Root CA:

a) Choose the Details tab.

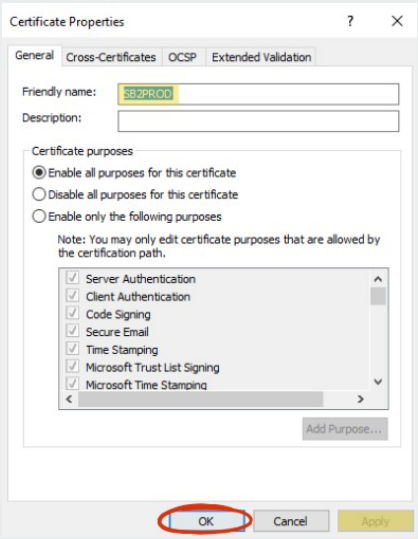
b) Click Edit Properties.



C20 ADDING A FRIENDLY NAME: PART 2

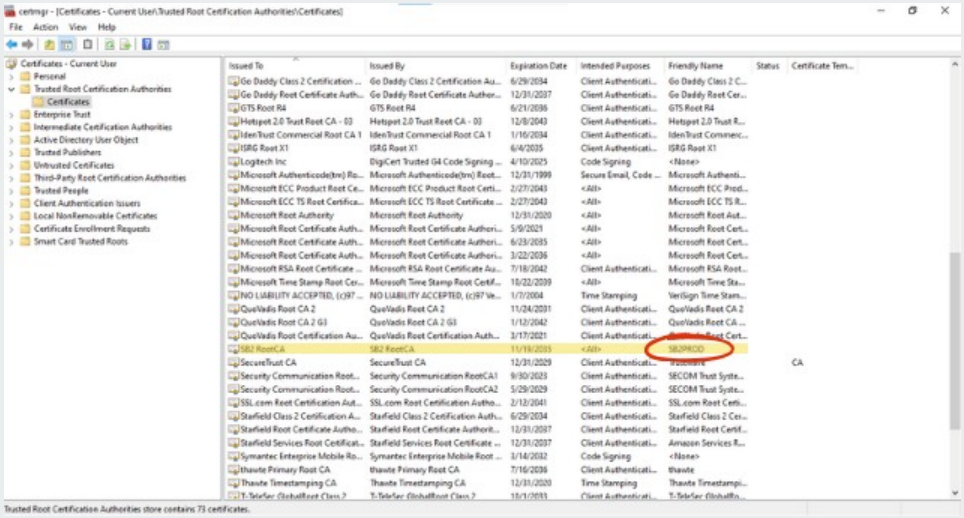
c) Add name in **Friendly name** field.

d) **Click Apply** then **click OK** to finish.



C21 VERIFY THE FRIENDLY NAME

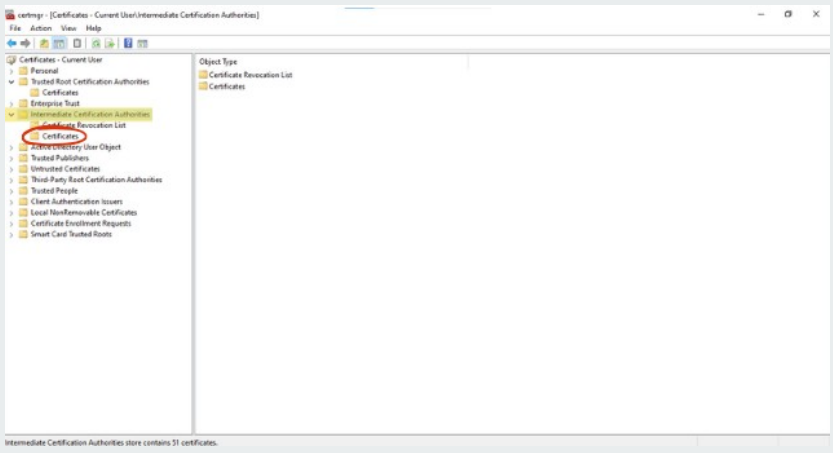
Close the Certificate information window. The Friendly name field should now display SB2PROD.



C22 INTERMEDIATE CERTIFICATION AUTHORITIES FOLDER

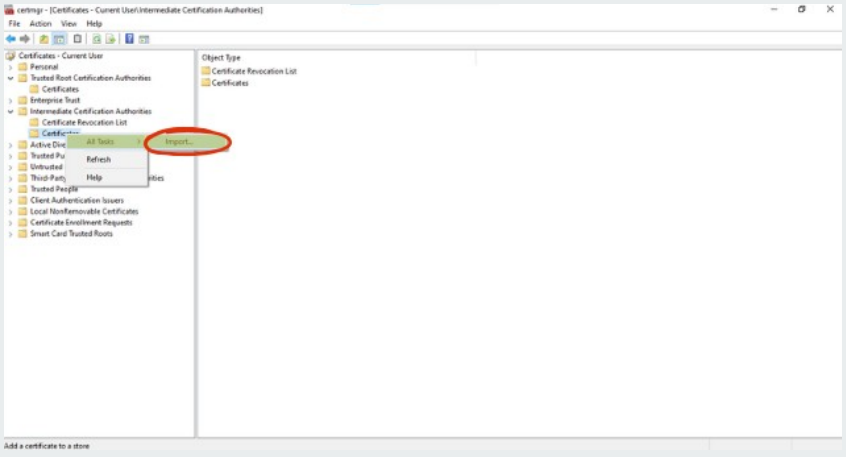
Just as you imported the SB2PROD Root CA certificate, you will now import the two SB2PROD Subordinate CA (aka SubCA) certificates. The SubCA certificates play a vital role in establishing the “certificate chain of trust" between the digital certificate on your Security Key and the SB2 site.

Return to the **certmgr** application. Next, click the **arrow** next to the **Intermediate Certification Authorities** folder to expand it, revealing the **Certificates** folder.



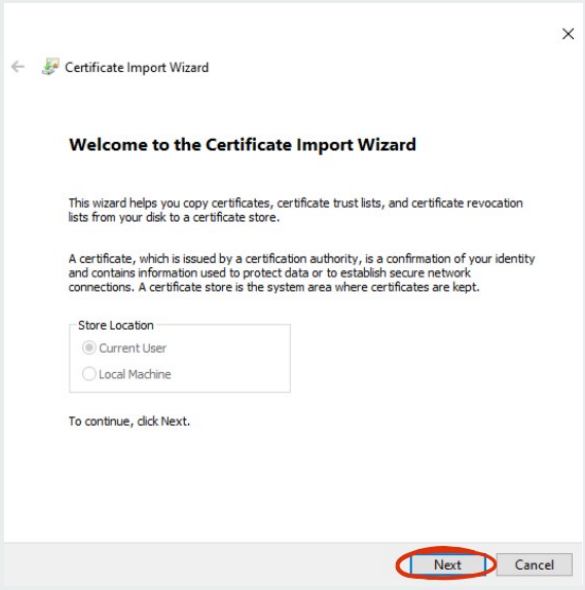
C23 INITIATING SUBORDINATE CA CERTIFICATE IMPORT

To begin, right-click the **Certificates** folder to open the context menu. From there, select **All Tasks**, and then **click Import** to start the **Certificate Import Wizard.**



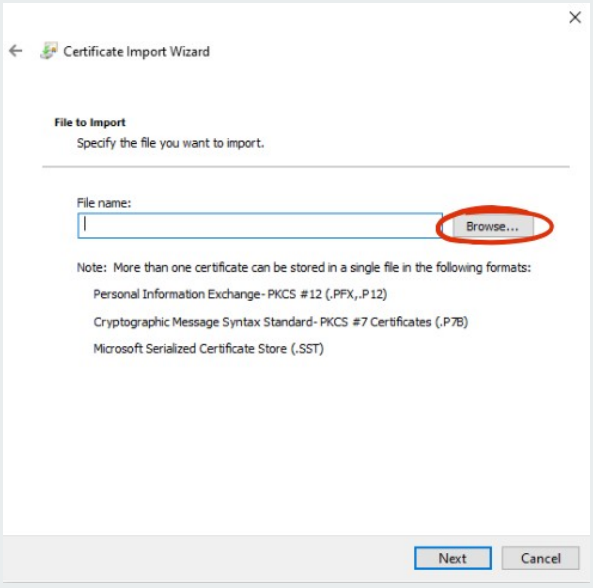
C24 CERTIFICATE IMPORT WIZARD

The Certificate Import Wizard will open. **Click Next** to proceed.



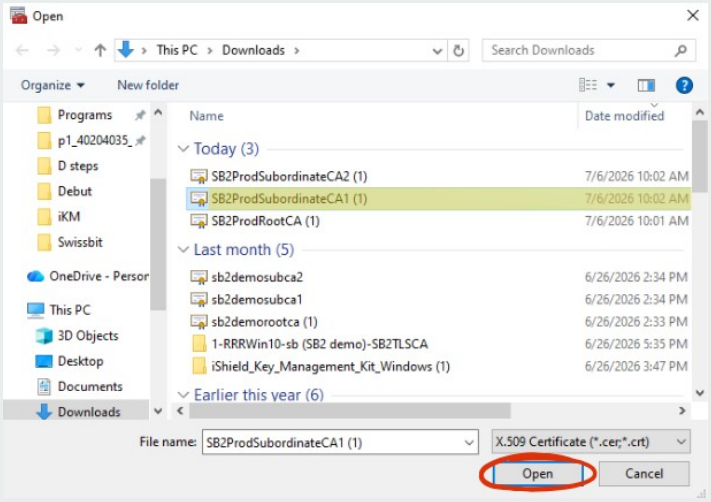
C25 LOCATE THE SUBORDINATE SB2 CA 1 CERTIFICATE

Click the **"Browse"** button to navigate to and select the Subordinate CA certificate file.



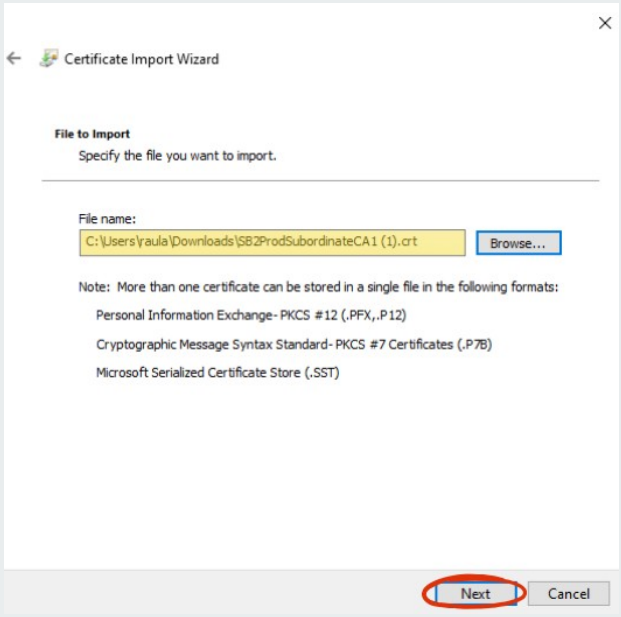
C26 OPEN THE SUBORDINATE SB2PROD CA 1 CERTIFICATE

To find the **sb2prodSubCA1.crt** certificate file, go to the file's location, which is typically the Downloads folder. Once the sb2prodSubCA1.crt file is located, select it and **click Open**.



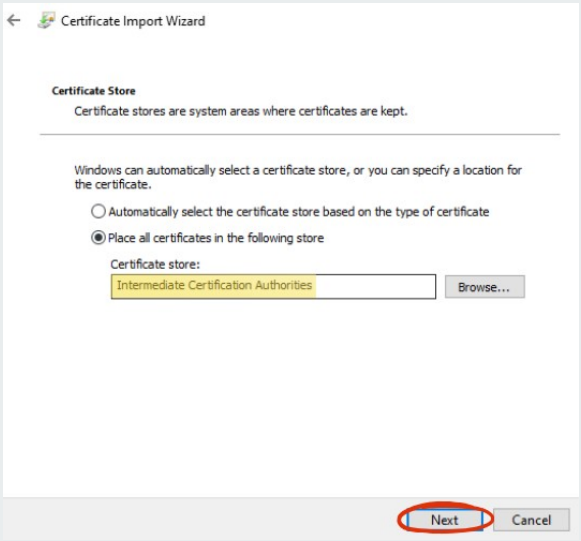
C27 CERTIFICATE VERIFICATION

Verify the correct SB2 Subordinate CA Certificate file has been selected. The name of the file will automatically populate the File name field upon selection. **Click Next** to continue.



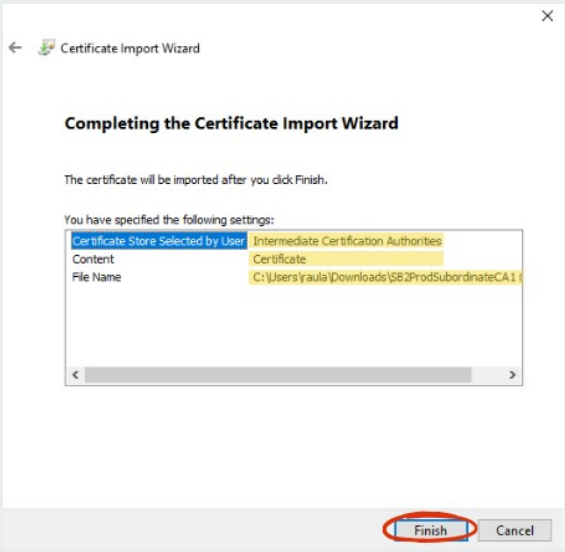
C28 SELECTING CERTIFICATE STORE

Choose “Place all certificates in the following store” and ensure the certificate is added to the **Intermediate Certification Authorities** certificate store. **Click Next** to continue.



C29 FINISH IMPORTING THE CERTIFICATE

Review the certificate store name, certificate details, and file name in the next dialog box, then **click Finish** to complete the import process.

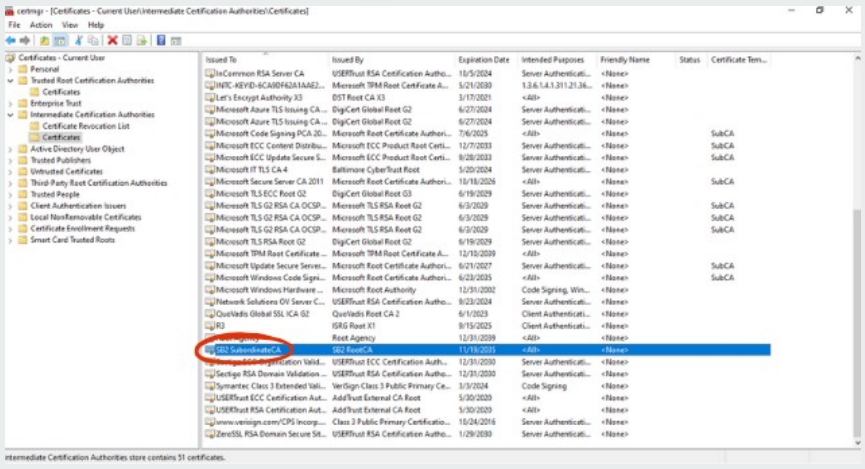


C30 A SUCCESSFUL IMPORT

Once the SB2 Subordinate CA 1 certificate is imported successfully, a confirmation message will appear. **Click OK** to continue.

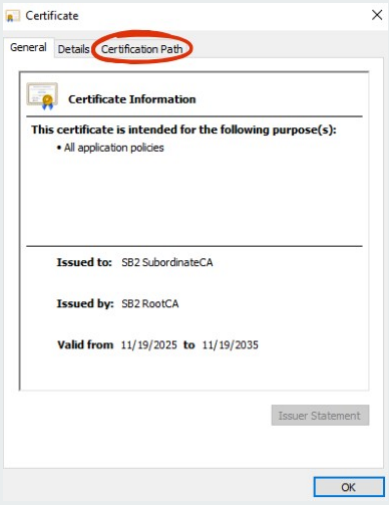
C31 VERIFY SB2 SUBORDINATE CA 1 IS IN CERTIFICATES LISTS

Once the SB2 Subordinate CA 1 certificate is successfully imported, it will appear in the Intermediate Certification Authorities list.



C32 VERIFY SB2 SUBORDINATE CA 1 – PART 1

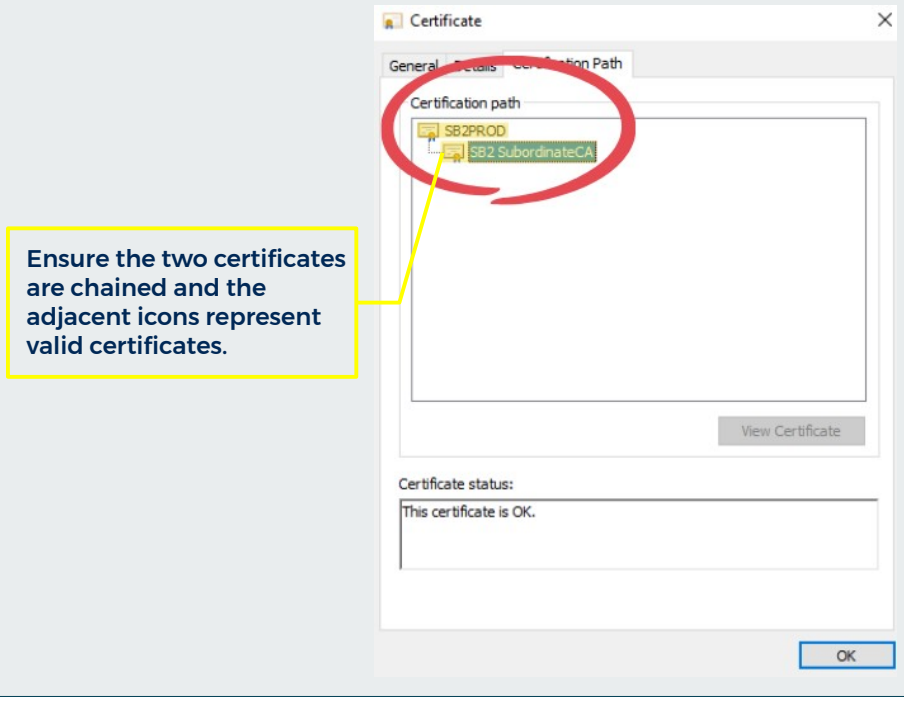
By double-clicking the **SB2 Subordinate CA** certificate – or **right-clicking** the mouse button and selecting **Open**, you should see the following window. **Click** the **Certification Path** tab.



C33 VERIFY SB2 SUBORDINATE CA 1 – PART 2

In the **Certification Path tab** of the **SB2 Subordinate CA** certificate, you should be able to confirm these two important attributes of the certificate:

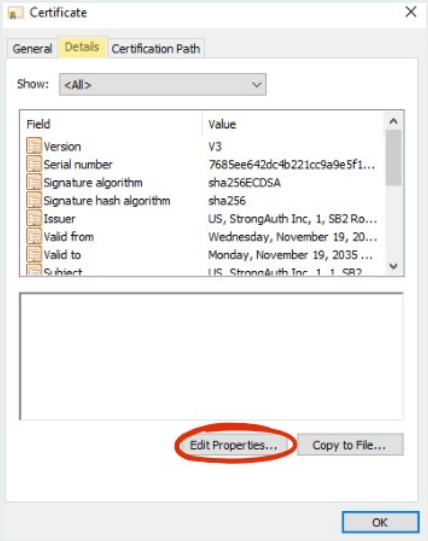
- That the certificate symbols of the two certificates chained together n the **Certification Path** sub-panel at the top, do not have any yellow warning symbols associated with them, and
- The **Certificate status** sub-panel at the bottom should state that **"This certificate is OK."**



C34 ADDING A FRIENDLY NAME: PART 1

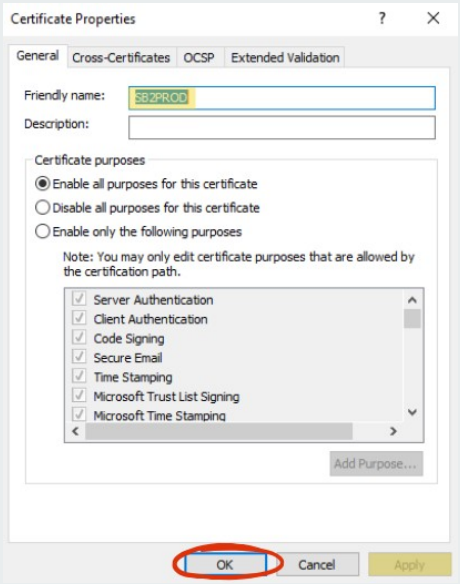
Friendly names make identifying **SubordinateCAs** easier in the certificates list.
Follow these steps to create a *Friendly name* for the SB2 Subordinate CA 1:

a) Choose the Details tab.
b) Click Edit Properties.



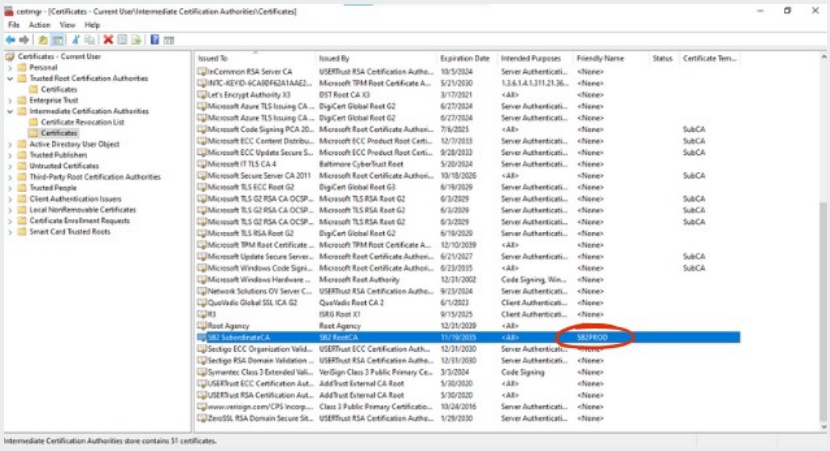
C35 ADDING A FRIENDLY NAME: PART 2

c) Add name in **Friendly name** field.
d) **Click Apply** then **click OK** to finish.



C36 VERIFY THE FRIENDLY NAME

Close the Certificate information window. The **Friendly name** field should now display SB2 PROD.



C37 IMPORT THE SB2 SUBORDINATE CA 2 CERTIFICATE

Import the SB2 Subordinate CA 2 certificate by repeating steps C22 – C36.
Remember to verify the Sub CA 2 certificate is selected during the process.

C38 RESTART THE COMPUTER

It is important to follow these exact steps to restart your computer:

a) **Save** all open work and close all active applications to prevent data loss.
b) **Leave** your Security Key (issued by the SB2 site) plugged into the USB port;
c) **Restart** your computer.

C39 VERIFY YOUR PERSONAL CERTIFICATE – PART 1

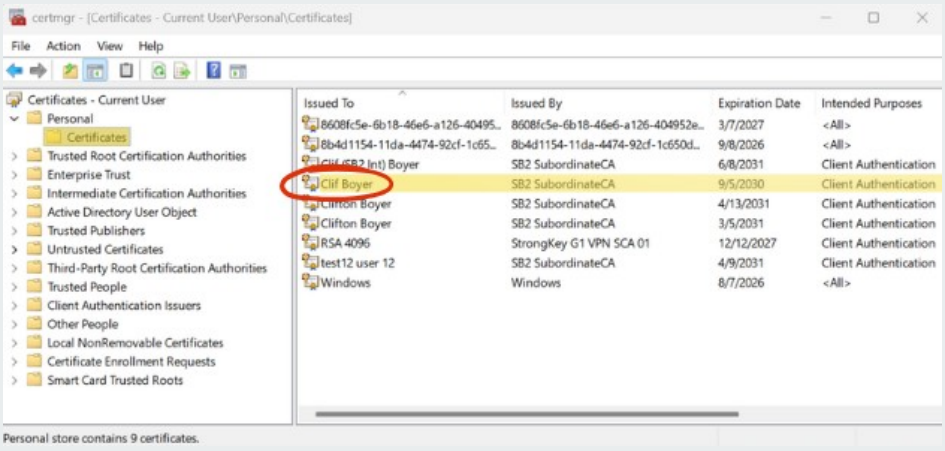
Follow these steps to open a Personal Certificate:

a) **Open certmgr** and navigate to the **Personal folder**.

b) **Click the arrow** next to the folder to expand it and reveal the Certificates subfolder.

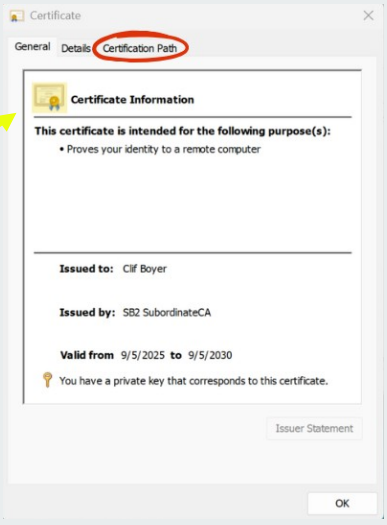
c) Select an SB2 Subordinate CA certificate.

d) **Double-click** the certificate to open it.



C40 VERIFY YOUR PERSONAL CERTIFICATE – PART 2

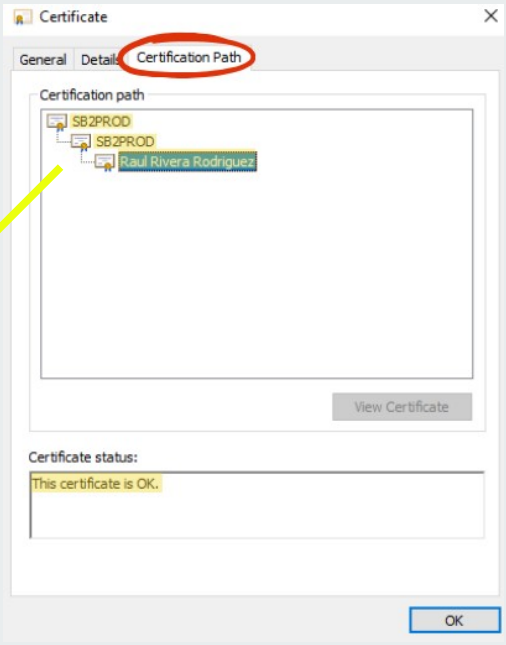
Verify that a **certificate icon** appears next to the **Certificate Information** heading, then click the **Certification Path** tab.



Ensure this icon, adjacent to the certificate name, represents a valid certificate.

C41 VERIFY YOUR PERSONAL CERTIFICATE – PART 3

Verify that a **chain-of-trust** has been established, ending with your **named certificate**. Confirm that the **Certificate status** displays: **The Certificate is OK.**



Ensure the three certificates are chained and the adjacent icons represent valid certificates.

SECTION D

D1 ACCESSING AN SB2PROD INVITATION LINK

This section will review the steps of accessing the invitation link you received to register a FIDO credential with your Swissbit iShield Key 2 Pro Security Key with the SB2PROD site.

You must have the Swissbit iShield Key 2 Pro Security Key – **with Security Key PIN** and the SB2PROD Invitation URL that was sent to you for the FIDO registration process.

D2 PLUG IN THE SWISSBIT iSHIELD KEY 2 PRO SECURITY KEY

Plug the **Security Key** into the USB-C port (or the USB-C to USB-A adapter)

D3 IDENTIFYING THE USB-C PORT

Locate the USB-C port—typically found along the edge of the computer, it features a compact design with smooth, rounded corners that set it apart from traditional USB-A ports.

The image below shows both a USB-C port and its matching male connector.

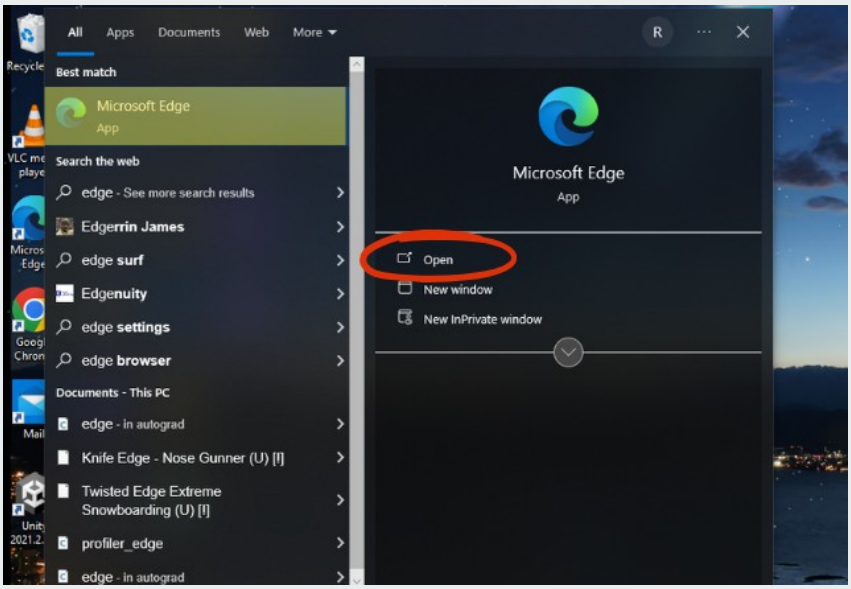
D4 NO USB-C PORT? NO PROBLEM.

With the USB-A to USB-C adapter provided by the Administrator of your SB2 site, simply plug the USB-A end into the computer and insert the Security Key into the USB-C port.

The provided USB adapter pictured below.

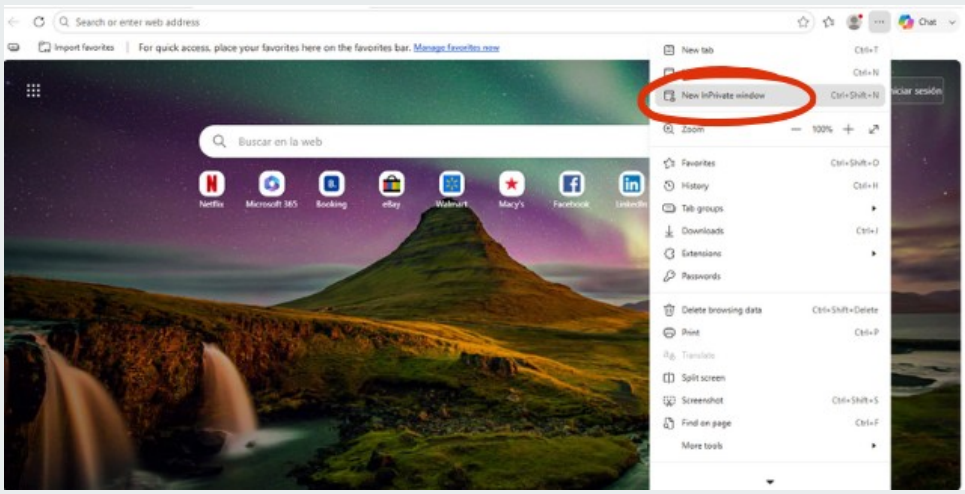
D5 OPEN THE EDGE BROWSER

Open the Edge browser.



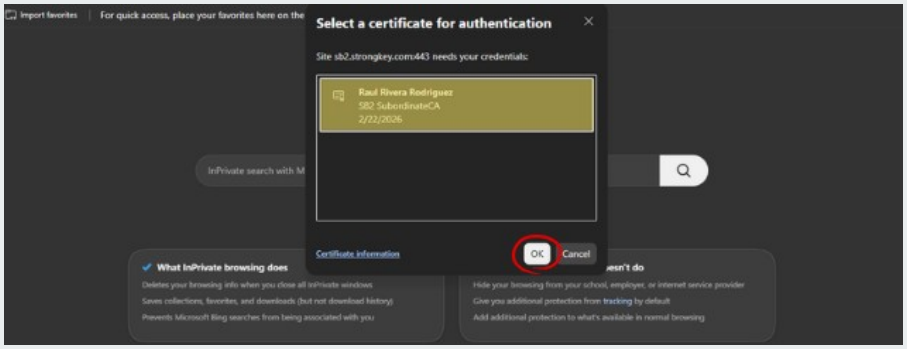
D6 FIND THE EDGE BROWSER DROP DOWN MENU

Click the three-dot icon in the upper-right corner. Then, select New InPrivate window from the drop-down menu. Always use Edge InPrivate mode to access the SB2PROD platform URL https://sb2.strongkey.com.



D7	SB2PROD PLATFORM URL
In the InPrivate browser address bar, enter the provided SB2PROD platform invitation link. You will receive the link in an email from a member of the StrongKey Team.	
NOTE	The SB2PROD registration invite URL is long so it will be advantageous to use the “cut and paste” options. Here is an example of what the URL will look like: **https://sb2.strongkey.com/sb2/register?hash=7db88e3055d49b105fca14f2f18a7059d52ef02a9c93cc13a85fd701a1143c1a**

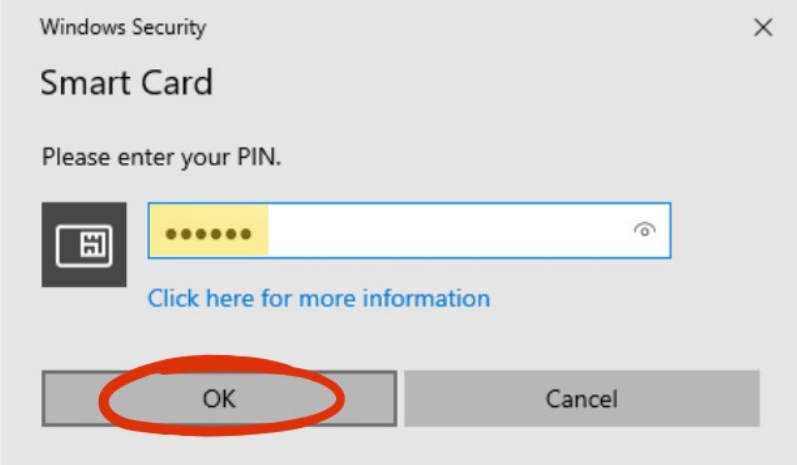
D8	SELECT THE CERTIFICATE
A pop-up window will display the available certificates. The name in the prompt should match your name, as created by the Administrator of the SB2PROD site. Select the presented certificate and **click OK** to proceed.	
NOTE	You will only see a certificate prompt if the **SB2 Root CA** and **SB2 Subordinate CA** certificates were imported correctly on your computer. If you do **NOT** see a certificate prompt, please contact support@strongkey.com for help.



D9	ENTER SECURITY KEY PIN

The next dialog box will prompt for the Swissbit iShield Key 2 Pro's PIN. Enter and click OK to continue. This PIN should have been provided to you by the Administrator of the SB2 site.

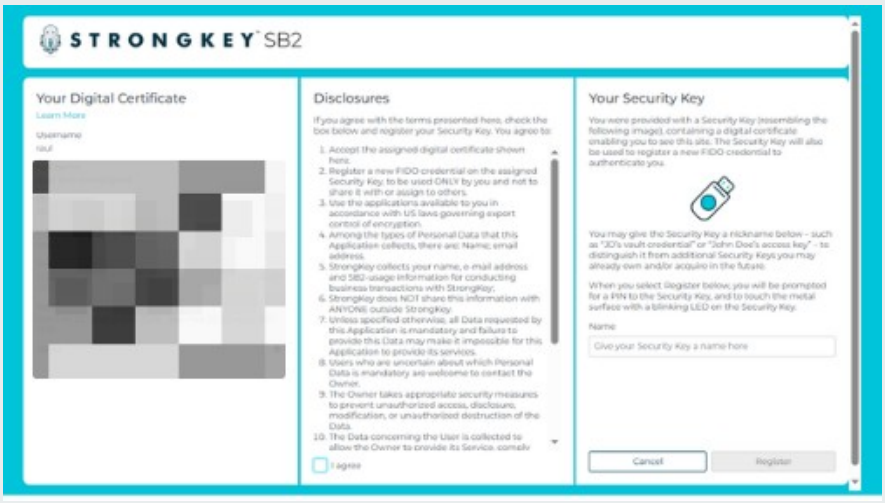
For instructions on changing the PIN, refer to the Appendix of this guide.



D10 SB2 PLATFORM LANDING PAGE

Upon successful authentication with the digital certificate, the following one time **SB2 Landing Page** will be displayed. This page has three (3) sections:

- On the left-hand side, some details of your digital certificate will be displayed (Critical details have been redacted to protect privacy.).
- Legal disclosures for the SB2 platform are located in the middle section. You must agree to the terms disclosed before continuing with this process.
- Use the right-hand panel to nickname your Security Key. This makes it easier to identify each key if using more than one.



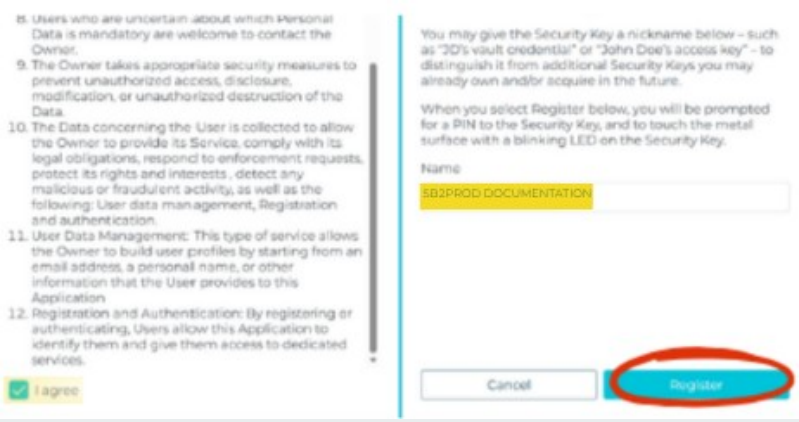
D11 TERMS & CONDITIONS

Review and accept the terms and conditions in the **Disclosures** panel. The **"I agree"** box must be checked before proceeding with Security Key registration.

D12 GIVE SECURITY KEY NICKNAME

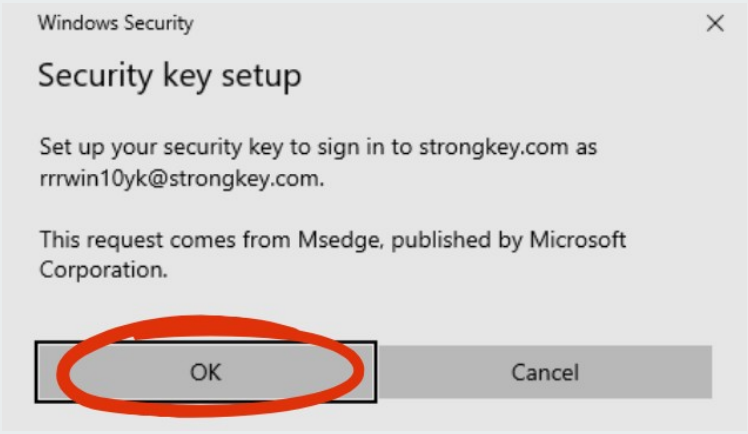
In the Security Key panel on the right, enter a descriptive nickname for the key in the "Name" field. Then select **Register** to complete the process. Names are typically short (up to 16-20 alpha-numeric characters), such as:

- John's YubiKey 5C Security Key for sb2.strongkey.com
- YubiKey for sb2.strongkey.com



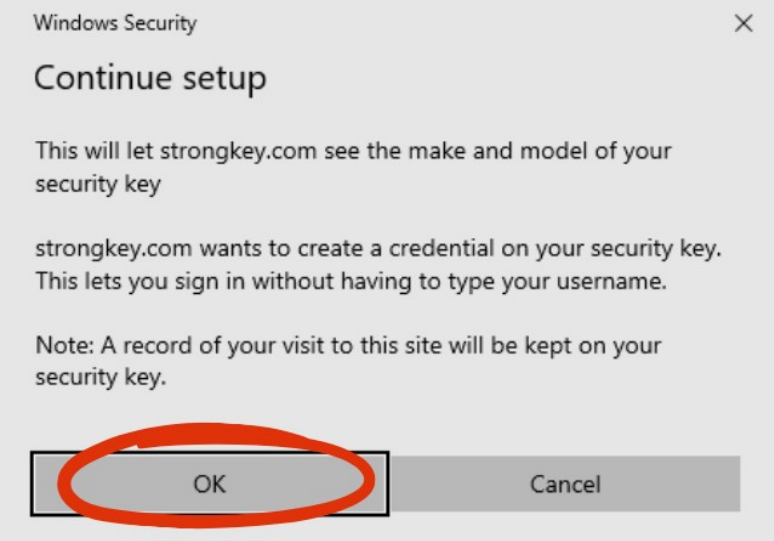
D13 SECURITY KEY SETUP

Click OK.



D14 CONTINUE SETUP

Click OK.

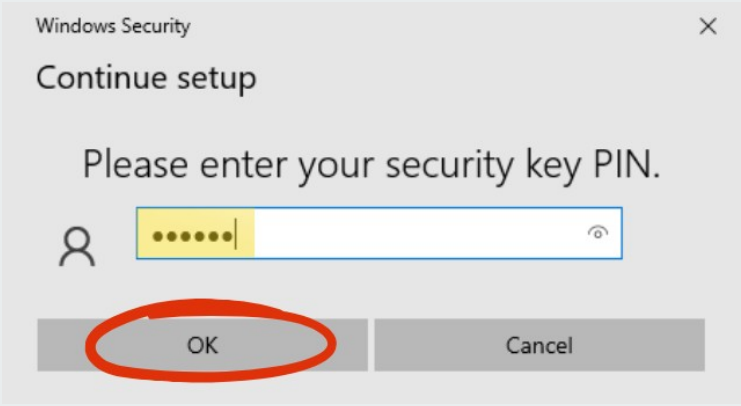


D15 ENTER SECURITY KEY PIN

To continue adding a credential to the **Security Key**, enter the PIN and **click OK.**

NOTE

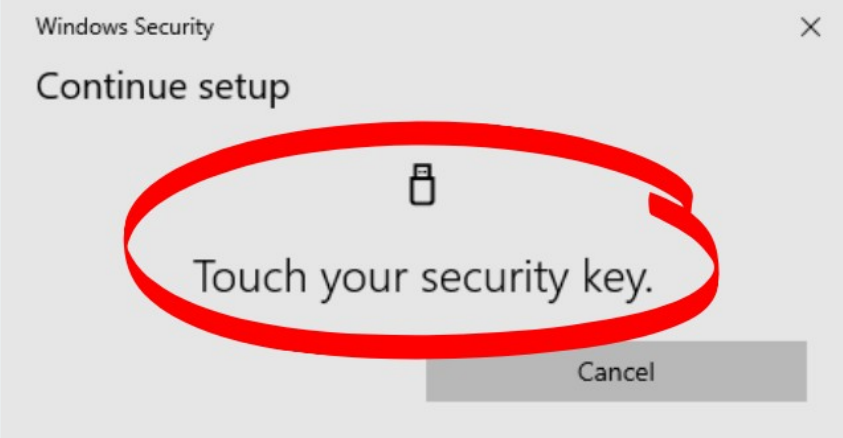
This step is called **User Verification** (UV) in the FIDO ecosystem. It confirms that the SB2PROD platform is interacting with the legitimate Security Key owner by verifying your PIN, which should never be shared. Each time you use your FIDO credential to sign in, you'll complete this UV step as a required security measure.



D16	TOUCH THE SECURITY KEY

To continue adding the credential, touch the metal contact on the end of the **Security Key** with your finger.

NOTE	This step is called the “Test of User Presence” (TUP) in the FIDO ecosystem. It ensures that no remote attacker can impersonate you, because they would need both your Security Key and your physical interaction at your computer. Each time you use your FIDO credential to sign in to the SB2 platform, you’ll complete this brief TUP check as a security safeguard.

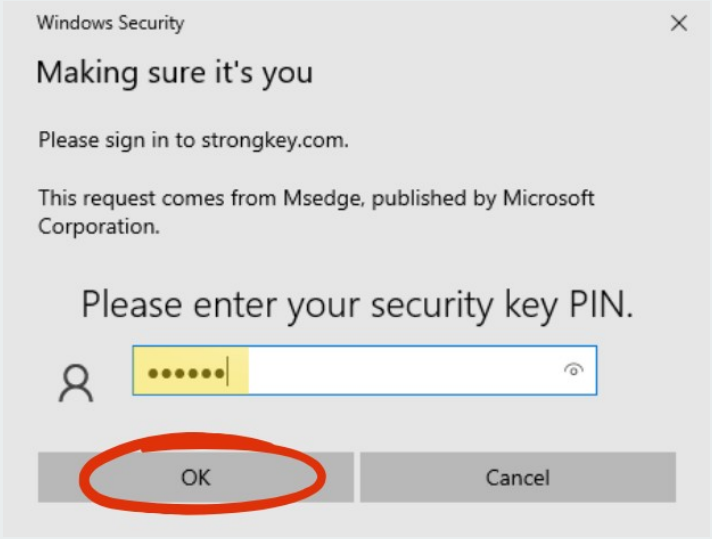


D17 REGISTRATION CONFIRMATION

Upon successfully adding the credential, a dialog box will confirm the registration action. **Click Continue** to sign-in to the SB2 platform.

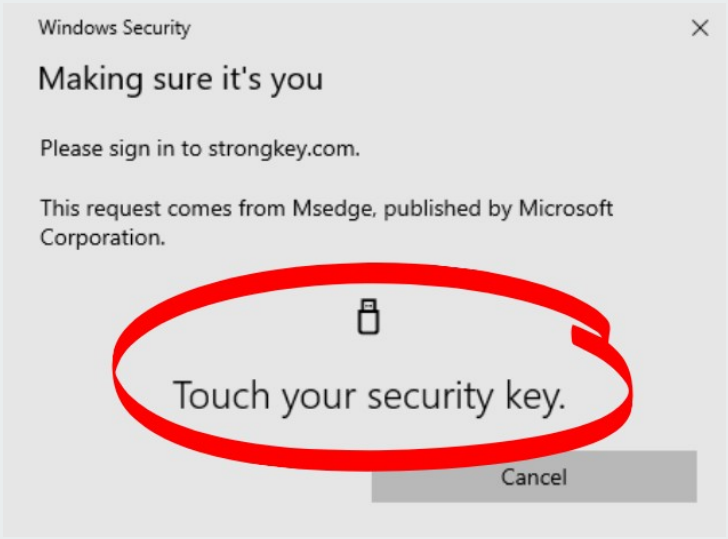
D18 SIGNING IN

After clicking **Continue**, a prompt will appear prompting you to sign in with the new credential. Verify you are signing in with the Security Key when authenticating to the SB2PROD. Enter your PIN and **Click OK.**



D19 TEST OF USER PRESENCE (TUP)

To continue the login procedure, touch the metal contact on top of the **Security Key** – this confirms a user is present and attempting to sign in from that computer with a legitimate credential on the Security Key.



D20 THE SB2PROD PLATFORM DASHBOARD

CONGRATULATIONS! Your access to the **SB2PROD Platform** has been successfully established, and your Security Key with your new FIDO credential is registered. Your account name is displayed on the right side of the screen. You may click the gear icon to edit your profile.

All SB2 users have access to two primary applications and:

- **StrongKey CryptoCabinet (SKCC)**: For securely storing and sharing encrypted files containing sensitive data.
- **StrongKey Content Distribution (SKCD)**: For storing and sharing digitally signed, unencrypted documents.
- Settings, Notifications and profile picture.

Clicking either image on the SB2 Dashboard opens the application in a new browser tab. Detailed user guides for both SKCC and SKCD are available separately.

APPENDIX

I CHANGING PERSONAL IDENTIFICATION NUMBERS (PIN)

This appendix guides you through changing your PINs on the Swissbit iShield Key 2 Pro Security Key.

AP1 CHANGING A SWISSBIT iSHIELD KEY 2 PRO PIN

The **Security Key** is a very powerful cybersecurity device and represents the state-of-the-art in multi-factor authentication (MFA) technology that does not use any passwords. The MFA is supported by the:

- **Possession factor** – where the physical possession of the Security Key is essential to the authentication process;
- **Knowledge factor** – where know the PIN to the Security Key is also essential to the authentication process.

Since the **Security Keys** provided with the SB2 use two different NIST-approved, passwordless authentication protocols, there are two containers for the cryptographic keys used with the protocols. Each container is managed by a separate PIN.

However, StrongKey recommends using the SAME PIN for both containers of the **Security Key** to reduce the burden on users. As long as the **Security Key** is safely in the possession of the legitimate user, and the legitimate user is NOT sharing the PIN to the **Security Key** with anyone, the user will be complying with one of the strictest security policies recommended for access control.

This document outlines the process for changing the two required PINs – one for the **PIV certificate** and the other for the **FIDO credential**.

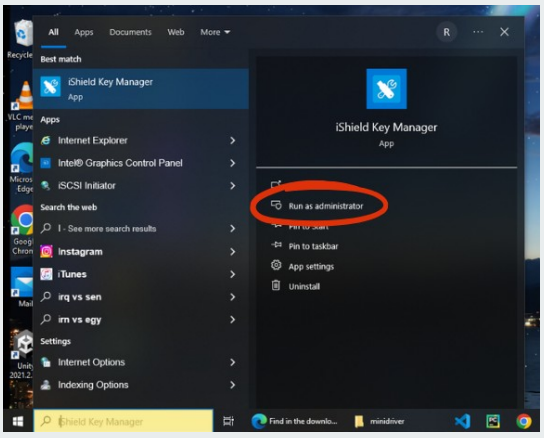
AP2	OPEN THE iSHIELD KEY MANAGER APPLICATION

To begin, access the iShield Key Manager application by selecting the **Windows start icon** from the Windows taskbar.

AP3	SELECT iSHIELD KEY MANAGER

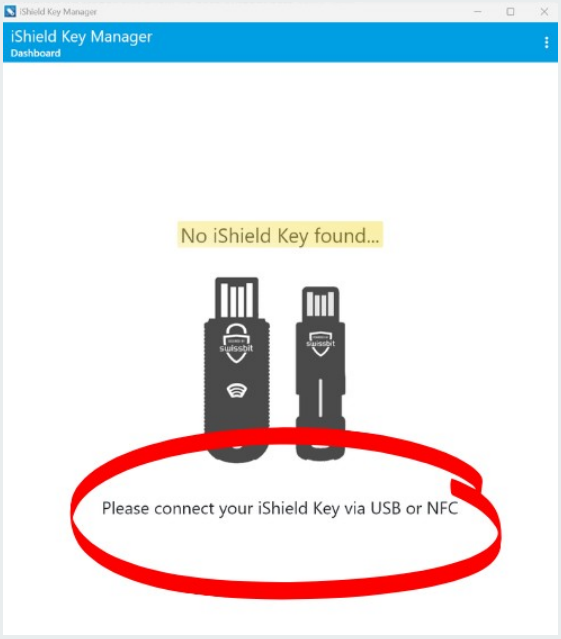
Search for the iShield Key Manager application. **Click Run as administrator.**

NOTE	To change your iShield Key's FIDO2 PIN in Windows, you must run the iShield Key Manager as an administrator. Windows requires these elevated permissions to access specific security key settings. If you do not run the app as an administrator, the **Change PIN** settings for the FIDO2 container will remain **inaccessible**.



AP4 THE iSHIELD KEY MANAGER APPLICATION

Upon opening, the application displays the screen shown below and indicates **No iShield Key Found.**



AP5 INSERT THE SWISSBIT iSHIELD KEY 2 PRO

Plug the **Security Key** into the USB-C port.

AP6 IDENTIFYING THE USB-C PORT

Locate the USB-C port—typically found along the edge of the computer, it features a compact design with smooth, rounded corners that set it apart from traditional USB-A ports. The image below shows both a USB-C port and its matching male connector.

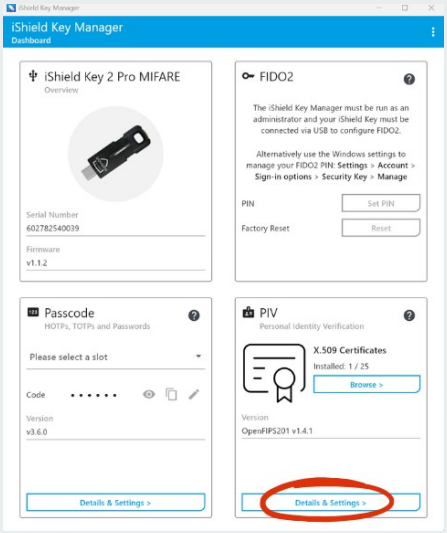
AP7 NO USB-C PORT? NO PROBLEM.

With the provided **USB-A to USB-C adapter**, simply plug the USB-A end into the computer and insert the **Security Key** into the USB-C port.

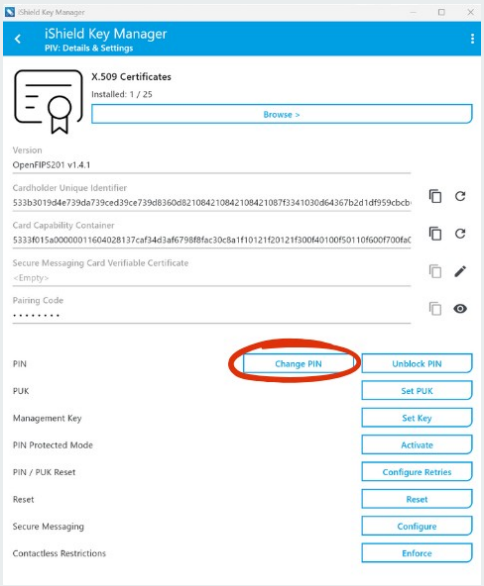
The provided USB adapter pictured below.

AP8 CHANGING PERSONAL IDENTITY VERIFICATION (PIV) PIN

From the home screen, navigate to the lower right-hand side of the screen and open the PIV's **Details & Settings.**

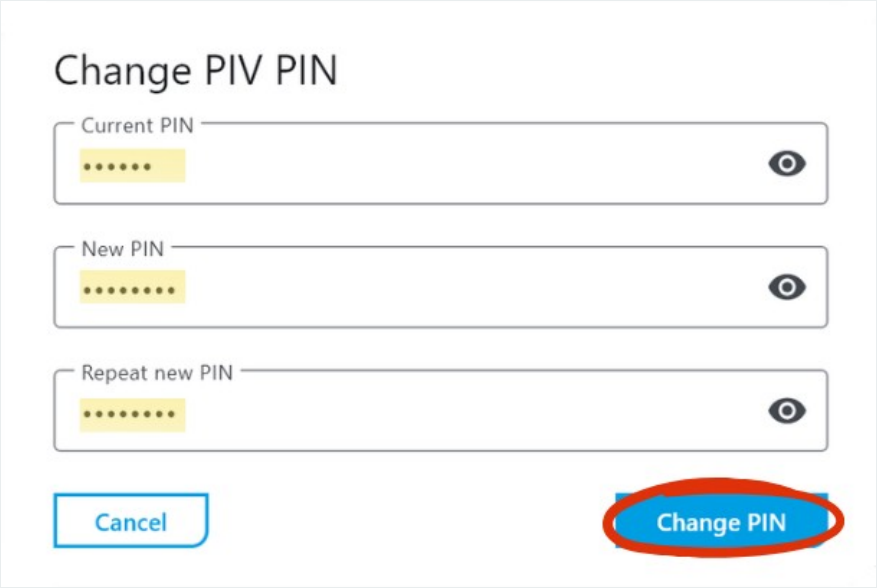


AP9	CHANGE PIN OPTION
Select the **Change PIN** option.	
NOTE	Unless otherwise specified, each PIN on iShield2, must comply with the following rules: • PIN must be at least 6 characters long • 4 identical characters are not permitted (e.g. 2222as), but PIN with 3 identical characters is permitted (e.g. 222asd). • Sequences of numbers are not permitted (e.g. 123456, abcdef).



AP10 ENTER PIN INFORMATION

a) Enter the default PIN **(112233)**.
b) Enter the new PIN. The PIN must contain 6 to 8 characters.
c) Re-enter the new PIN to confirm then click **Change PIN**.

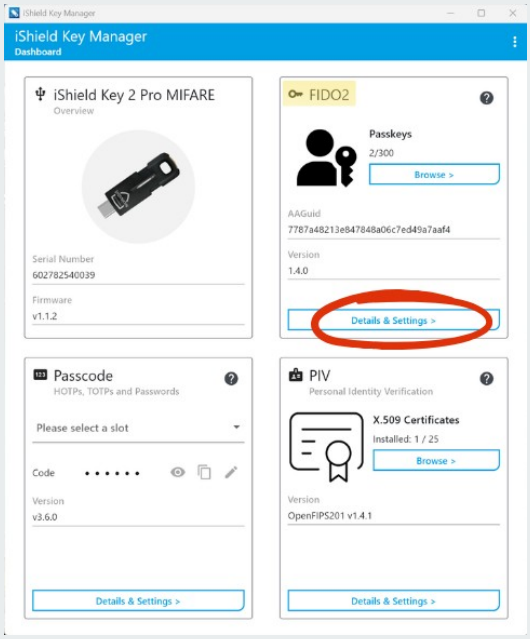


AP11 SUCCESS!

If the PIN was changed succesfully, a confirmation message will appear near the bottom of the application. StrongKey recommends using the same PIN for setting or changing the FIDO PIN.

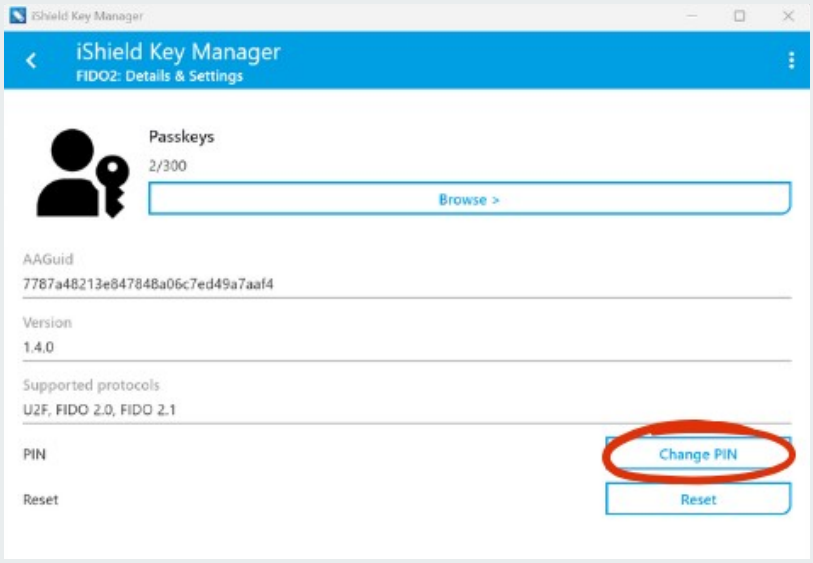
AP12 CHANGING THE FIDO PIN

Changing the PIN for the FIDO2 container uses the same procedure as outlined in steps AP9 – AP11. If the **Details & Settings** button is not accessible, close the iShield Key Manager and reopen but select **Run as administrator** (see Step AP3).



AP13 CHANGE PIN

Click Change PIN.



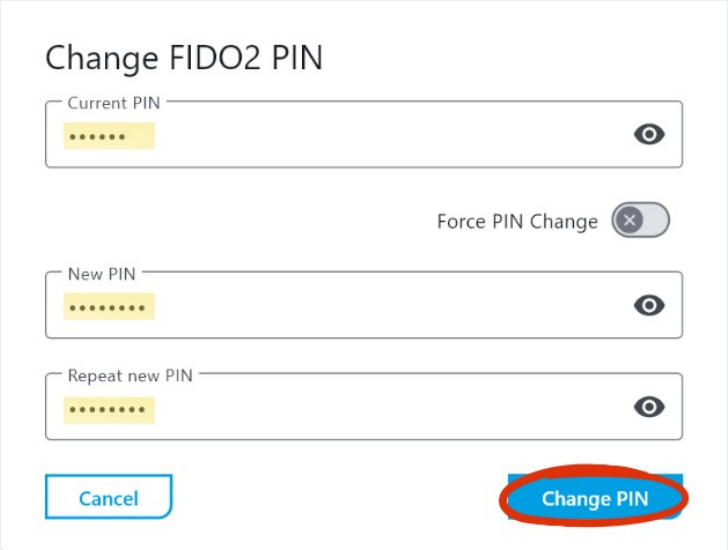
AP14 ENTER NEW PIN

a) Enter the default PIN **(112233)**.
b) Enter the new PIN. The PIN must contain 6 to 8 characters.
c) Re-enter the new PIN to confirm then click Change PIN.

NOTE

Unless otherwise specified, each PIN on iShield2, must comply with the following rules:

- PIN must be at least 6 characters long
- 4 identical characters are not permitted (e.g. 2222as), but PIN with 3 identical characters is permitted (e.g. 222asd).
- Sequences of numbers are not permitted (e.g. 123456, abcdef).



AP15 SUCCESS!

If the PIN was changed succesfully, a confirmation message will appear near the bottom of the application. StrongKey recommends using the same PIN for setting or changing the FIDO PIN.