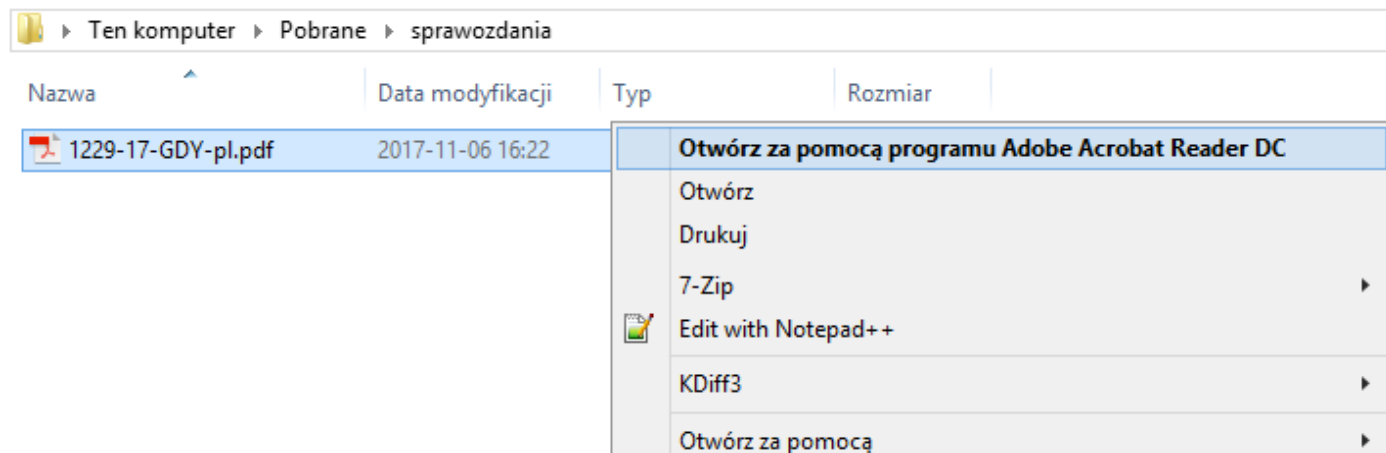


Digital signature verification guide

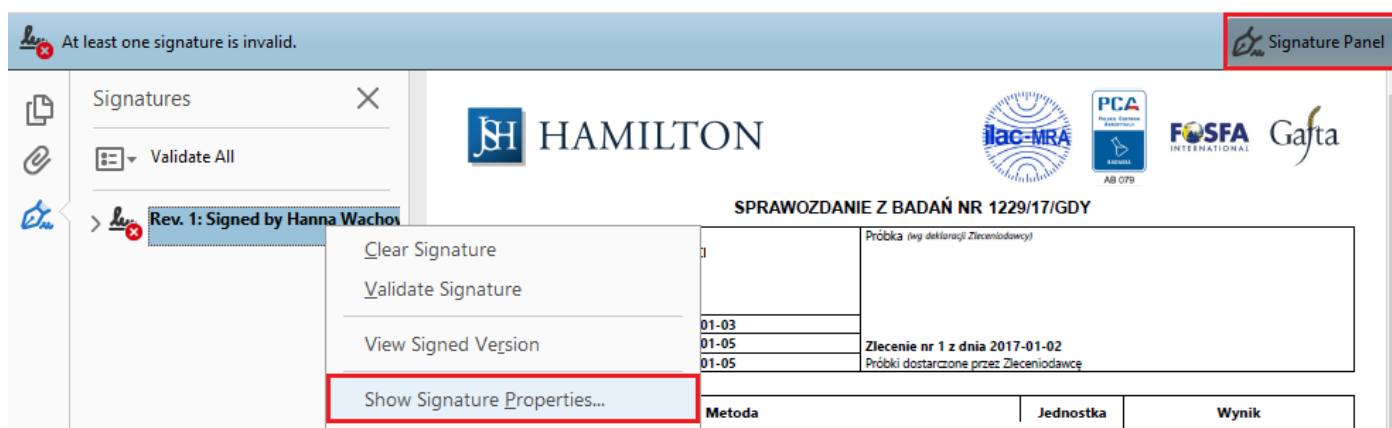
1. If you do not have Adobe Acrobat Reader installed on your computer, install it (you can download it from the Adobe Acrobat Reader website: <https://get.adobe.com/reader>).
2. Download the signed PDF with the electronic signature and open it with Adobe Acrobat Reader DC.



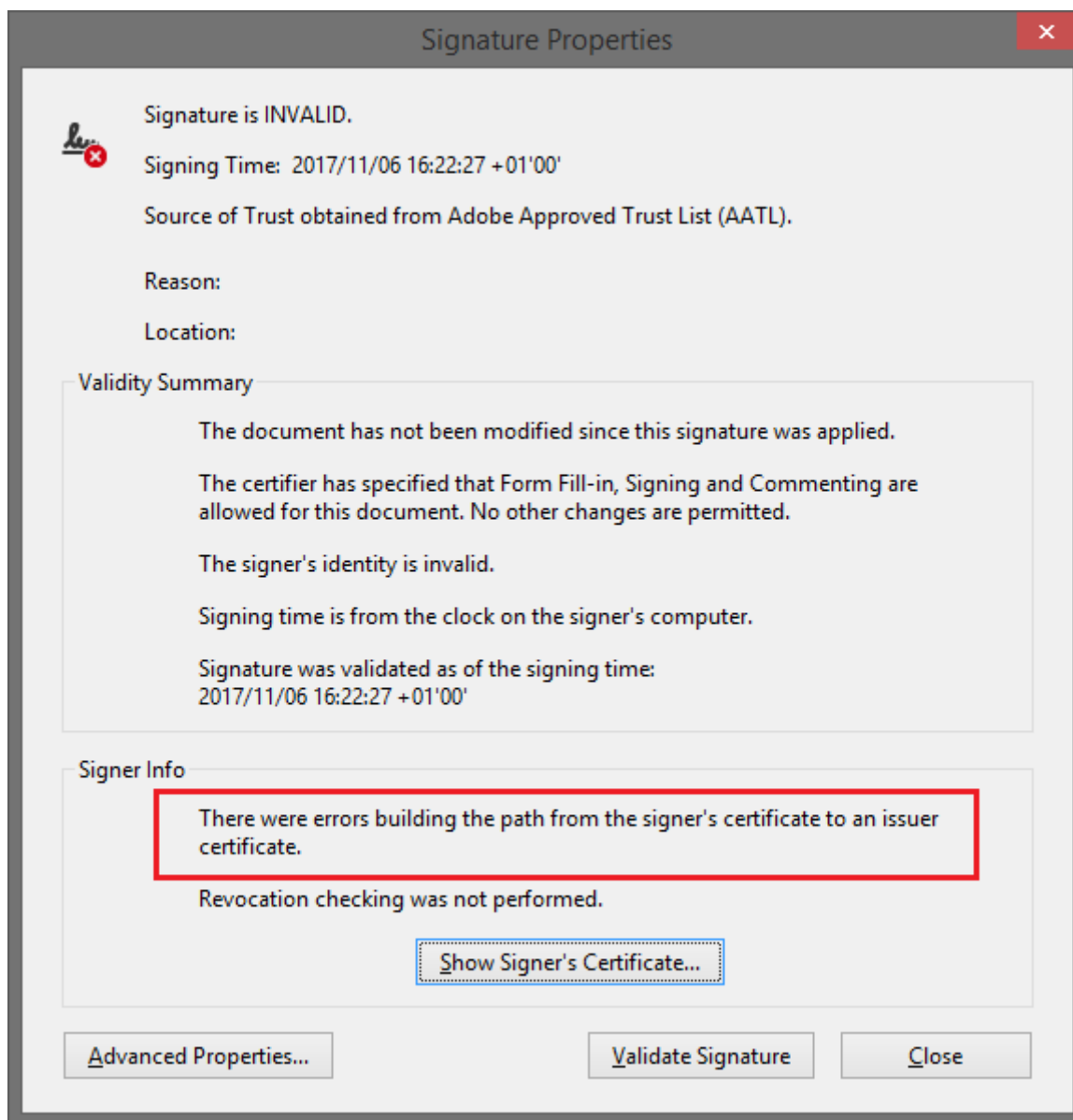
3. If you receive a message that reads "At least one signature is invalid." follow the steps below.



4. To see details of why the signature was found to be invalid click the "Signature Panel" and then right-click "Rev. 1: Signed by Hanna Wachowska..." and select "Show Signature Properties..."



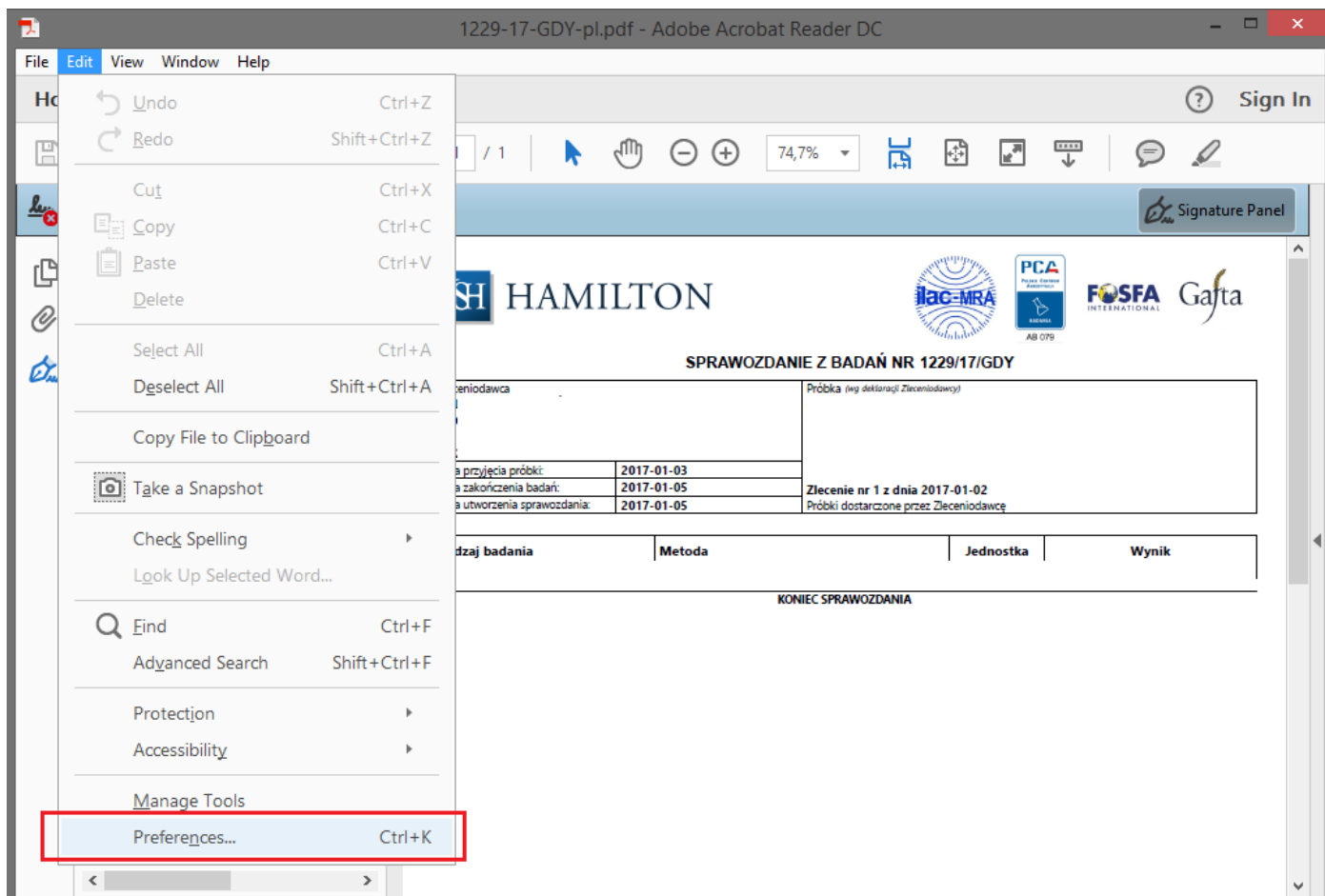
5. The signature properties window will appear. In the Signer Info section, the reason for the error is: "There were errors building the path from the signer's certificate to an issuer certificate."



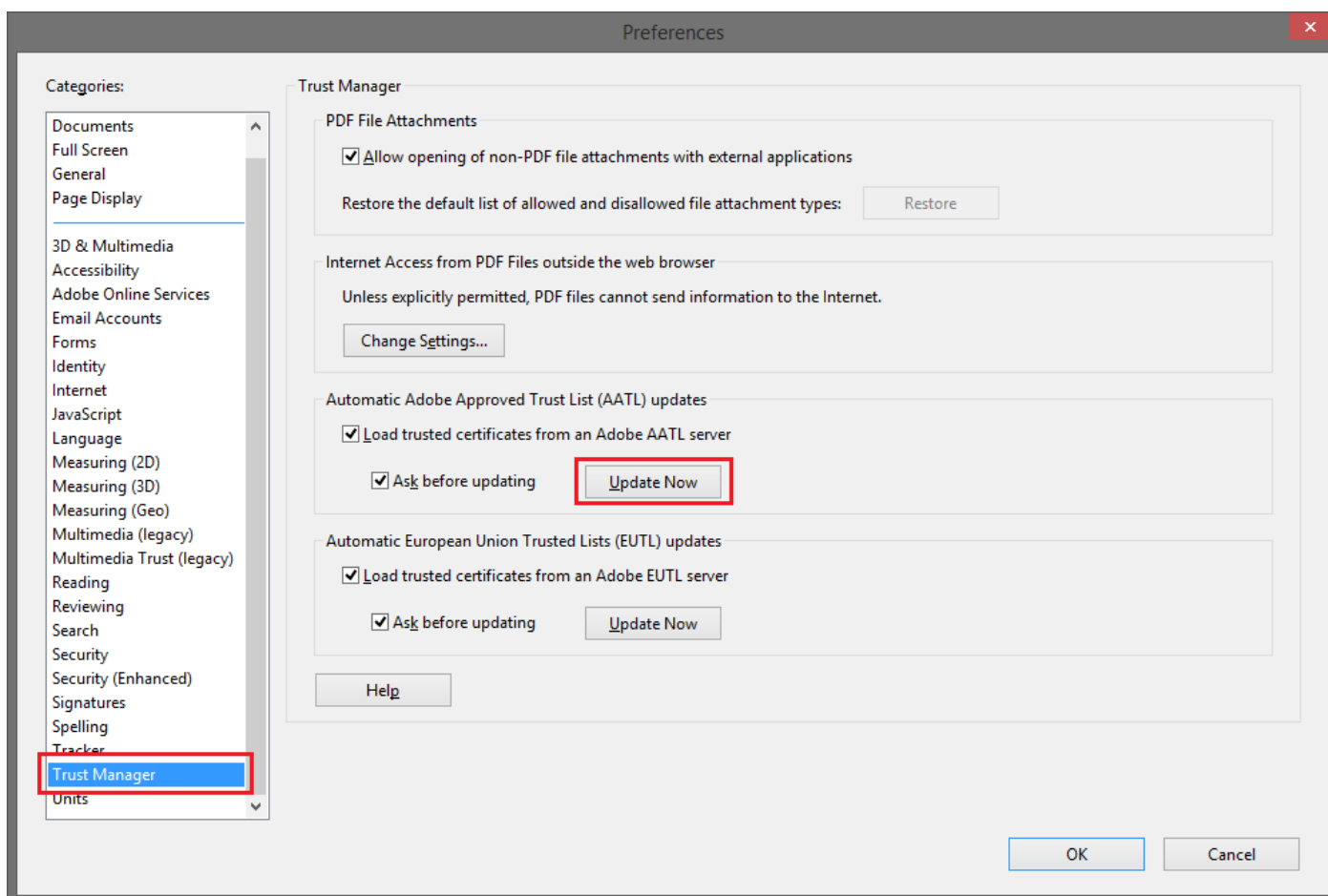
6. A message means that the signature is not compliant with the certificate policy on which it is verified. **In this case, the publisher's certificate is misrepresented in Adobe Acrobat Reader DC.**

Explanation:

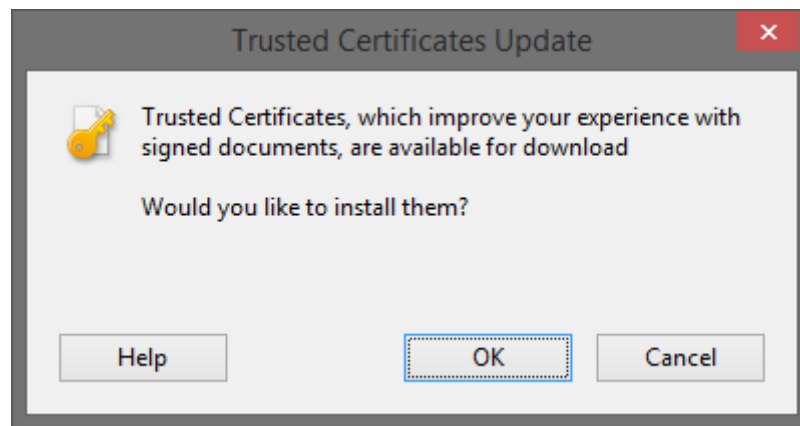
- a. The certificate to which the report is signed is issued by Certum (Certum Digital Identification CA SHA2), which according to the Certification Practice Statement (<https://www.certum.pl/pl/data/CCP-DK02-ZK02-Kodeks-Post%C4%99powania-Certyfikacyjnego-Niekwalifikowanych-Us-akt.pdf>) chapter **1.3.1.2. Pośrednie urzędy certyfikacji** specifies the certification policy identifiers:
 - i. 1.2.616.1.113527.2.5.1.6.11
 - ii. 1.2.616.1.113527.2.5.1.6.12
 - iii. 1.2.616.1.113527.2.5.1.6.13
 - iv. 1.2.616.1.113527.2.5.1.6.14
 - b. This certificate in Adobe Acrobat Reader DC only has one policy, which is the source of the invalid signature verification.
 - c. **Follow the steps below to properly set up the publisher's certificate.**
7. Open the "Edit" menu and select "Preferences..."



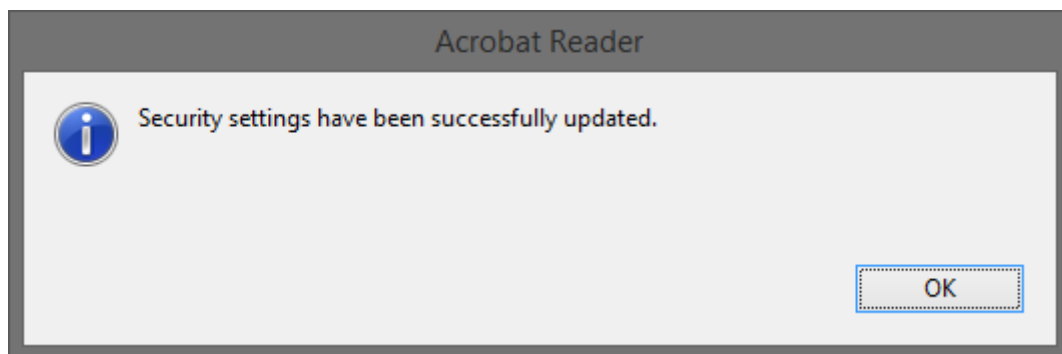
8. In the preferences window that appears, go to **Trust Manager**
 - a. In the Automatic Adobe Approved Trust List (AATL) updates section, click **Update Now**



- b. Confirm with **OK**

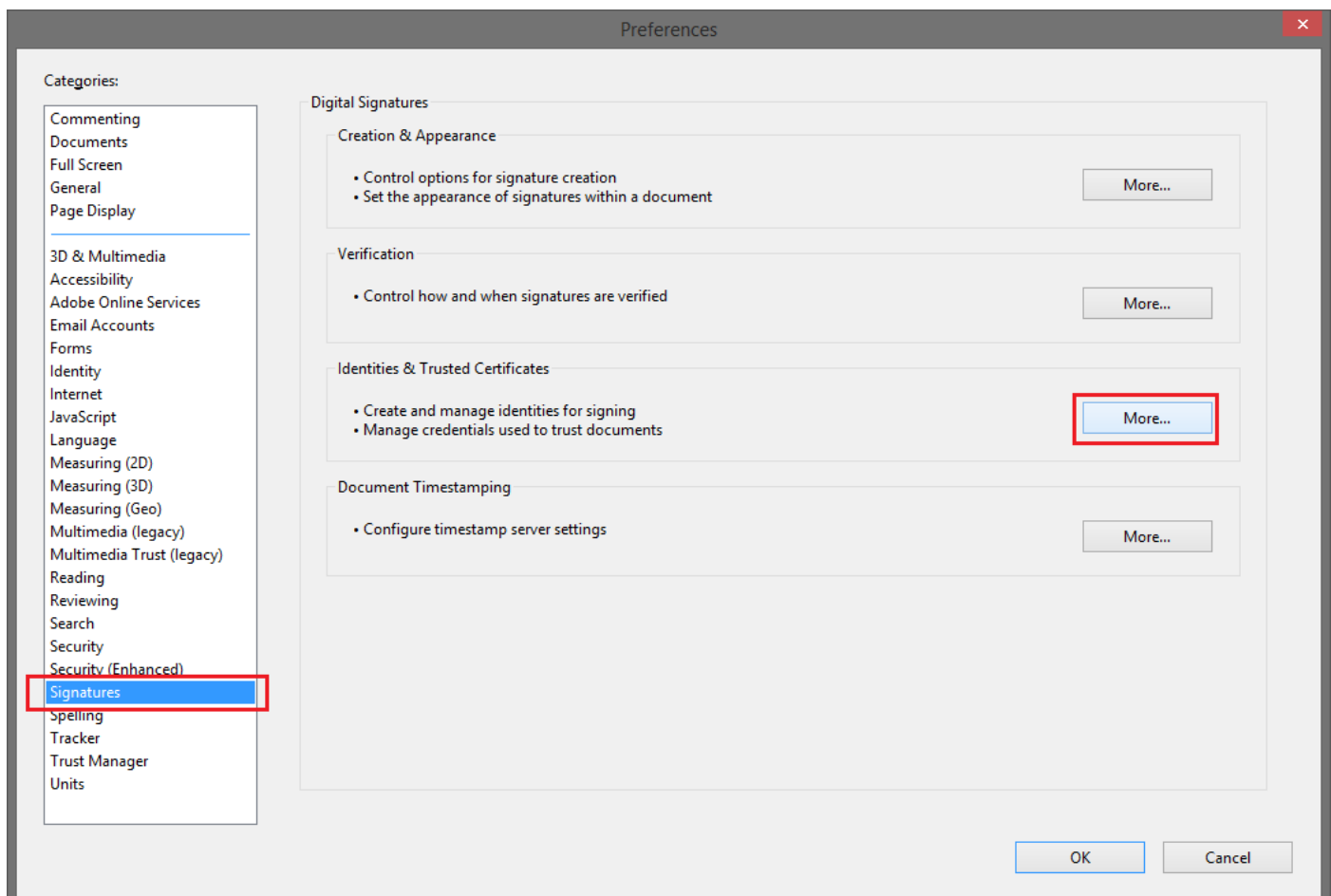


- c. After a few moments, you are prompted that the update has completed successfully

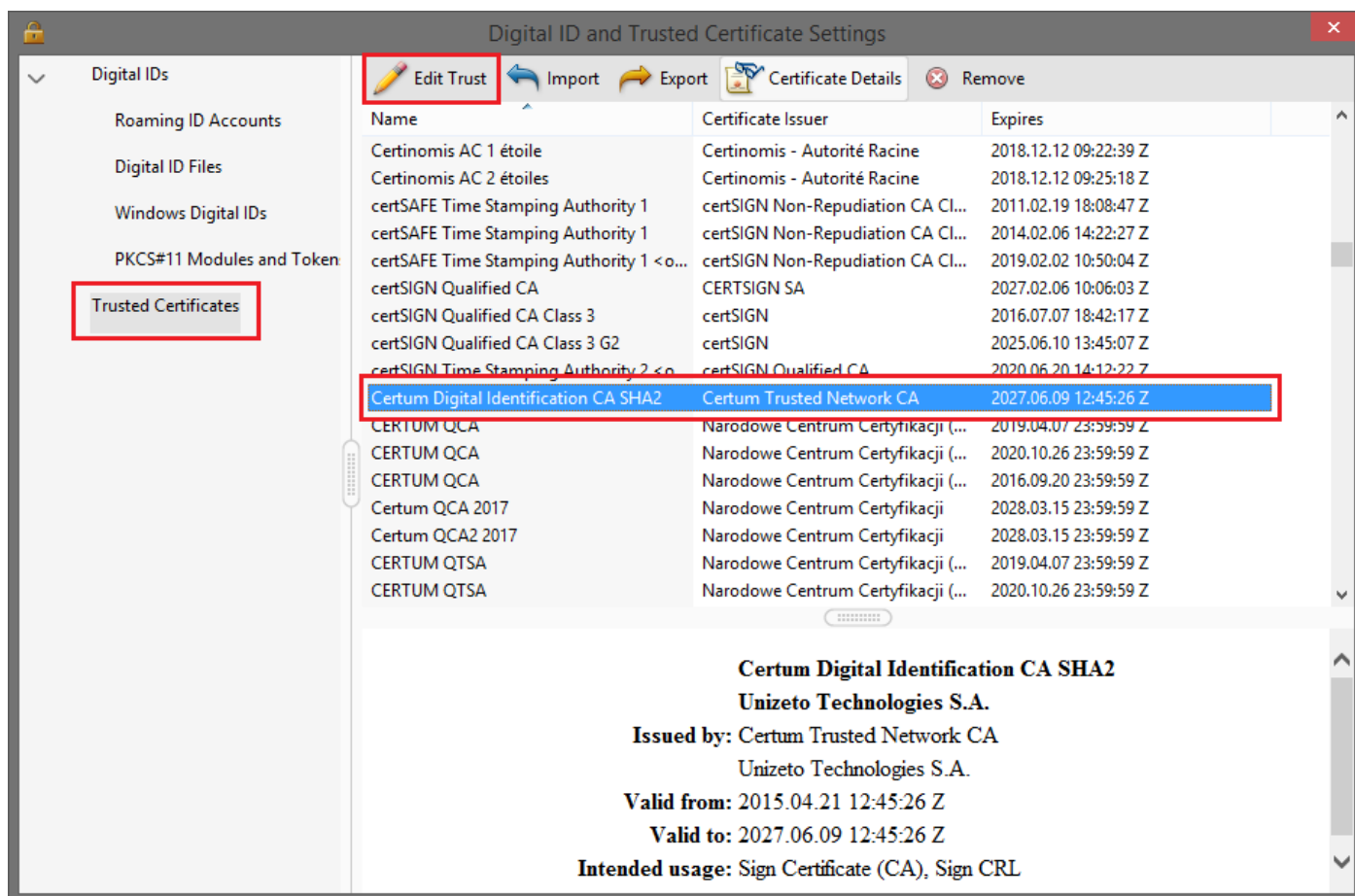


9. In the preferences window that appears, go to **Signatures**

- a. In the Identities & Trusted Certificates section, click **More...**

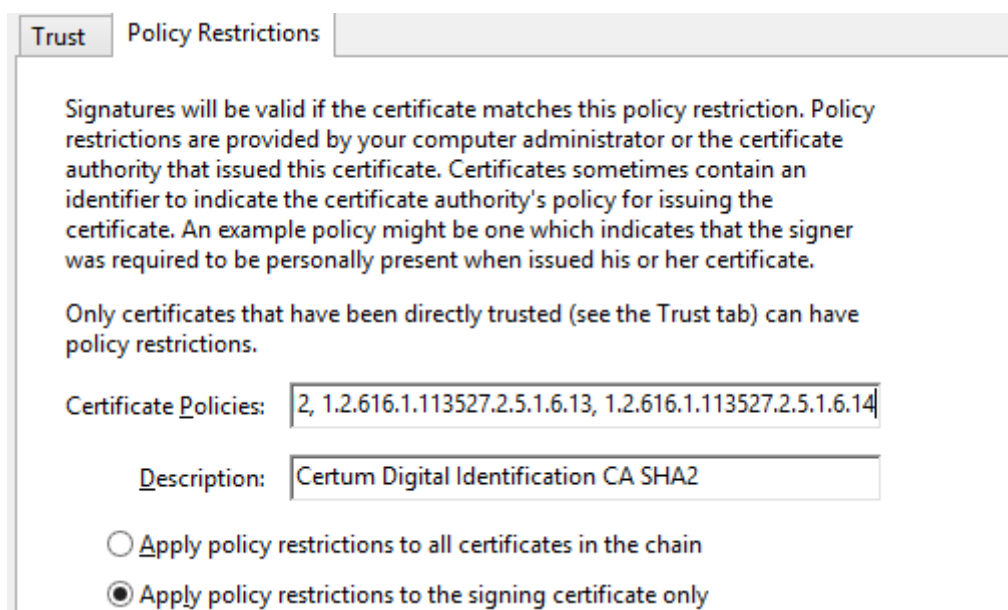


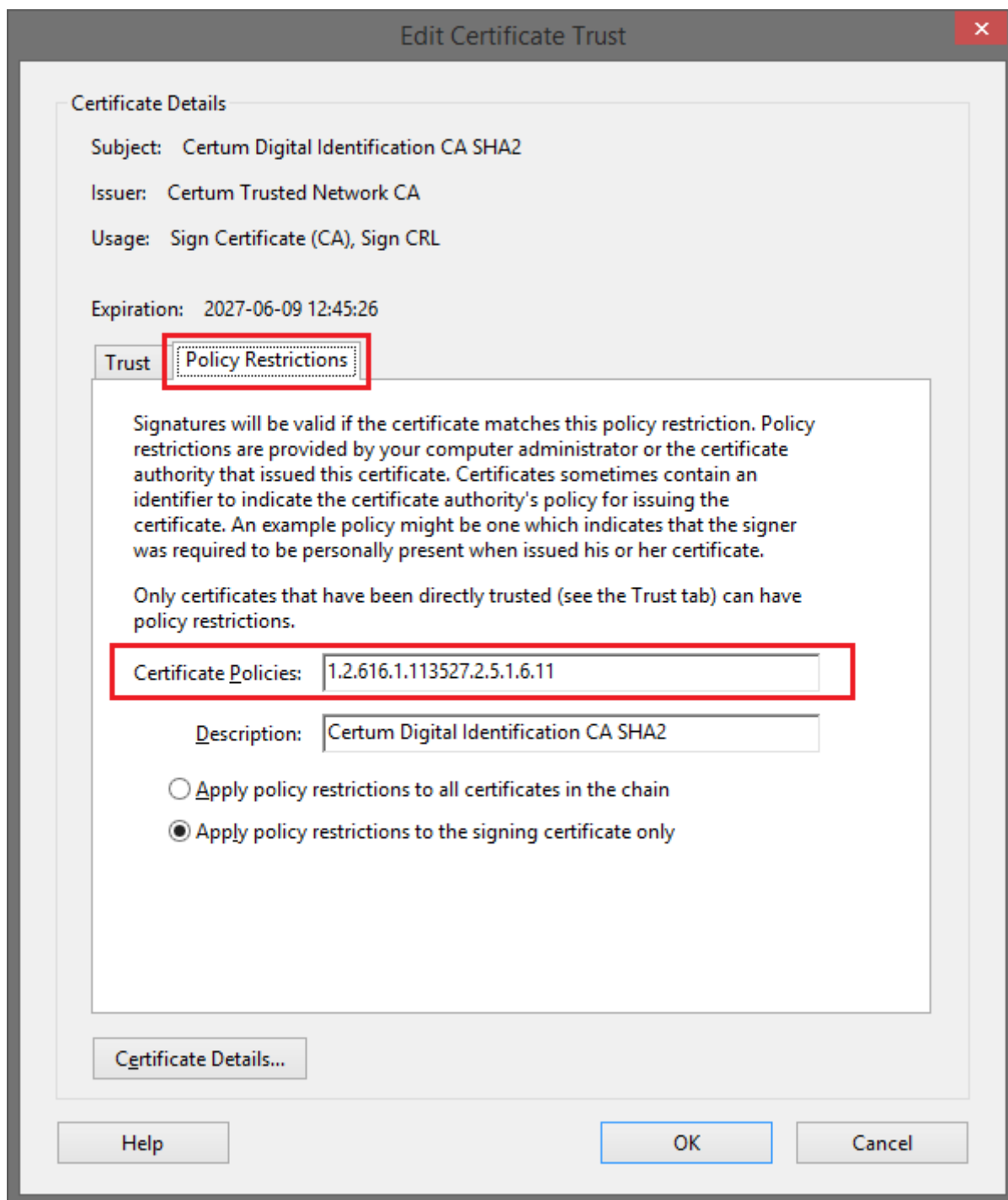
10. In the Digital ID and Trusted Certificate Setting window that appears, go to **Trusted Certificates**, search for **Certum Digital Identification CA SHA2**, and then click **Edit Trust**.



11. In the Edit Certificate Trust window that appears, go to the **Policy Restrictions** tab, and then in the **Certificate Policies** field, type a value and finish editing by clicking OK:

1.2.616.1.113527.2.5.1.6.11, 1.2.616.1.113527.2.5.1.6.12, 1.2.616.1.113527.2.5.1.6.13, 1.2.616.1.113527.2.5.1.6.14

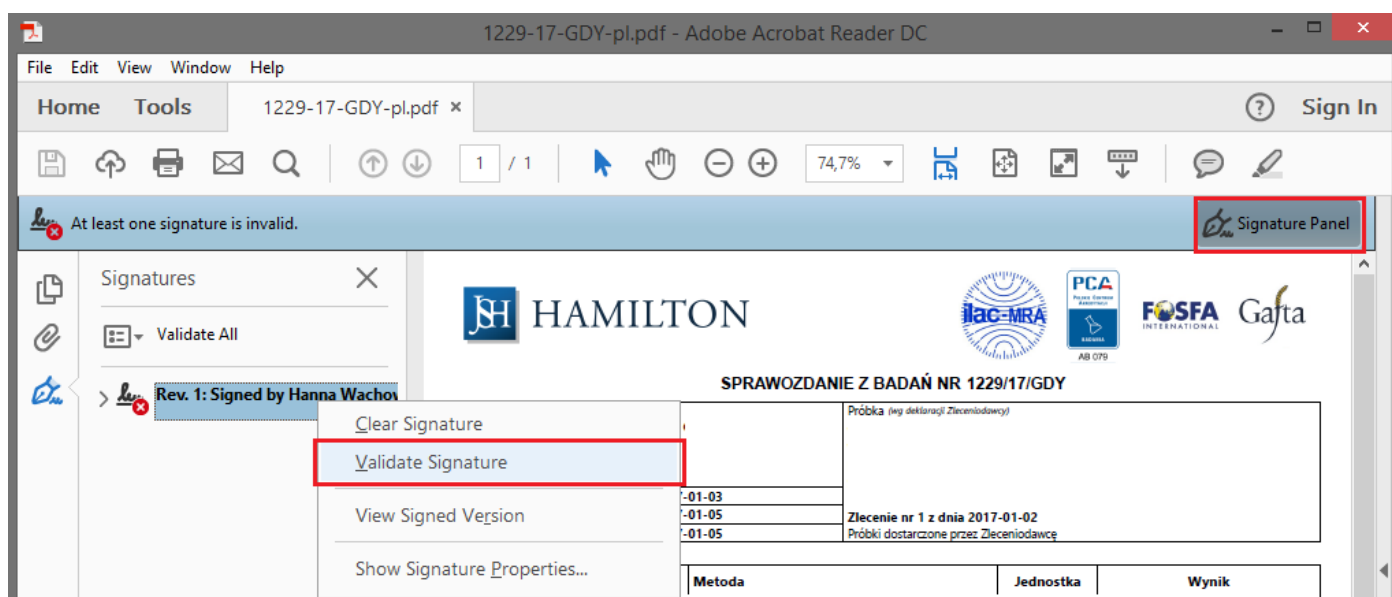




12. Close the window just now to return to the report
13. The program should automatically verify the signature again



14. If verification has not been resumed automatically, click on "**Signature Panel**" and then right-click "**Rev. 1: Signed by Hanna Wachowska...**" and select "**Validate Signature**".



15. After the verification is complete, the status of the signature is displayed - **signature is VALID**

