

# LANKASIGN CERTIFICATION SERVICE PROVIDER COMMON ISSUES & SOLUTIONS – ASN 1 ERROR

**Version 1.1**

**Issue Date: 21<sup>st</sup> August 2023**

**Issued By: LankaPay Private Limited**

Your Trusted  
Payment Network



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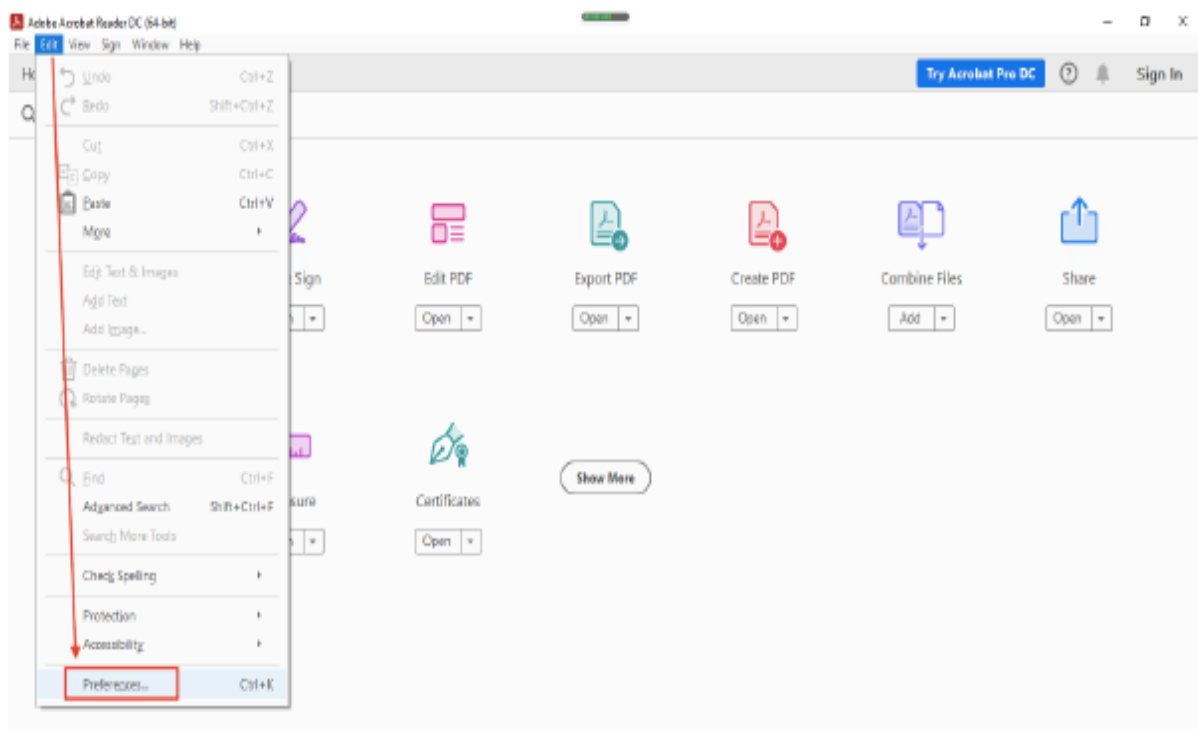
## 1. PREREQUISITES

- Cryptoid SDK
- Certificate is enrolled inside Cryptoid
- Adobe

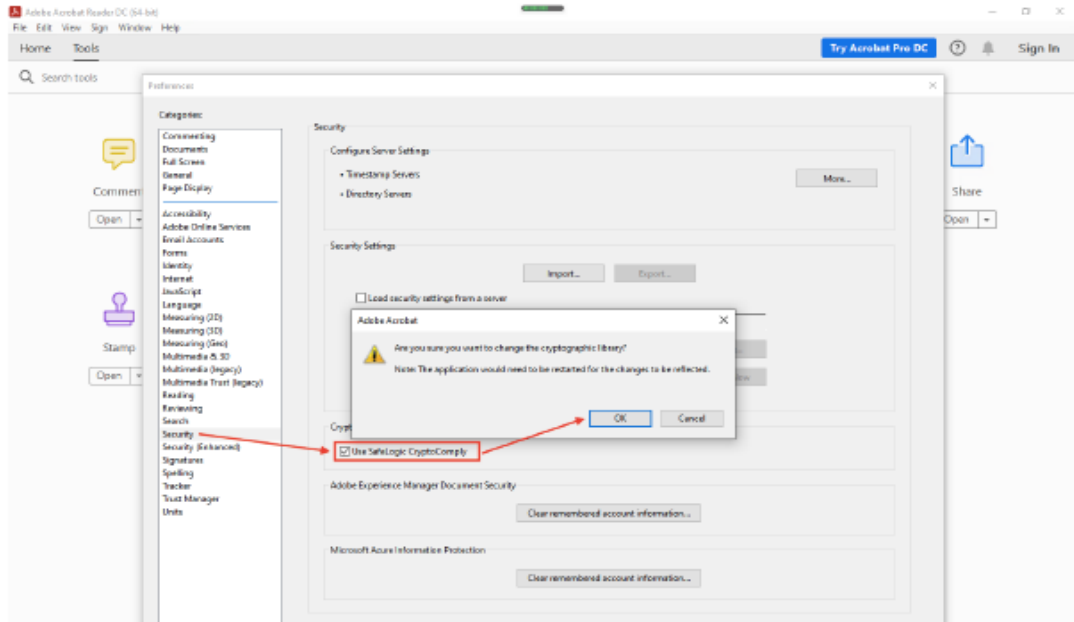
## 2. DIGITALLY SIGN ADOBE ACROBAT READER DC

Open Adobe, follow the steps:

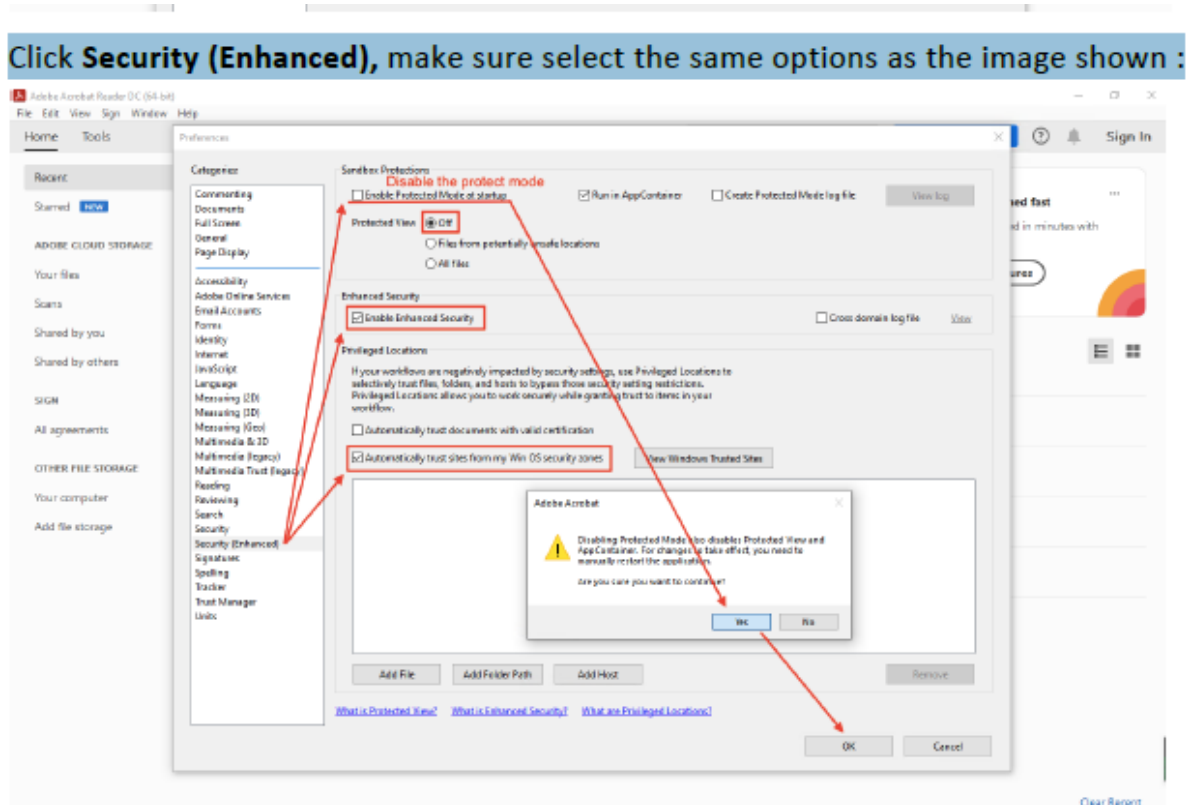
Click Edit-Preferences



### 3. Click Security, select Use SafeLogic and then click OK



Click Security (Enhanced), make sure select the same options as the image shown :

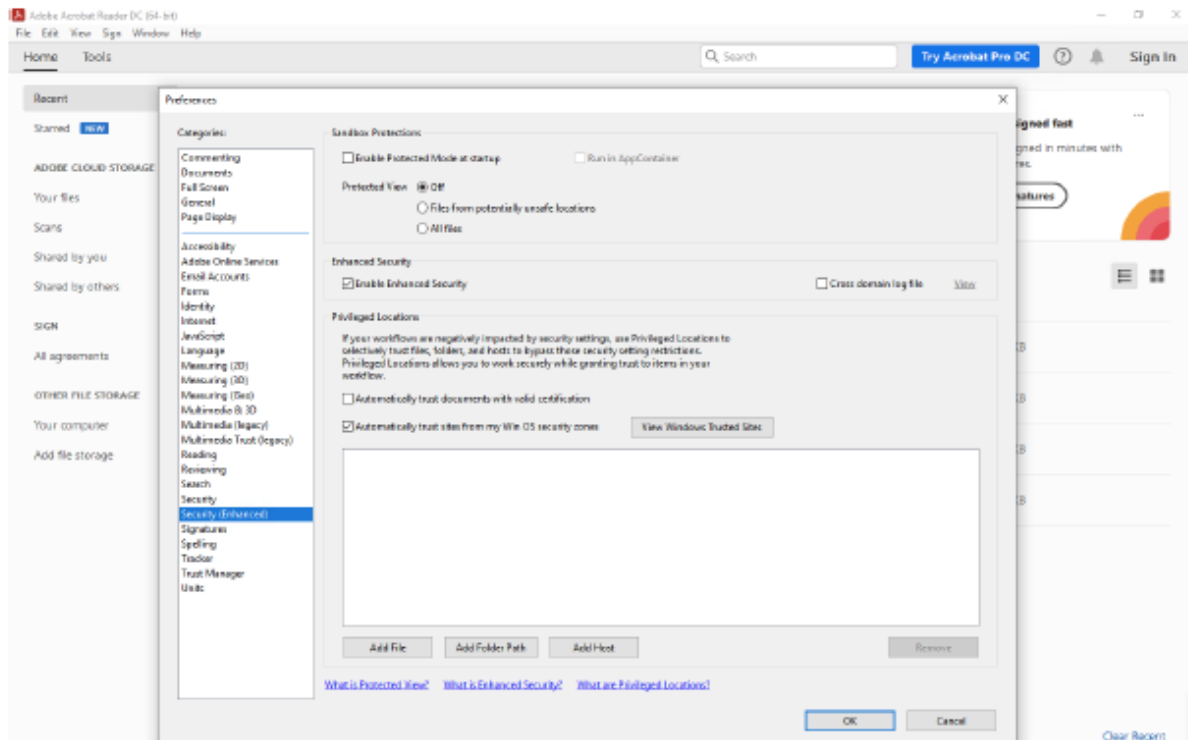


After the settings, restart your Adobe,

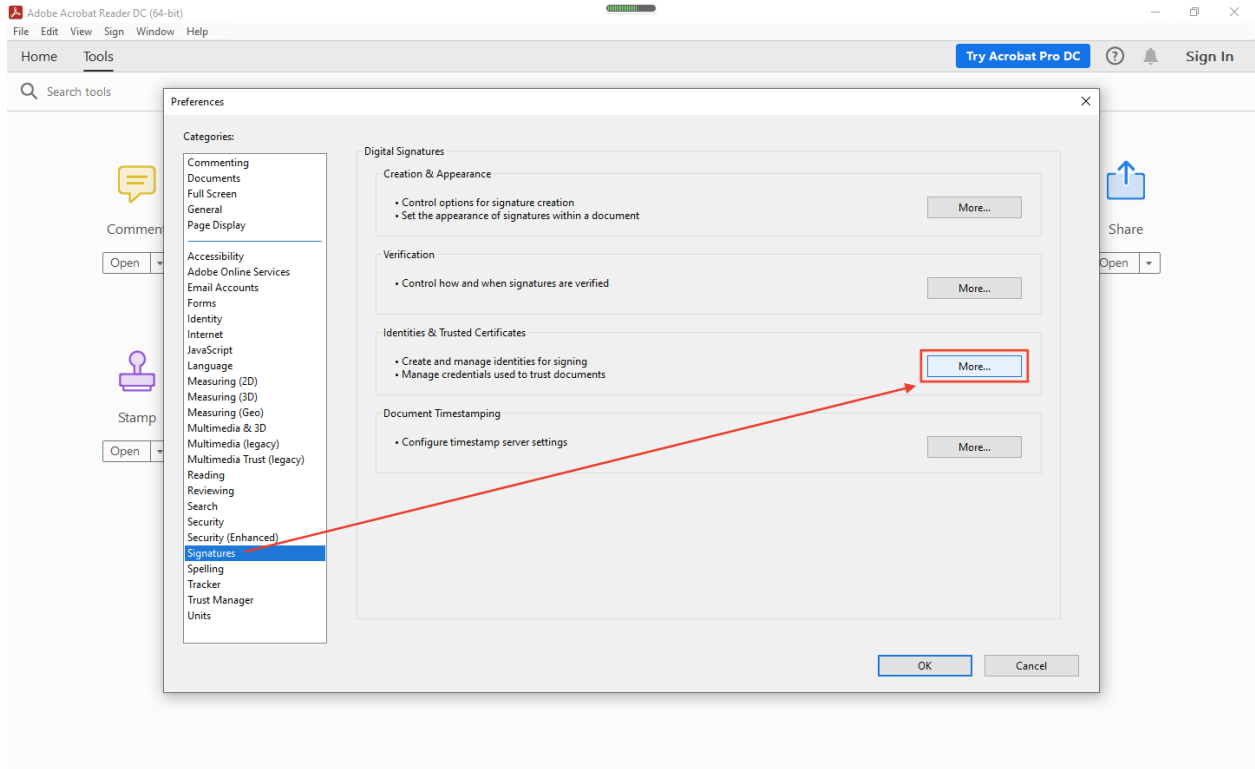
Then click,

Edit → Preferences → Security (Enhanced),

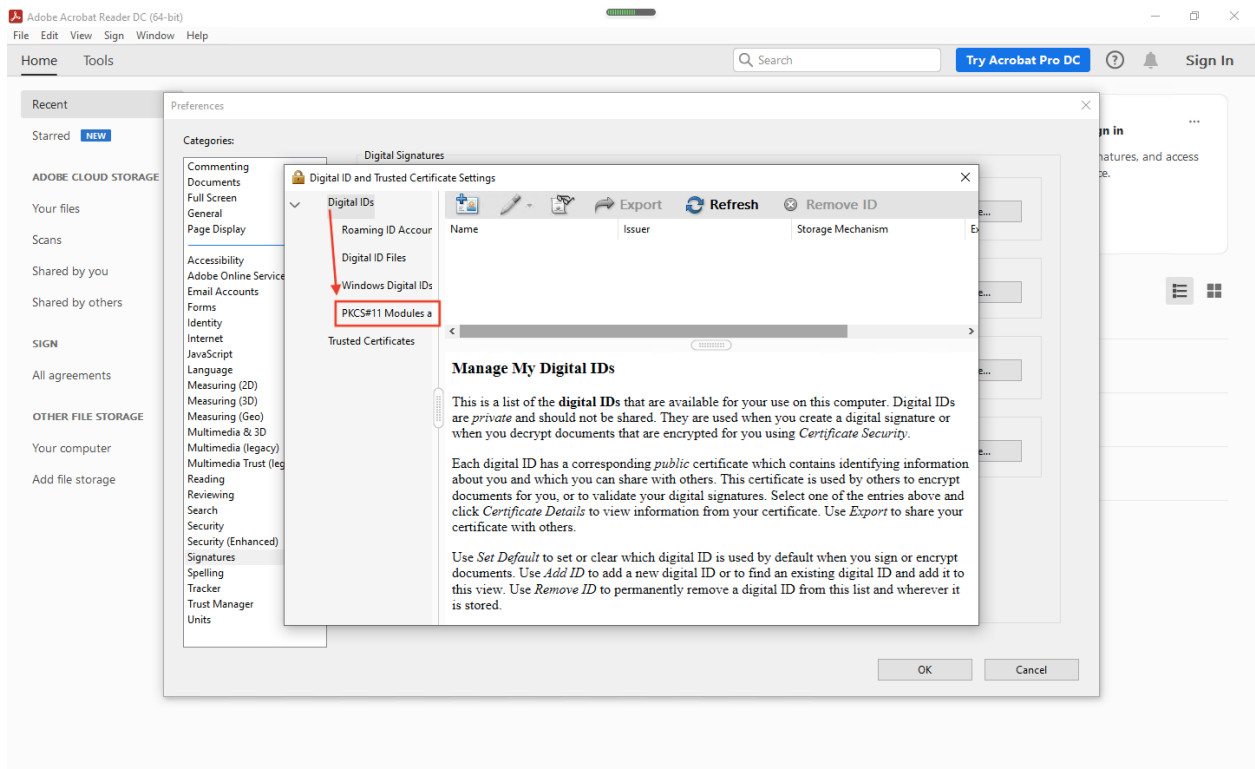
you can see the page is shown like this:



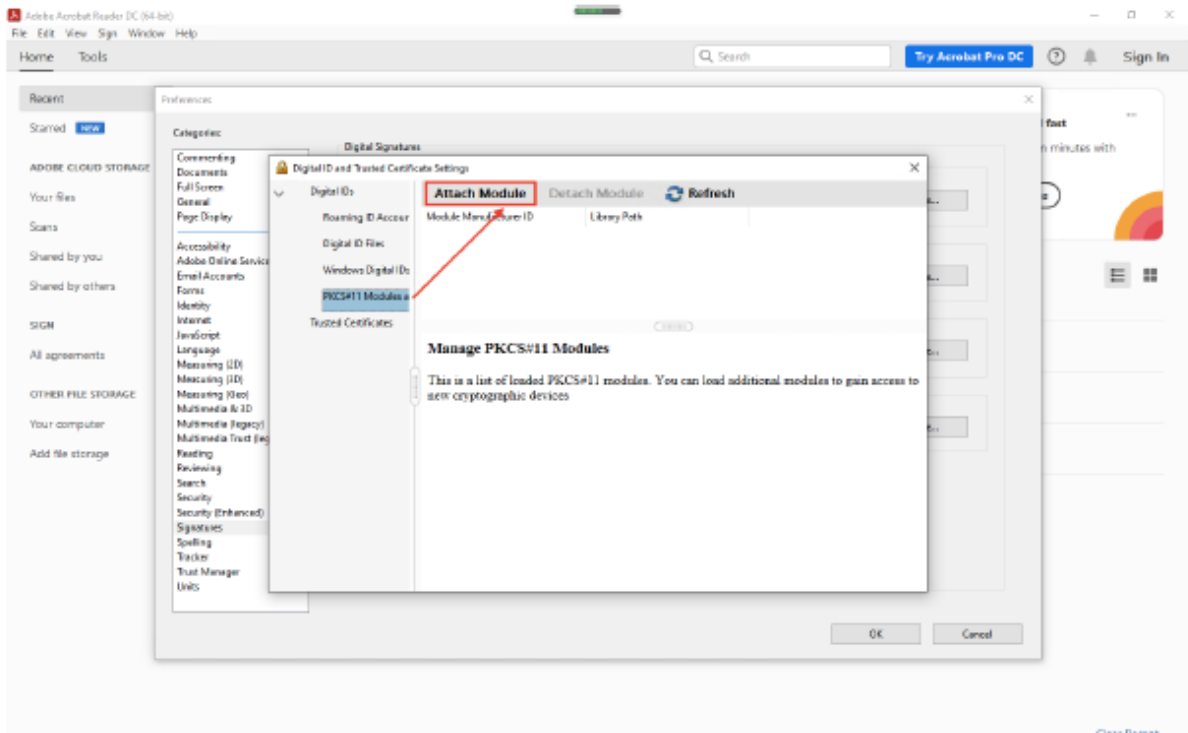
Then click Signatures, Select More on the Identities & Trusted Certificates.



Unfold **Digital IDs**, select **PKCS#11 Modules and Tokens**:

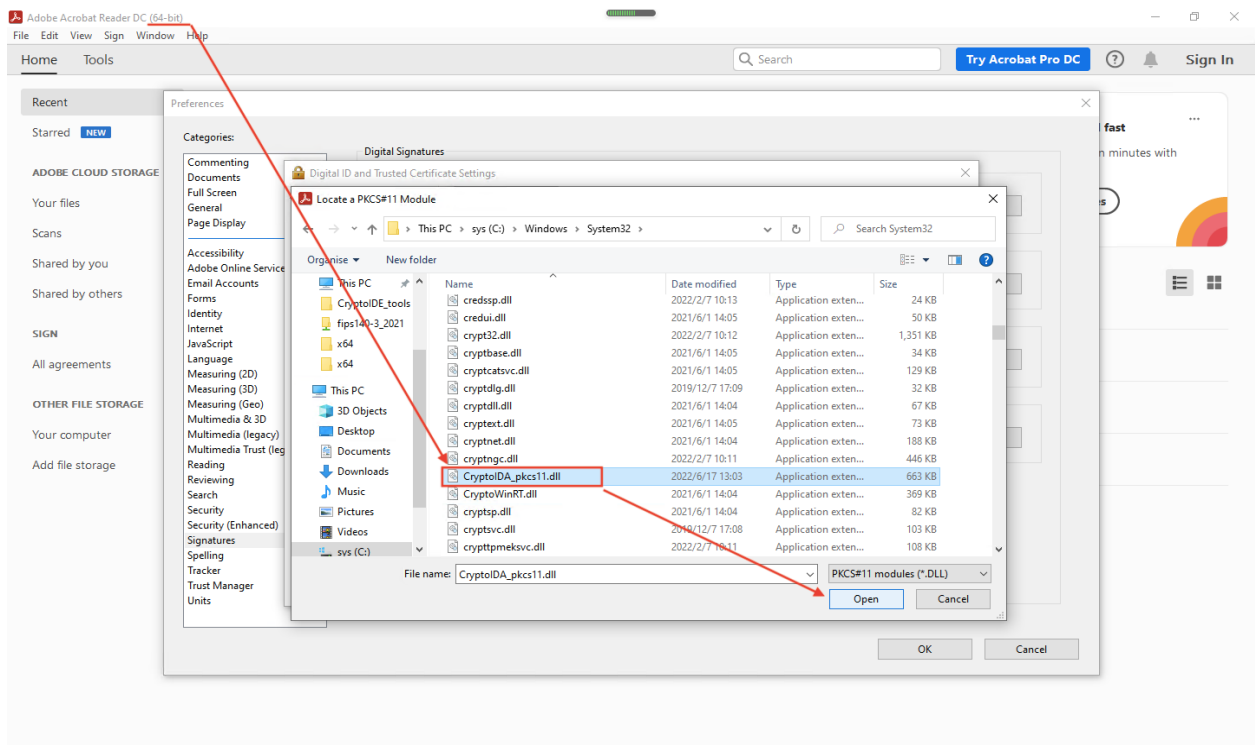


Then click **Attach Module**:

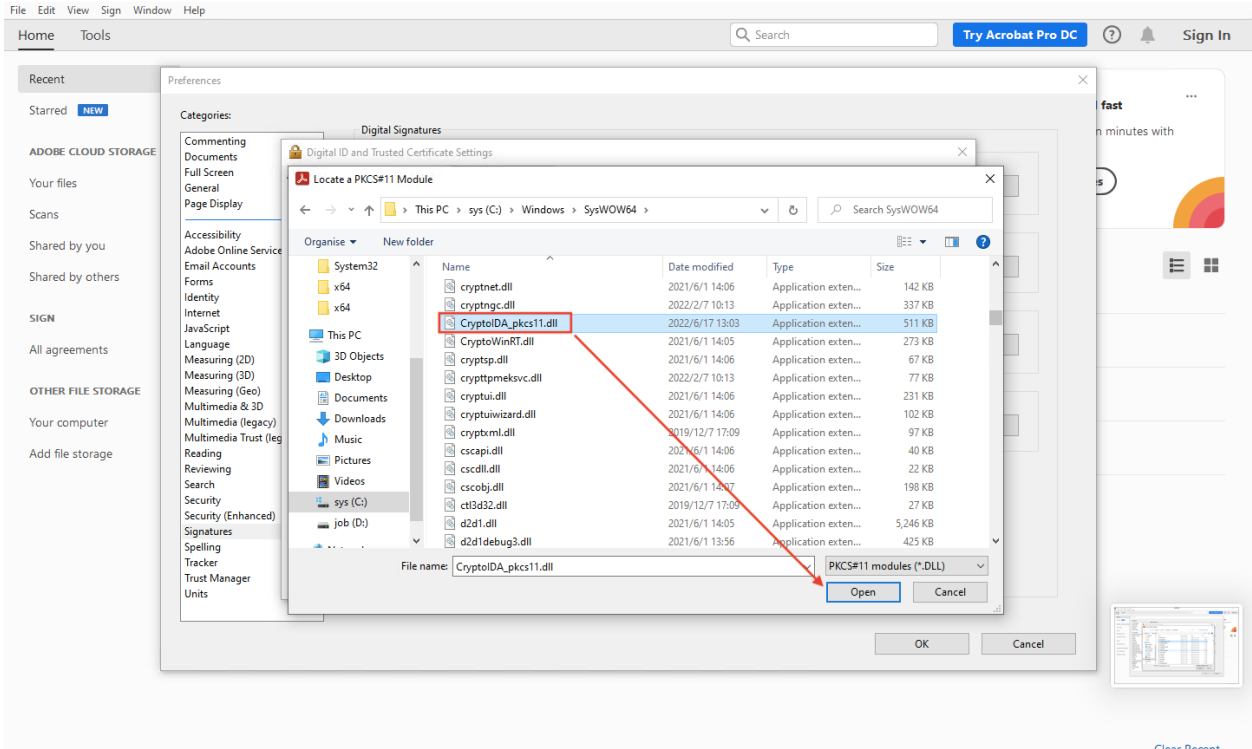


If your Windows Operation System is 64bit, and your Adobe is 64bit as well, then you need load library from

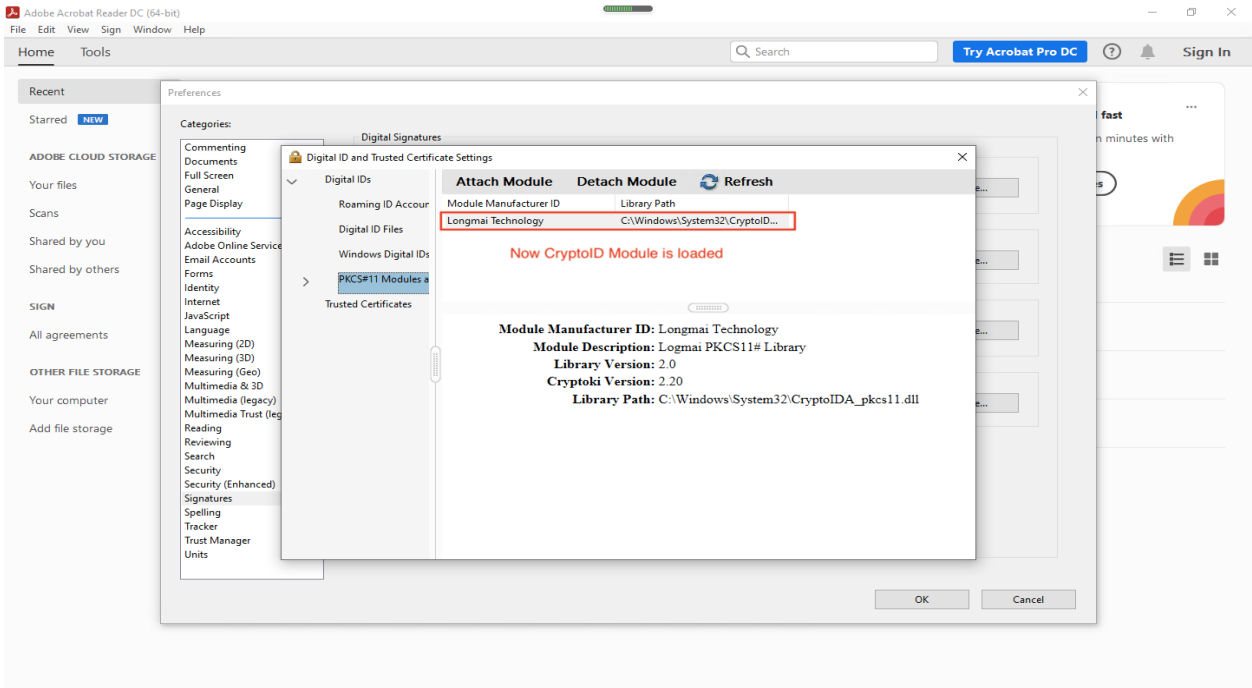
`C:\Windows\System32\CryptoDA_pkcs11.dll`



If your Adobe is 32bit, then you need load library from  
C:\Windows\SysWOW64\CryptoIDA\_pkcs11.dll

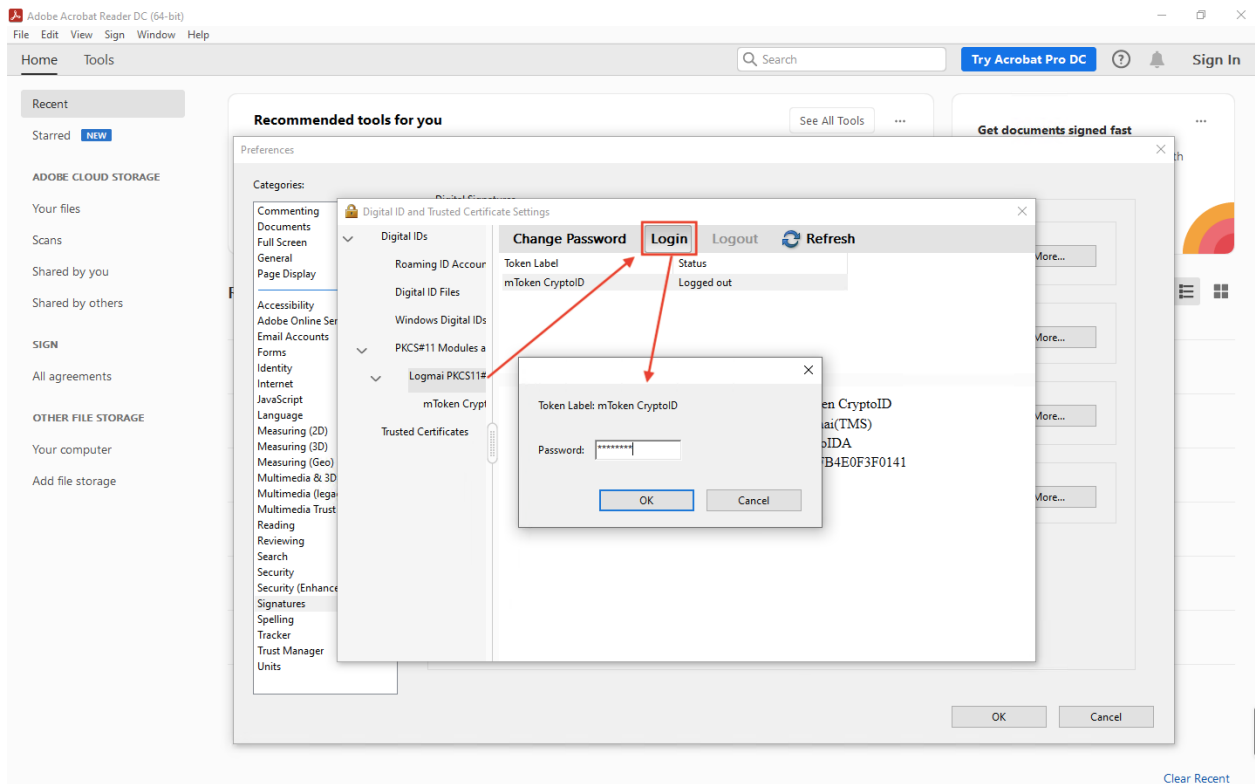


Then you can see CryptoID Module is loaded. (here my Adobe is 64bit, thus I load library from C:\Windows\System32\CryptoIDA\_pkcs11.dll, if your Adobe is 32bit, you should load from another path, check the content above)





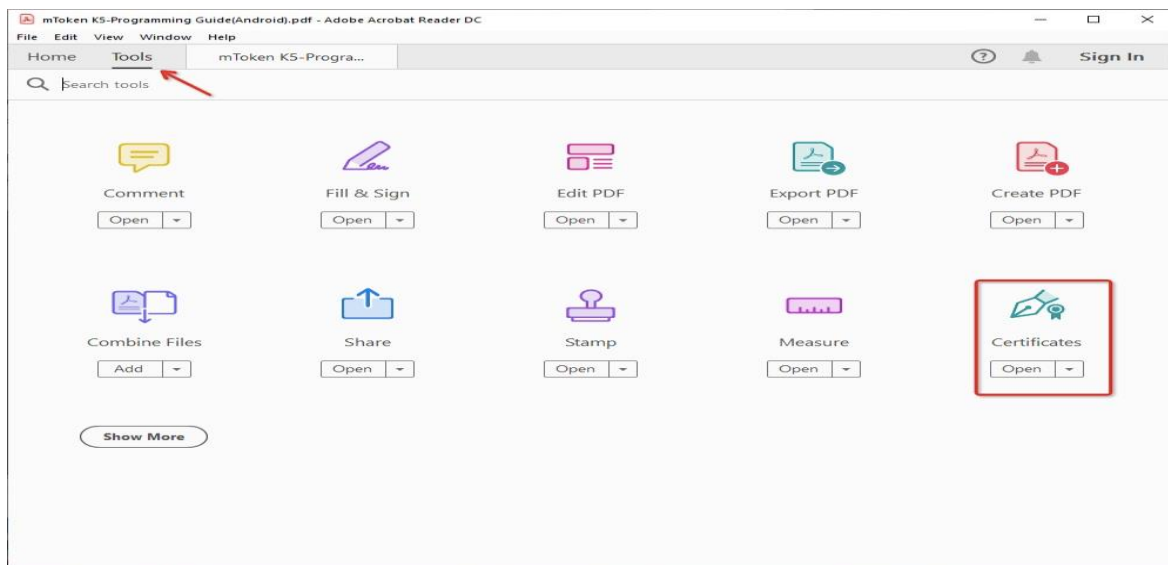
Then unfold the PKCS#11 Modules and Tokens, click Longmai PKCS11# Library, then click Login button. Input your token password and then click OK.



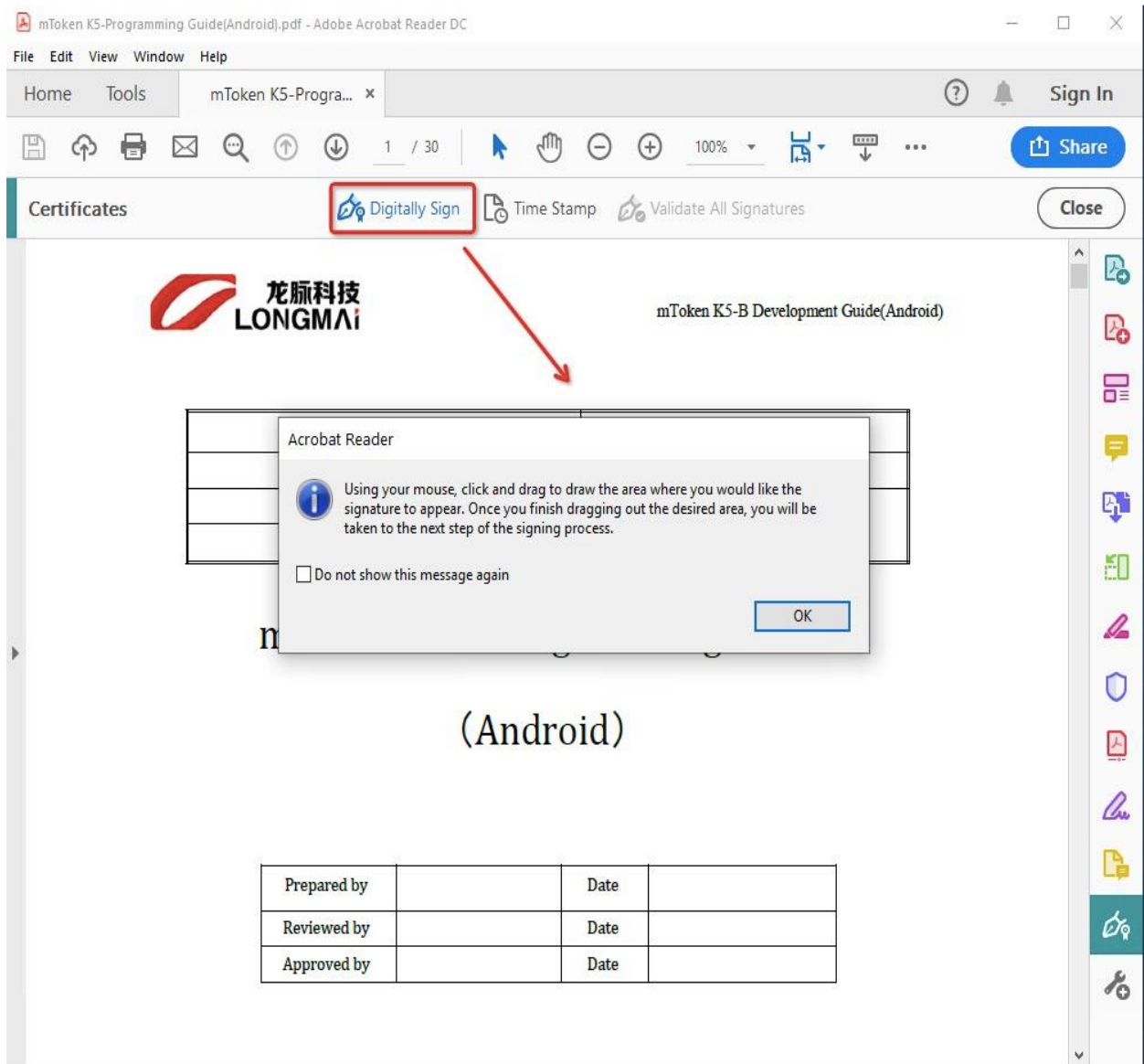
Now you can use Adobe sign PDF.

Open a PDF file via Adobe Acrobat Reader DC, and make sure the Cryptoid is connecting to the computer.

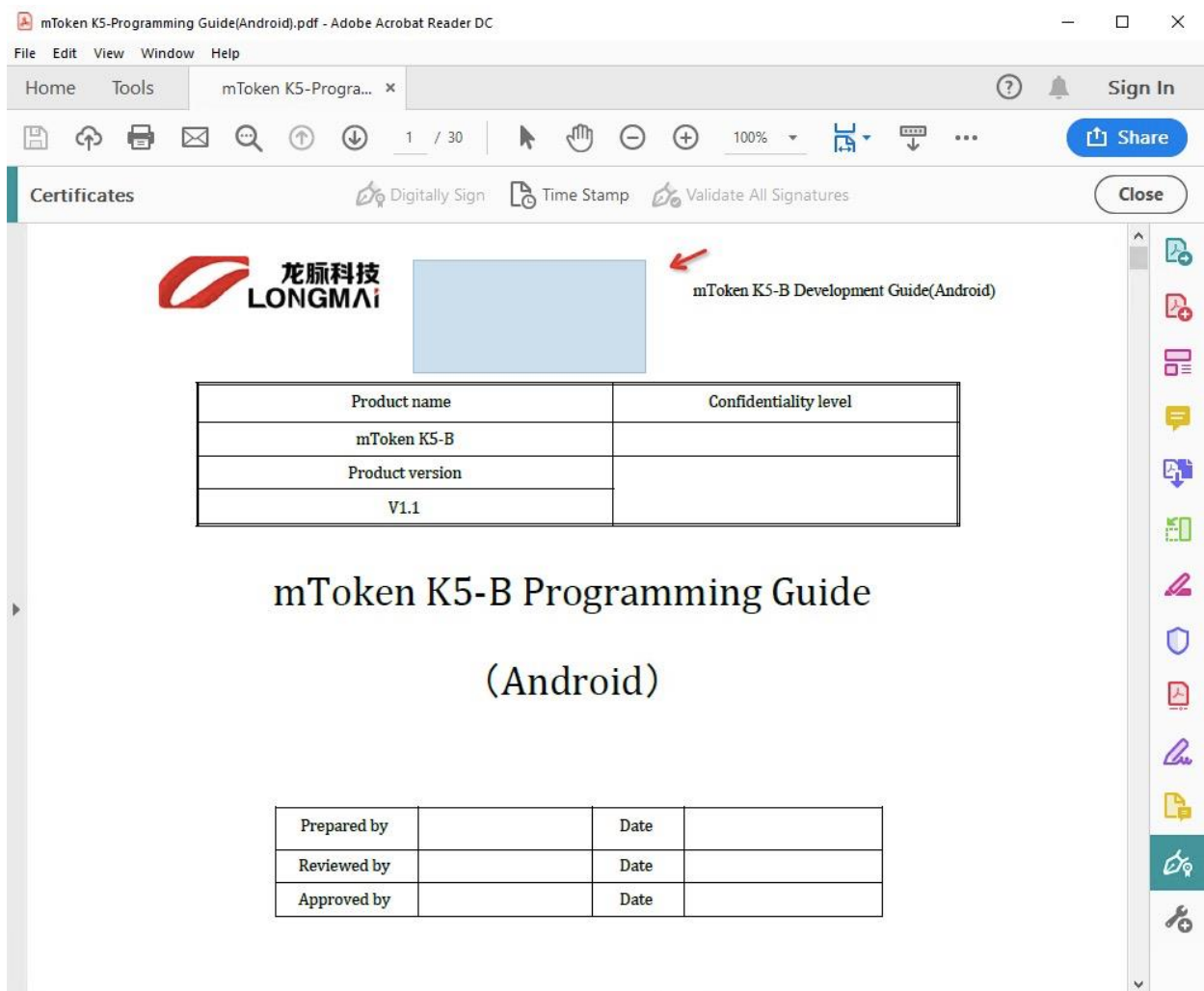
Click **Tools** and select **Certificates**.



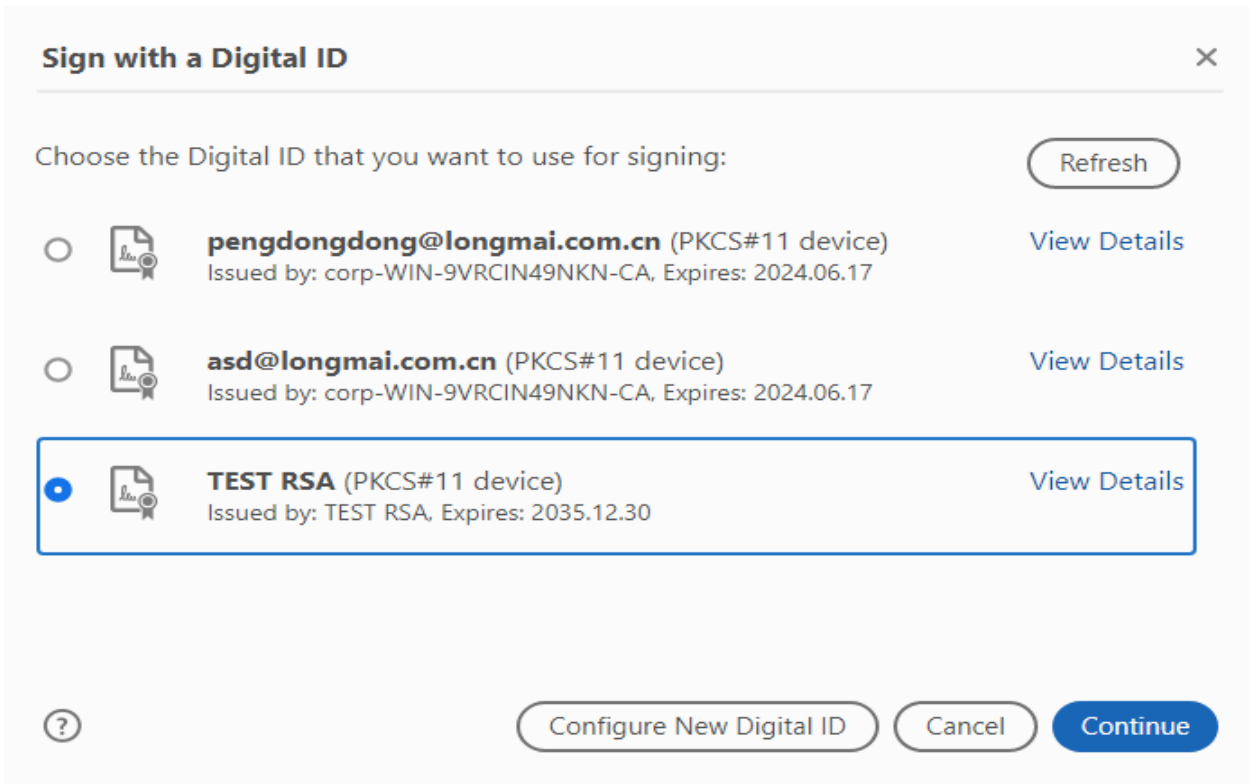
Then will auto back to the document page, select **Digitally Sign**, a prompt box appears.



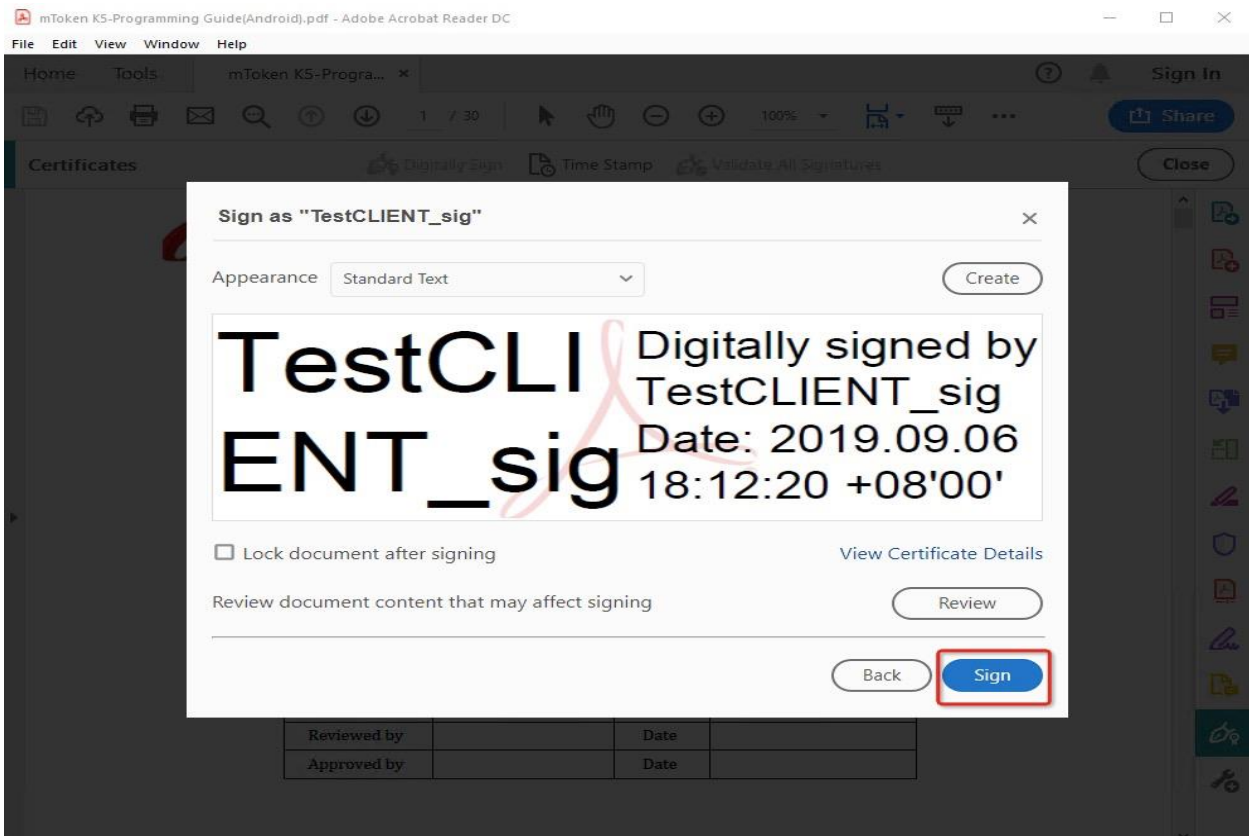
Then click **OK** , draw an area to show as digital signature.



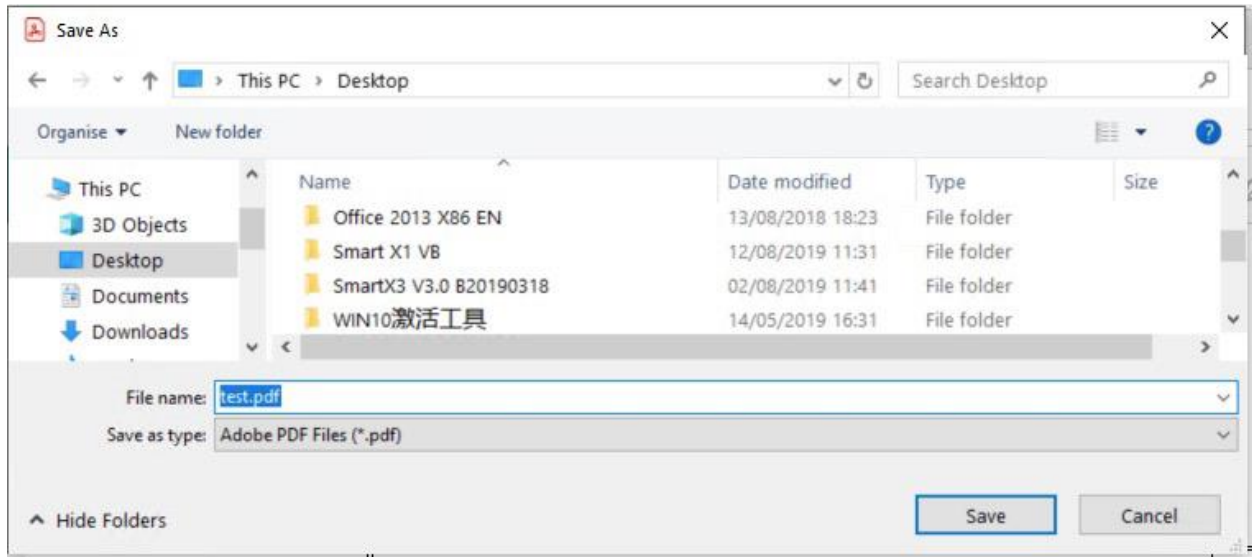
Release your mouse, the Sign with a Digital ID will pop up. All certificates in the computer and CryptoID will be listed out. Select the certificate on CryptoID and click Continue.



Click **Sign**



Save the file as a backup, here we name it test.pdf, click **Save**

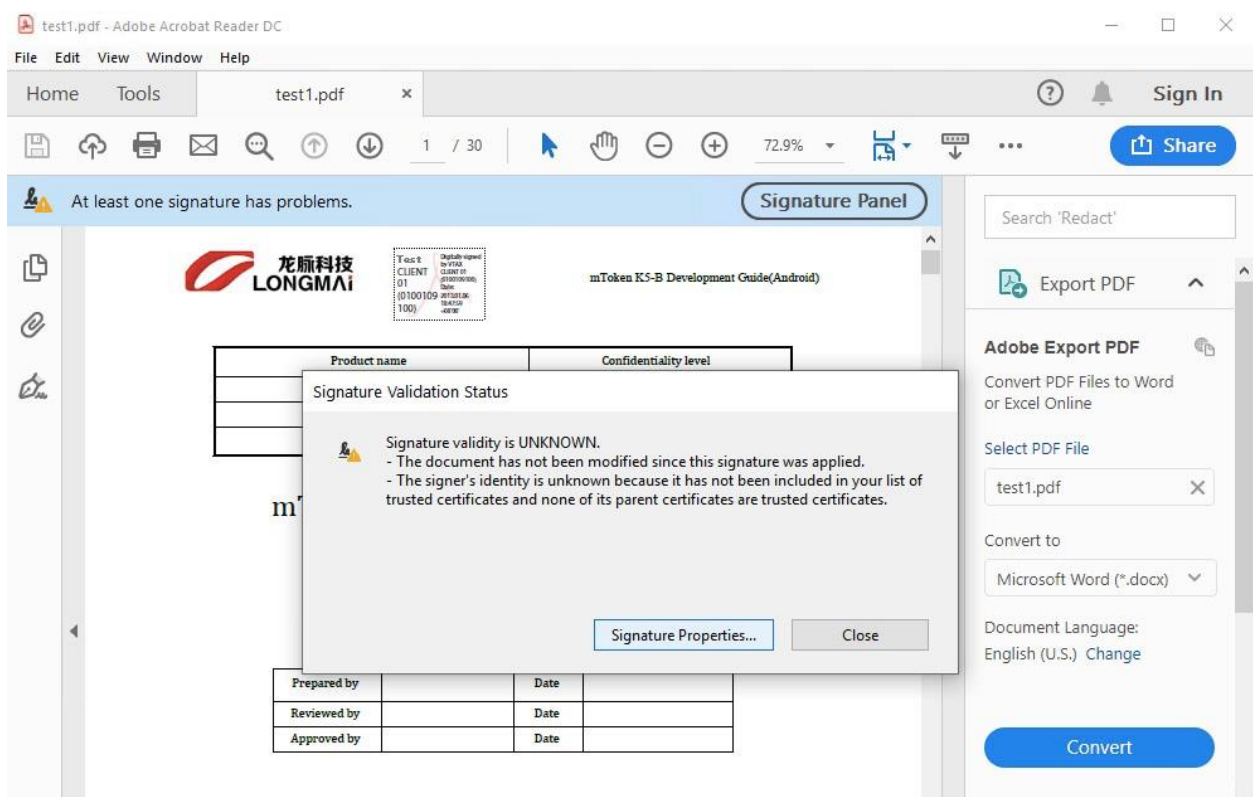


If you already login the module, then Adobe will not ask for PIN again. Then you will see a signed pdf be generated

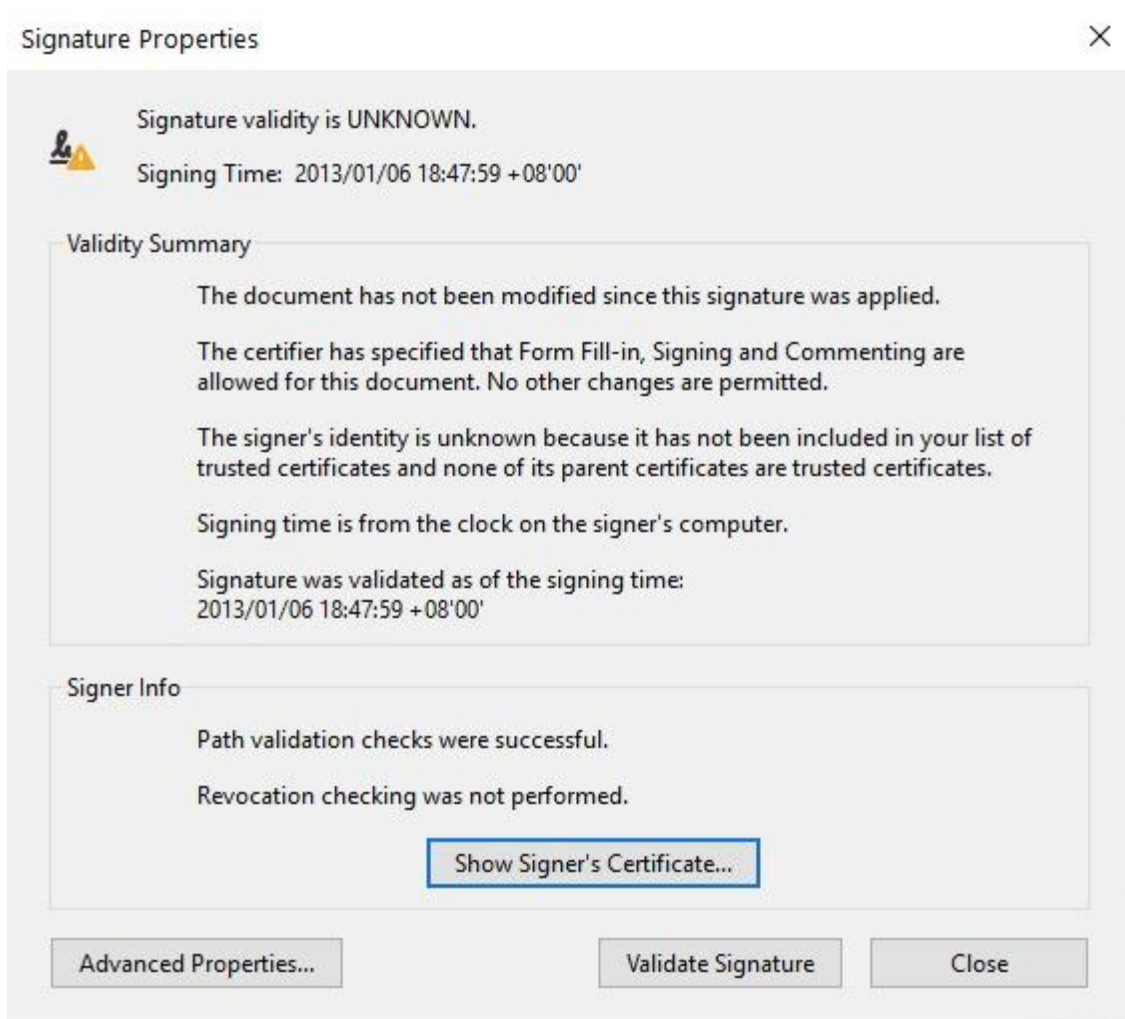


### 3. ADD CERTIFICATES AS TRUSTED CERTIFICATES

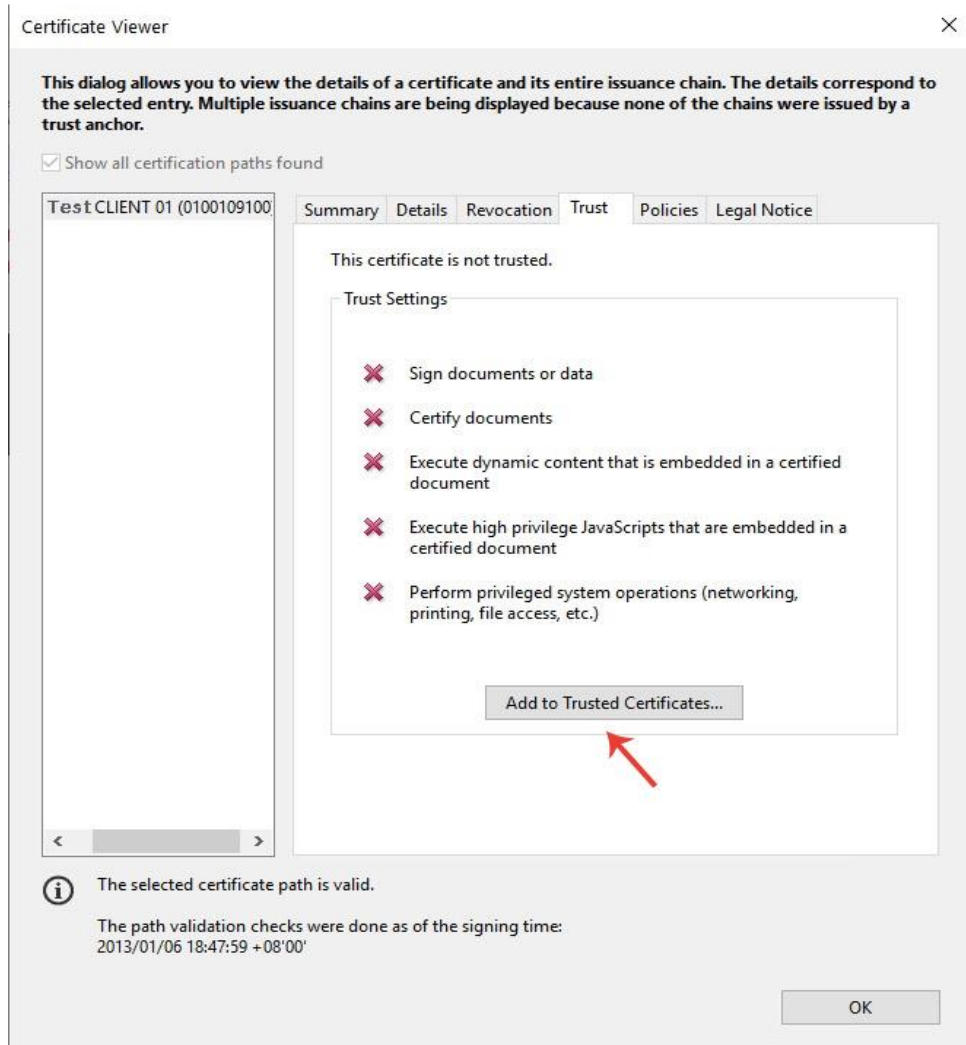
At last, if you are worrying about the alert **At least one signature has problems.** Don't worry, it is not the certificate issue. It means the certificate is not trusted by your computer. You can click the signature stamp, then a panel will show up.



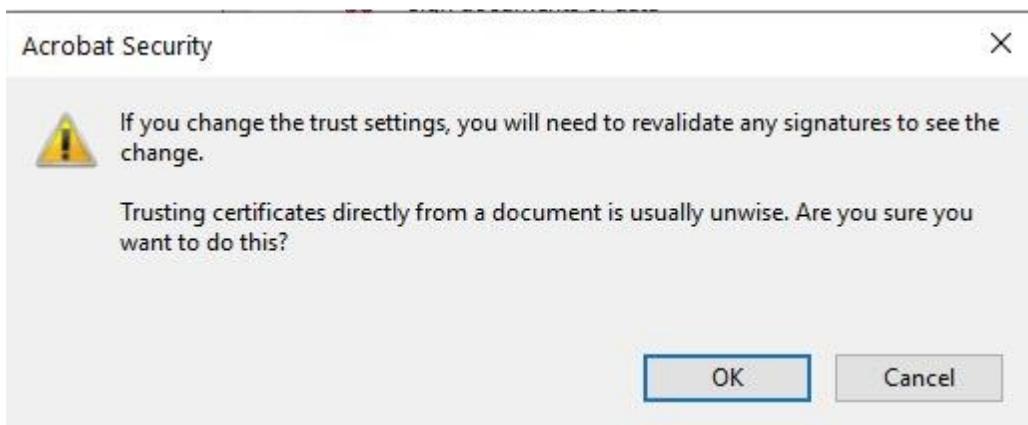
Click  Signature Properties



If you trust this certificate and want to add it as a trusted certificate, please operate as following shown. Please exercise caution.

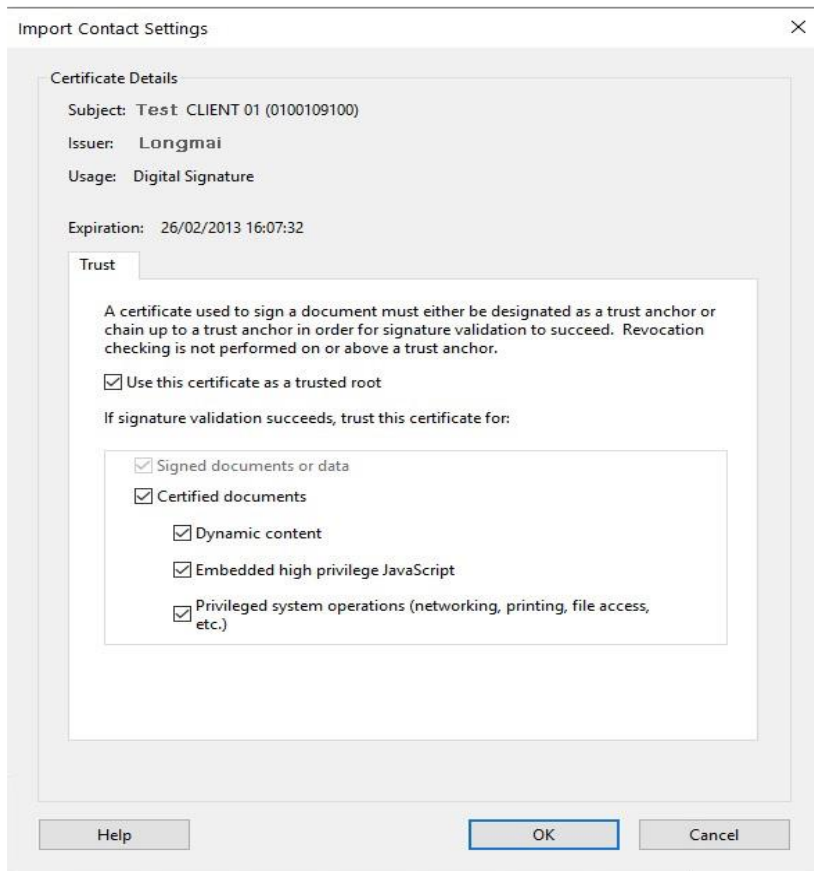


Click **OK** and continue





Select those options, click **OK**



After finishing the upper steps, reopen this PDF file, you will see the signature is valid now.

