

Szafir for Windows

(User manual - version 1.1)



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To start using Szafir for Windows please ensure that following technical requirements are met:

- installed middleware for SmartCard that is to be used
- during signing process the SmartCard has to be inserted into corresponding slot in the reader and reader has to be connected to the computer

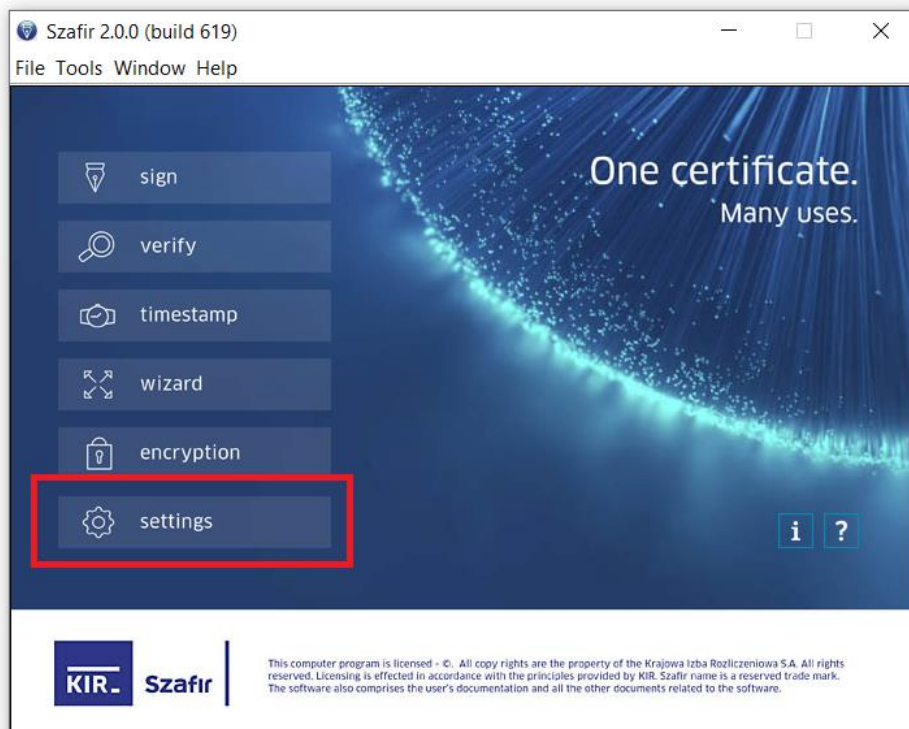
The installation process involves the following steps:

1. Please download Szafir application (available here: <https://www.elektronicznypodpis.pl/informacje/aplikacje/> as third position in section described as „Aplikacja Szafir do składania i weryfikacji podpisu elektronicznego”).
2. Please run newly downloaded installer (szafir.exe for 32-bit Windows or szafir_x64.exe for 64-bit Windows).
3. Please choose installer language.
4. Please choose „Next” in next four steps of installation.
5. Please choose „Install”.
6. Please choose „Finish”.

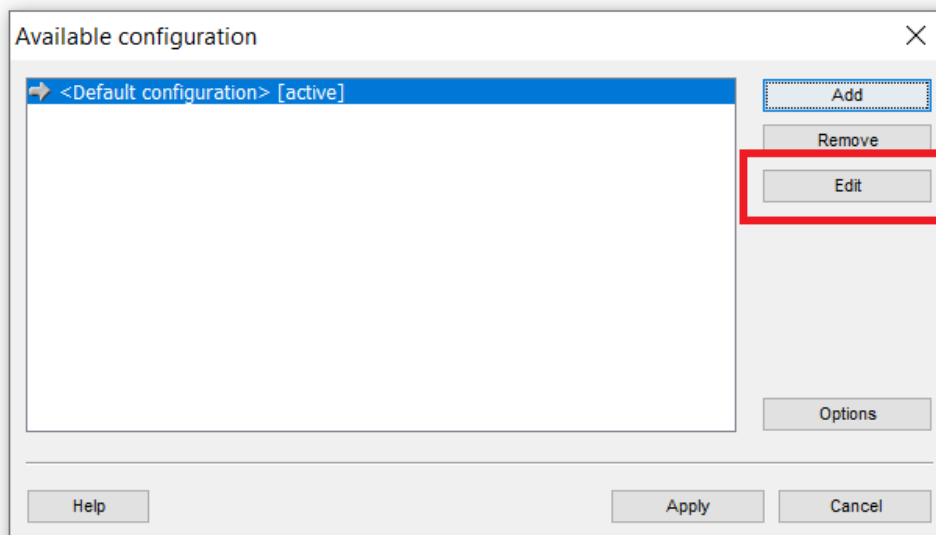


The configuration process involves the following steps:

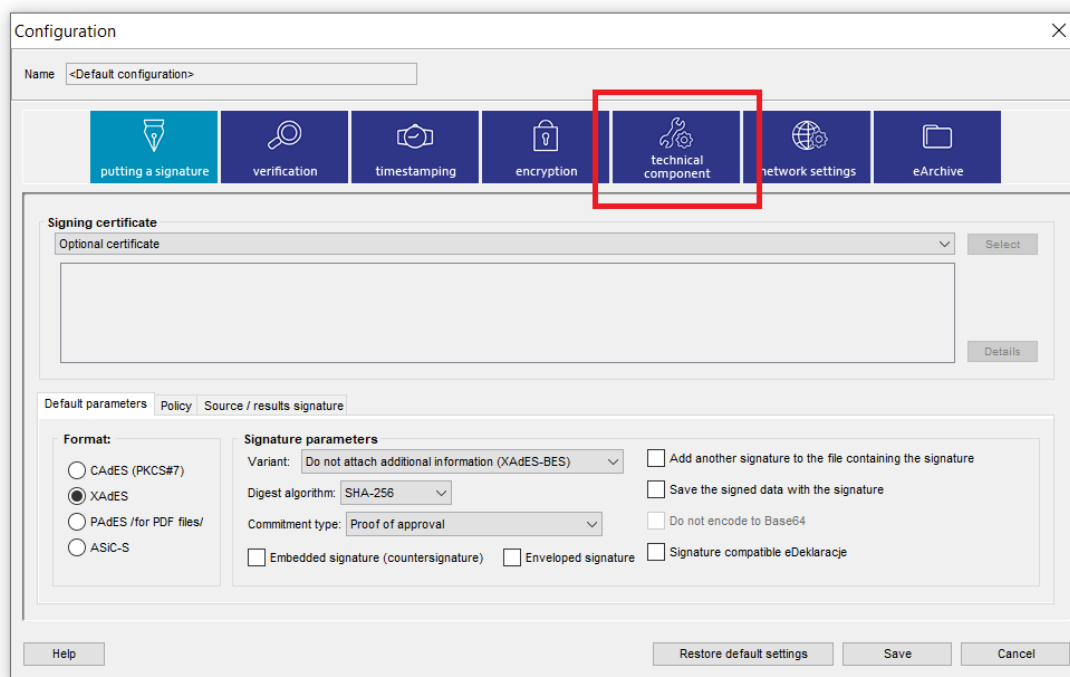
1. Please open Szafir and choose „Settings” in main menu.



2. Please click „Edit”.

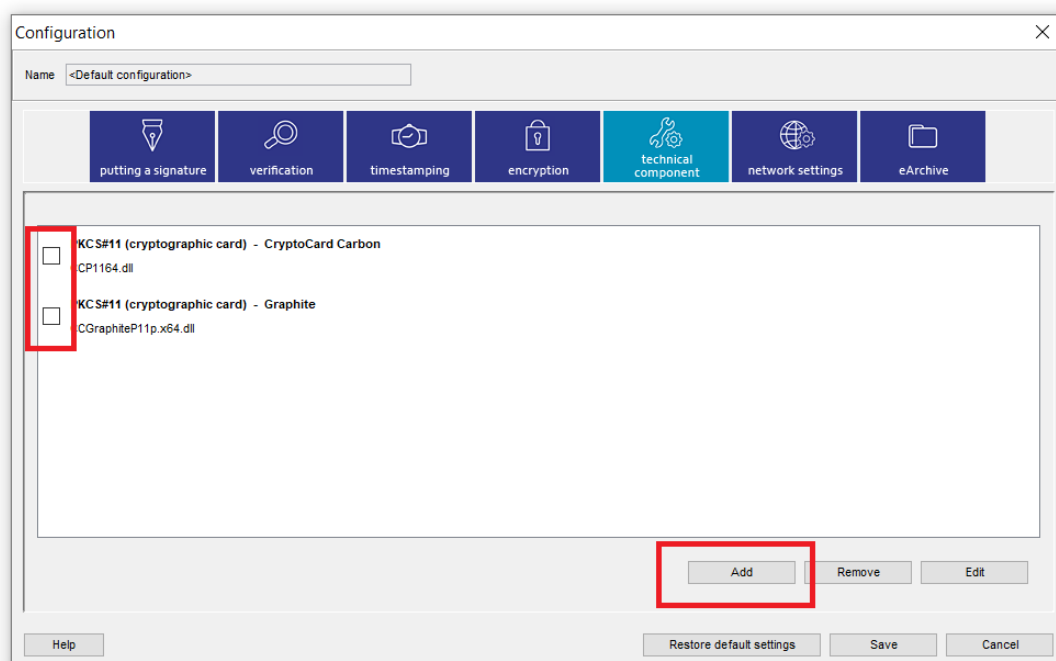


3. Please choose „Technical component”.



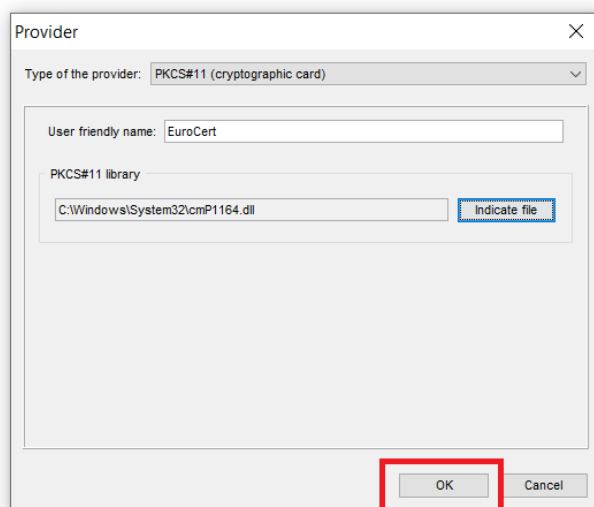
The screenshot shows the 'Configuration' window with the 'technical component' tab highlighted by a red box. The window has a title bar with a close button. Below the title bar is a 'Name' field containing '<Default configuration>'. A row of seven icons represents different functions: 'putting a signature', 'verification', 'timestamping', 'encryption', 'technical component' (highlighted), 'network settings', and 'eArchive'. Below this row is a 'Signing certificate' section with a dropdown menu set to 'Optional certificate' and a 'Select' button. The main area is divided into two tabs: 'Default parameters' (active) and 'Policy / Source / results signature'. Under 'Default parameters', there are two sections: 'Format' with radio buttons for 'CADES (PKCS#7)', 'XAdES' (selected), 'PADES /for PDF files/', and 'ASIC-S'; and 'Signature parameters' with a 'Variant' dropdown set to 'Do not attach additional information (XAdES-BES)', a 'Digest algorithm' dropdown set to 'SHA-256', a 'Commitment type' dropdown set to 'Proof of approval', and several checkboxes for 'Add another signature to the file containing the signature', 'Save the signed data with the signature', 'Do not encode to Base64', 'Embedded signature (countersignature)', 'Enveloped signature', and 'Signature compatible eDeklaracje'. At the bottom are buttons for 'Help', 'Restore default settings', 'Save', and 'Cancel'.

4. Please ensure that all available options are unchecked and then click „Add”.



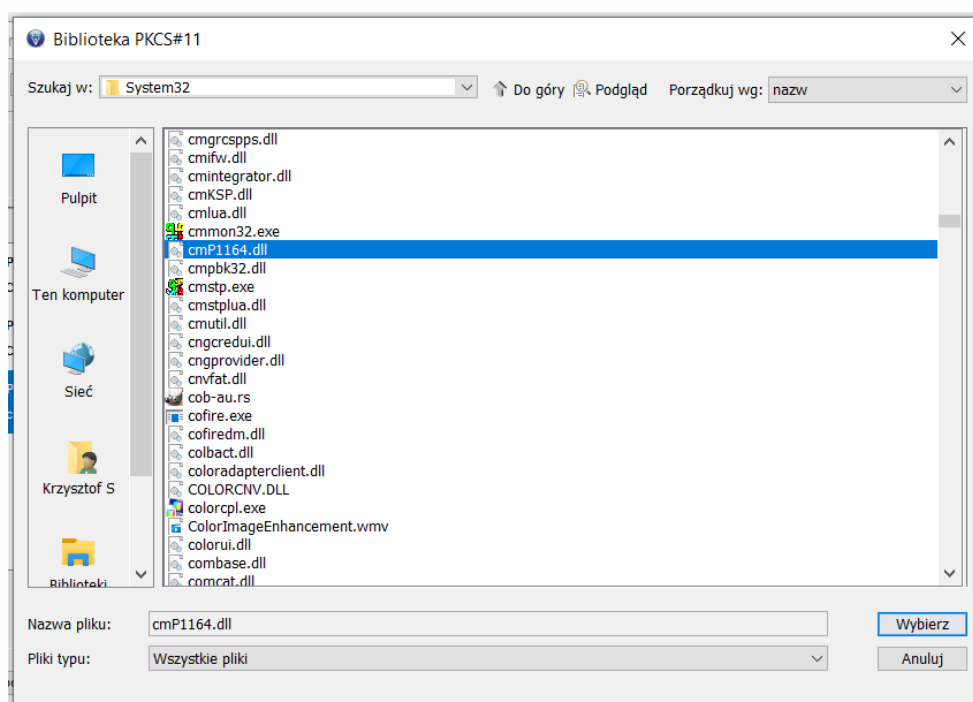
The screenshot shows the 'Configuration' window with the 'technical component' tab selected. The window has a title bar with a close button. Below the title bar is a 'Name' field containing '<Default configuration>'. A row of seven icons represents different functions: 'putting a signature', 'verification', 'timestamping', 'encryption', 'technical component' (highlighted), 'network settings', and 'eArchive'. Below this row is a list of two items, each with an unchecked checkbox: 'KCS#11 (cryptographic card) - CryptoCard Carbon CP1164.dll' and 'KCS#11 (cryptographic card) - Graphite CGraphiteP11p.x64.dll'. At the bottom right, the 'Add' button is highlighted by a red box. Other buttons at the bottom include 'Remove', 'Edit', 'Help', 'Restore default settings', 'Save', and 'Cancel'.

5. Please enter preferred user friendly name (eg. EuroCert) and then click „Indicate file” to choose correct library.

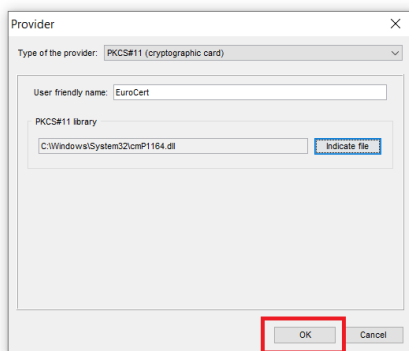


6. Please indicate the file by clicking first on the forward slash in the upper-left corner of the window, then please choose the following path:

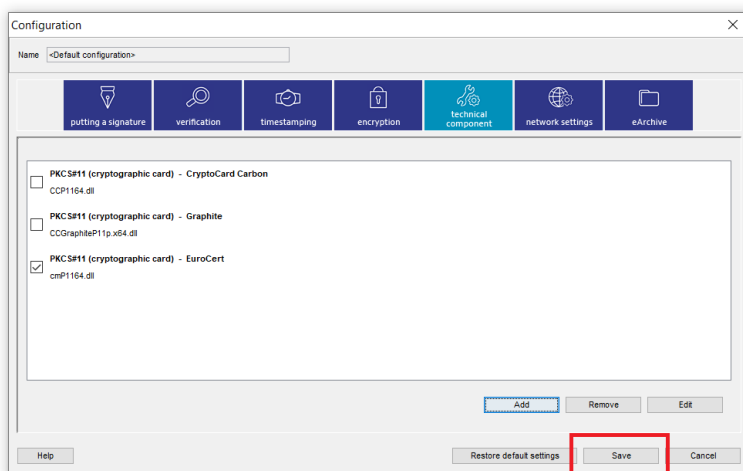
- for **signature with cryptographic device**: C:\Windows\System32\cmP1164.dll or cmP11.dll
- for **cloud signature with ECSigner**: C:\Users\Public\ECSIGNER\PKCS11\32\ECSPKCS11.dll



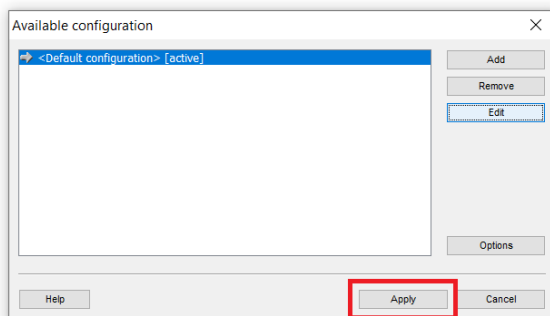
7. Confirm the changes made in the configuration with the "OK" button.



8. Confirm the changes made in the configuration with the "Save" button.



9. Confirm the changes made in the configuration with the "Apply" button.



10. Please close and reopen the Szafir application to start using the qualified signature.