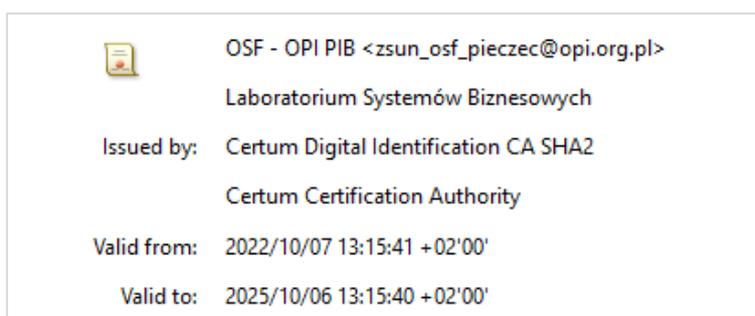


OSF electronic seal – general information

PDF documents generated by the OSF system have an electronic seal of the National Information Processing Institute (OPI PIB) attached to them. This seal is used to ensure the integrity of data included as part of the generated document (it is possible to verify whether the data wasn't modified, added or deleted in an unauthorized manner). The presence of the National Information Processing Institute electronic seal confirms the OSF system as the source of this data. The document with this seal can be signed by the User with his own digital signature.

The certificate linked with the seal of our system was issued by: CERTUM General Certification Centre which provides services related to electronic signatures - it is a certification authority (CA).

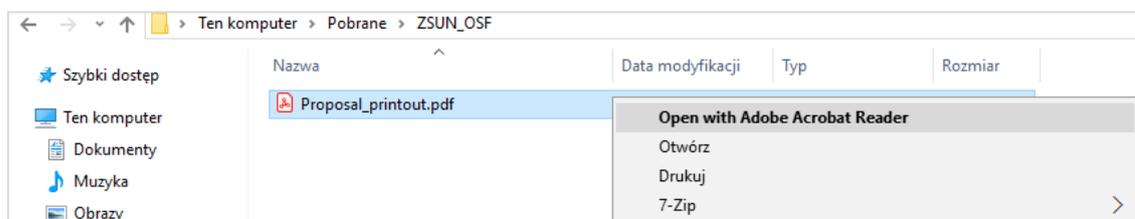
The details of the certificate for the seal used by our system can be verified below:



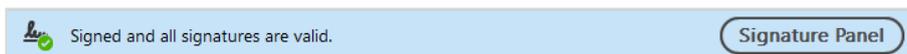
How to verify the seal authenticity?

The authenticity of the “OSF – OPI PIB” seal can be verified with the Adobe Acrobat Reader software.

1. If you don't have Adobe Acrobat Reader, download it from the website: <https://get.adobe.com/pl/reader/> and install on your computer.
2. Download the PDF file generated by the OSF system which contains the electronic seal and open it with the Adobe Acrobat Reader.



3. Acrobat Reader ought to show a message: **Signed and all signatures are valid.**

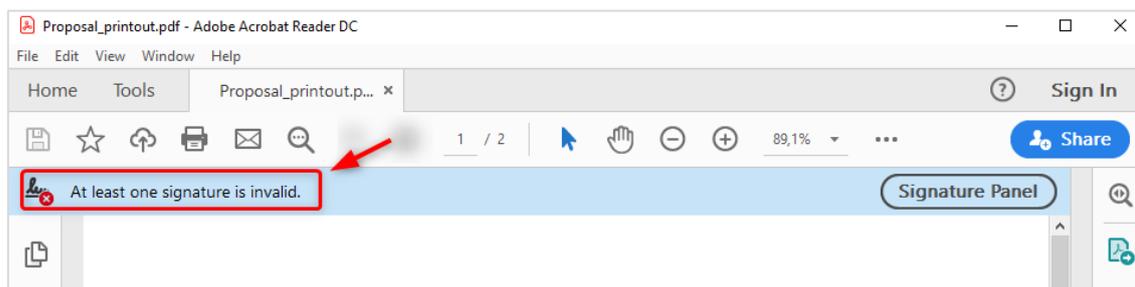


It may occur that after opening the document in Acrobat Reader a warning message will appear, stating that some problems have occurred with the electronic signature.

If the following message appears after opening the document:

- **At least one signature has problems** or
- **At least one signature is invalid**

please follow the steps 4-14, as shown below.

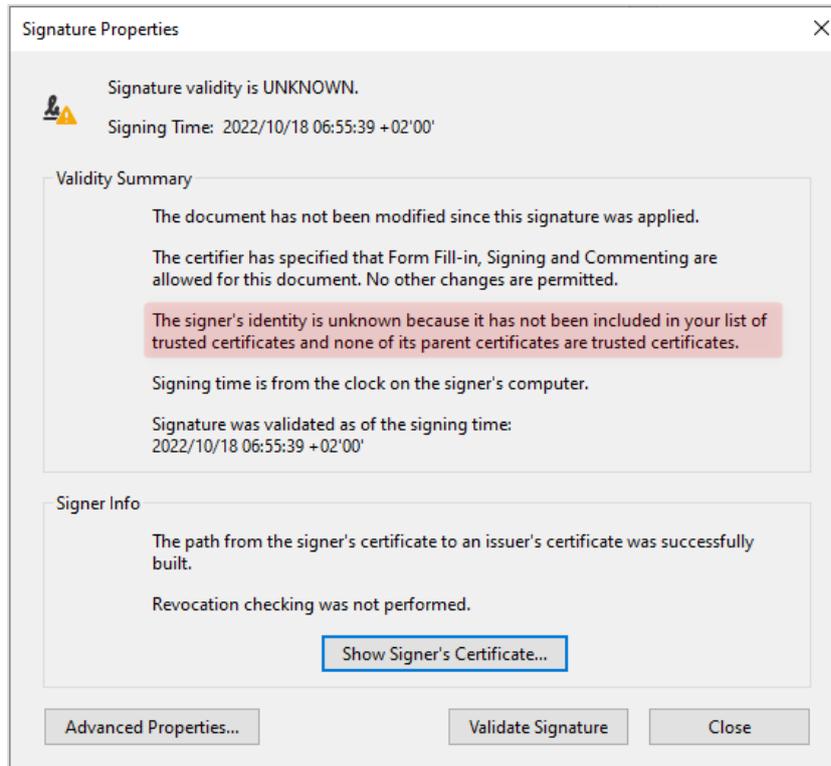


4. To see the details regarding the reasons for which the OSF seal was deemed invalid, please:

- click on **“Signature Panel”**
- right-click on **“Rev. 1: Signed by ZSUN OSF OPI PIB”**
- and choose **“Show Signature Properties...”**.



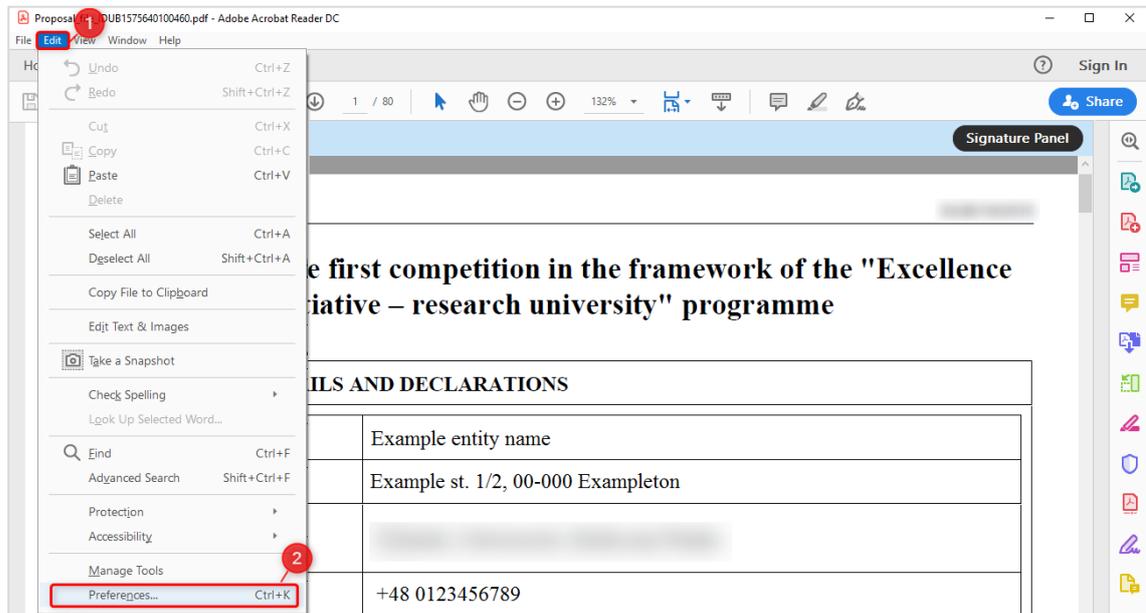
5. *Signature Properties* window will show the cause of the error. In the case pictured below, the signer's identity is invalid. Acrobat Reader is unable to verify whether the OPI PIB seal contained in the PDF file has been issued by a trusted party. To deal with the issue, you must download a public key from the Certum PCC website and install it into your Acrobat Reader software.



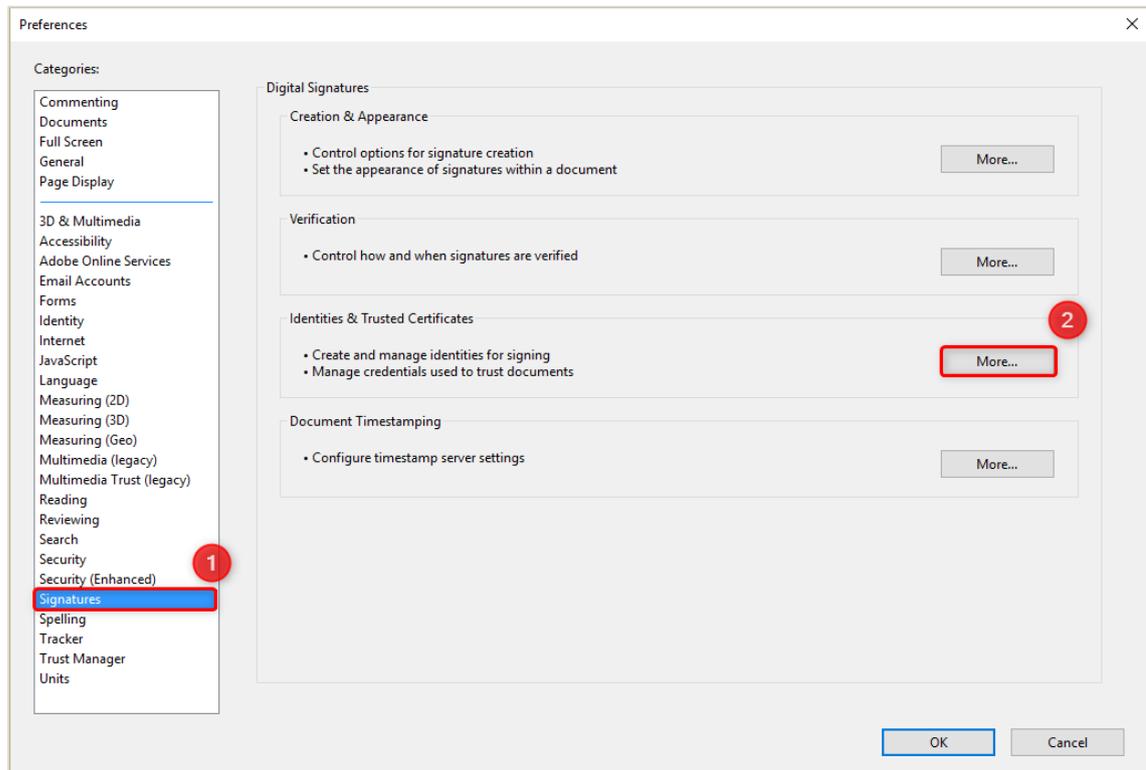
6. Download the **Certum Digital Identification CA SHA2** public key in CRT format ([direct link here](#)) from https://www.certum.eu/en/cert_expertise_root_certificates/ and save it on your computer (use right-click → “Save file as...” option).



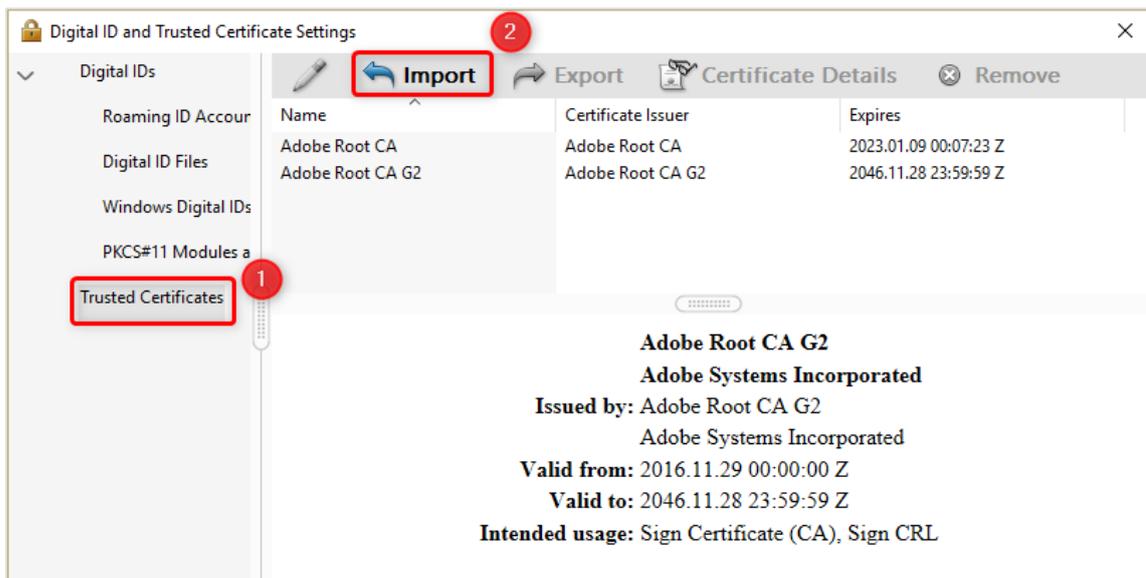
7. After downloading the public key, go to Acrobat Reader and open the **Edit** menu and then choose **Preferences**.



8. In the *Preferences* window, please choose **Signatures** in the menu on the left, and then in the **Identities & Trusted Certificates** section, choose **More**.



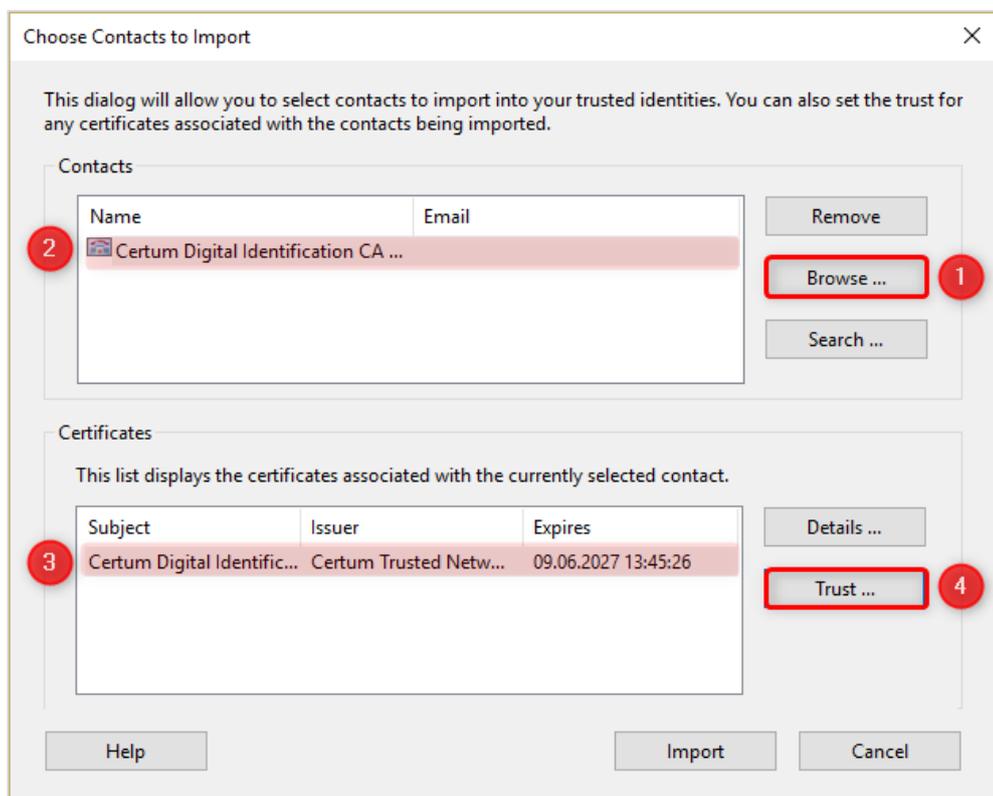
9. Choose **Trusted certificates** and then **Import**.



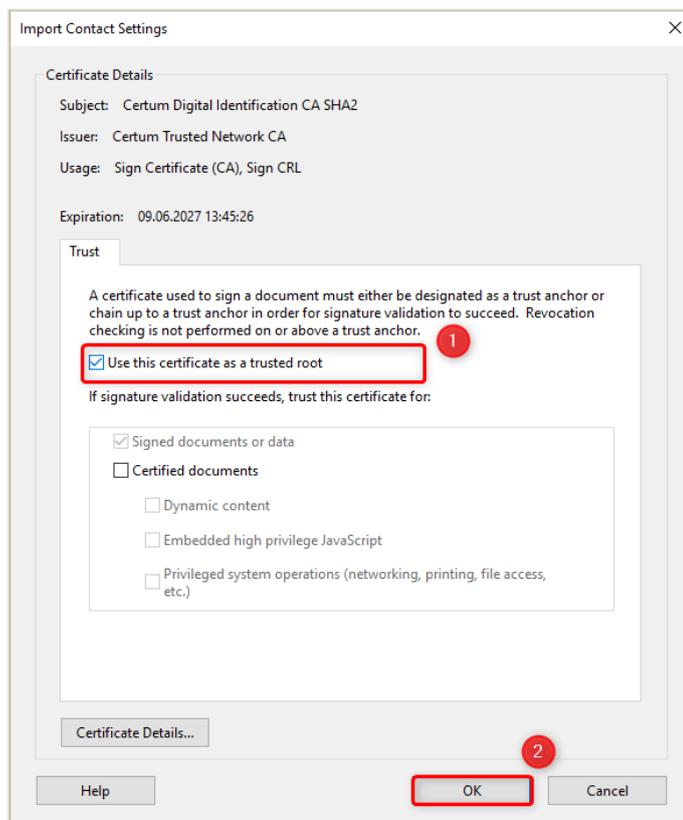
10. In the *Choose contacts to import* window please use the **Browse** button in the **Contacts section** to add the file with the public key downloaded from the Certum PCC website. Navigate to the folder where the CRT file was downloaded earlier in step 6, select the file and click **Open**.

11. In the **Contacts section** please click on the newly added "Certum Digital Identification CA SHA2" entry.

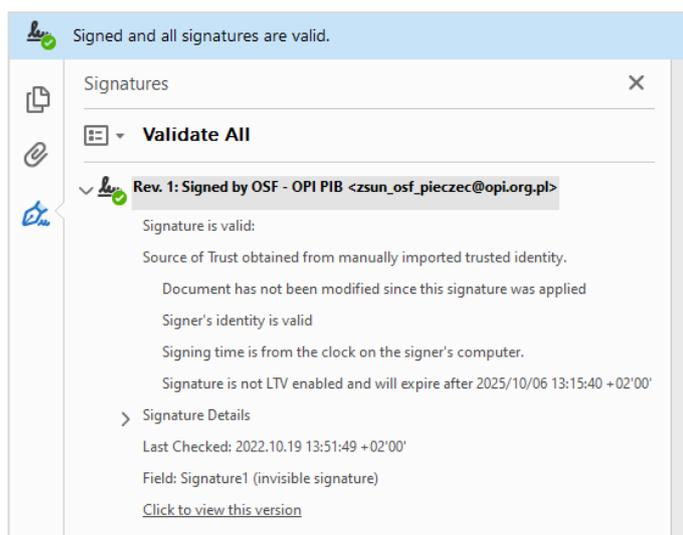
12. Do the same in the **Certificates section** and then choose **Trust**.



13. In the *Import contact Settings* window check **Use this certificate as a trusted root** option and accept by clicking **OK**.



14. After going back to *Choose contacts to import* window, please confirm the intent to import the public key by choosing **Import**. Acrobat Reader will confirm that the certificate has been imported. After re-opening, Acrobat Reader should no longer report problems while opening the PDF documents which have the OPI PIB seal attached.





Signature is VALID, signed by OSF - OPI PIB <zsun_osf_pieczec@opi.org.pl>.

Signing Time: 2022/10/18 06:55:39 +02'00'

Source of Trust obtained from manually imported trusted identity.

Validity Summary

The document has not been modified since this signature was applied.

The certifier has specified that Form Fill-in, Signing and Commenting are allowed for this document. No other changes are permitted.

The signer's identity is valid.

Signing time is from the clock on the signer's computer.

Signature was validated as of the signing time:
2022/10/18 06:55:39 +02'00'

Signer Info

The path from the signer's certificate to an issuer's certificate was successfully built.

The signer's certificate is valid and has not been revoked.

Show Signer's Certificate...

Advanced Properties...

Validate Signature

Close