

## Szafir configuration for macOS



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## 1. Installing application

To start using Szafor for macOS please ensure that following technical requirements are met:

1. installed Java Runtime Environment (available on <https://java.com>)
2. installed middleware for SmartCard that is to be used
3. 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:

Please download Szafor application (available here: [elektronicznypodpis.pl](https://elektronicznypodpis.pl) as third position in section described as „Aplikacja Szafor do składania i weryfikacji podpisu elektronicznego”).

Please decompress szafor\_mac.zip file if this wasn't done automatically (output filename will be szafor\_XYZ.jar but instead of XYZ there will be three digit number describing version eg. 619).

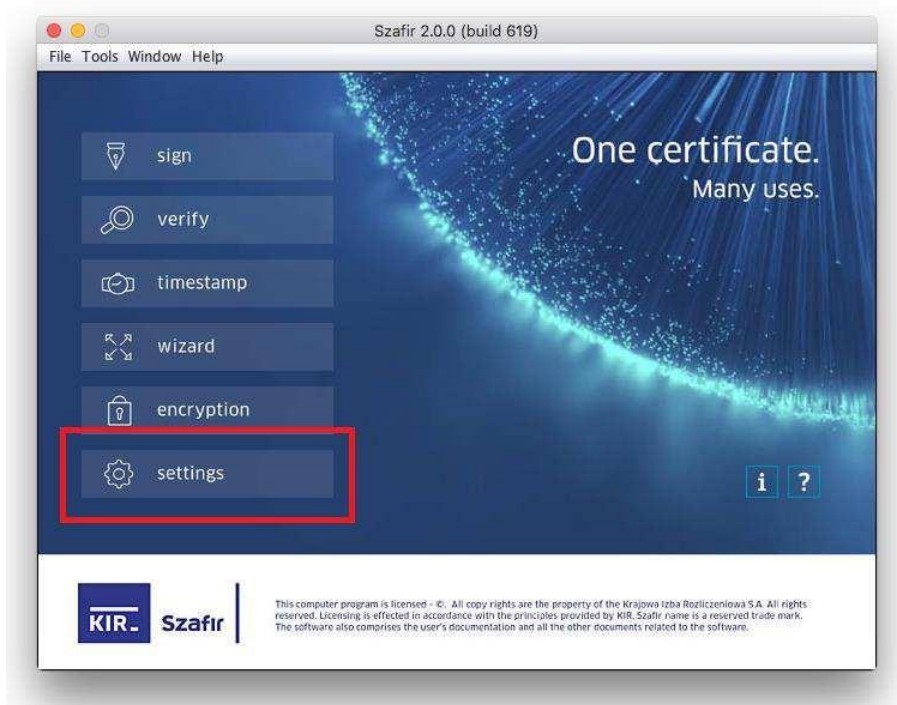
Please move szafor\_XYZ.jar to preferred location (eg. Applications on system drive).

Please open szafor\_XYZ.jar via double click.

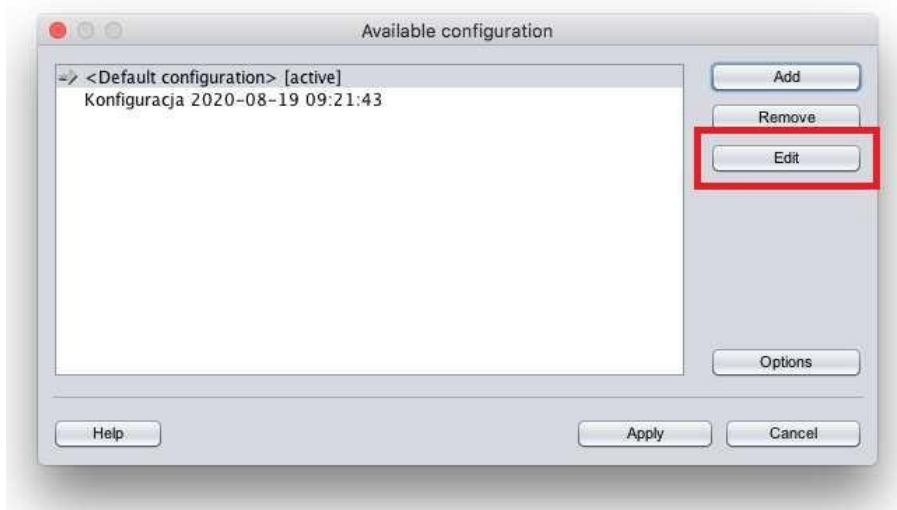
If the operating system displays an error regarding inability to open the file please right-click on the file Szafor\_XYZ.jar (manual available here: <https://support.apple.com/en-us/HT204895>) and choose Open while holding Alt/Option key on computer's keyboard.

## 2. Configuration settings

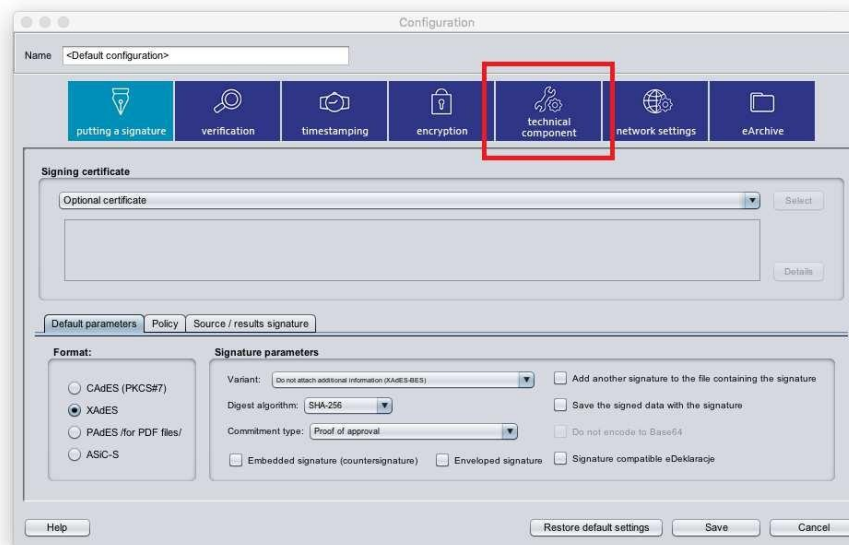
1. Please open Szafor and choose „Settings” in main menu.



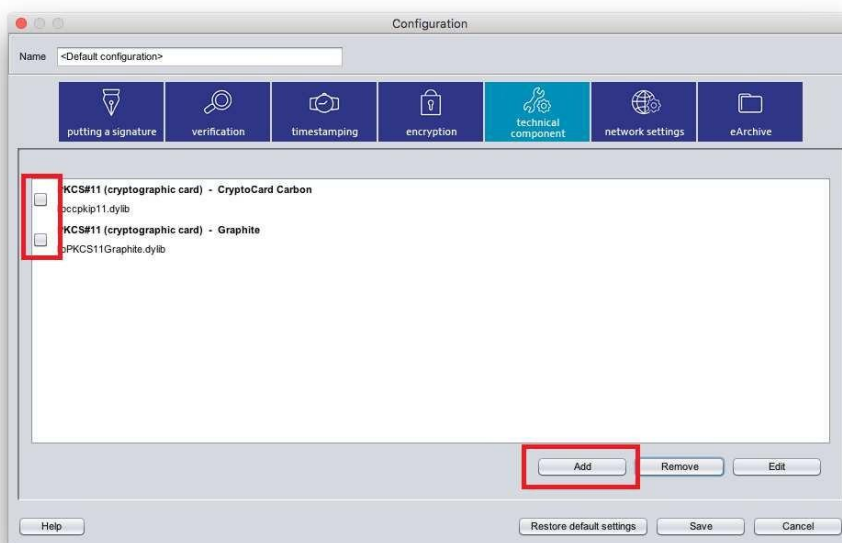
2. Please click „Edit”.



3. Please choose „Technical component”.

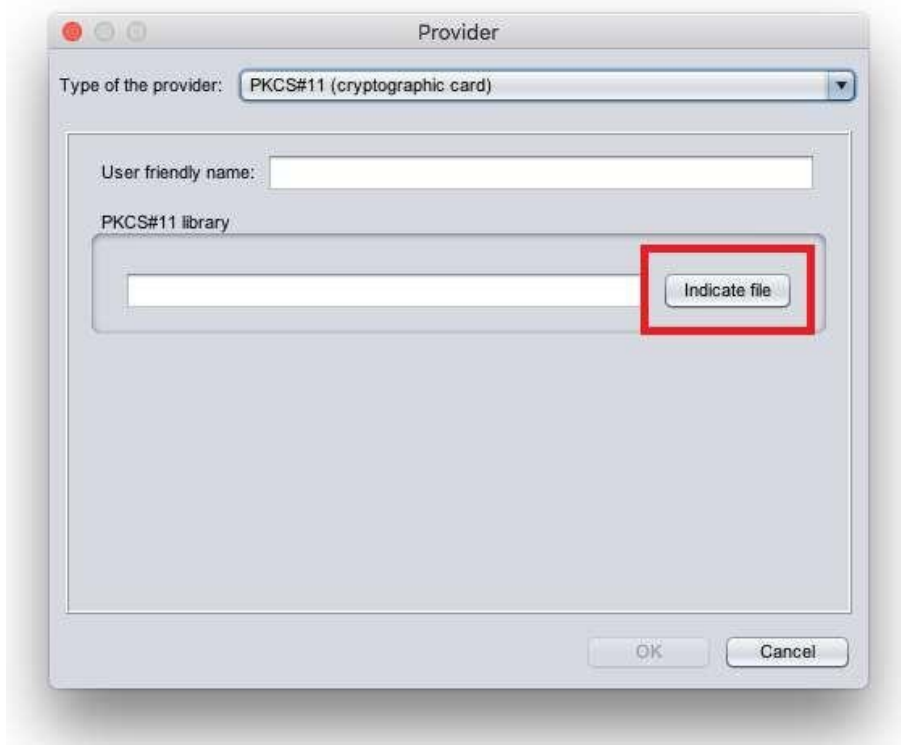


4. Please ensure that all available options are unchecked and then click „Add”.



5. Please enter preferred user friendly name (eg. EuroCert) and then click

6. „Indicate file” to choose correct library.



### 3. Indicate the cryptographic library

#### 3.1. Cryptographic device

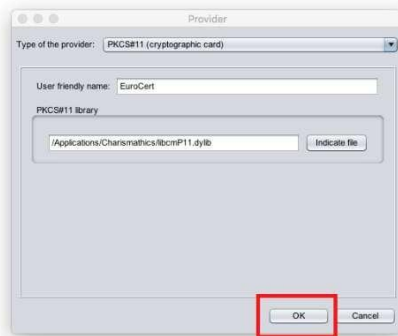
**/Applications/Charismathics/libcmP11.dylib** and click „Select” to confirm.

#### 3.2. Qualified ESigner cloud signature

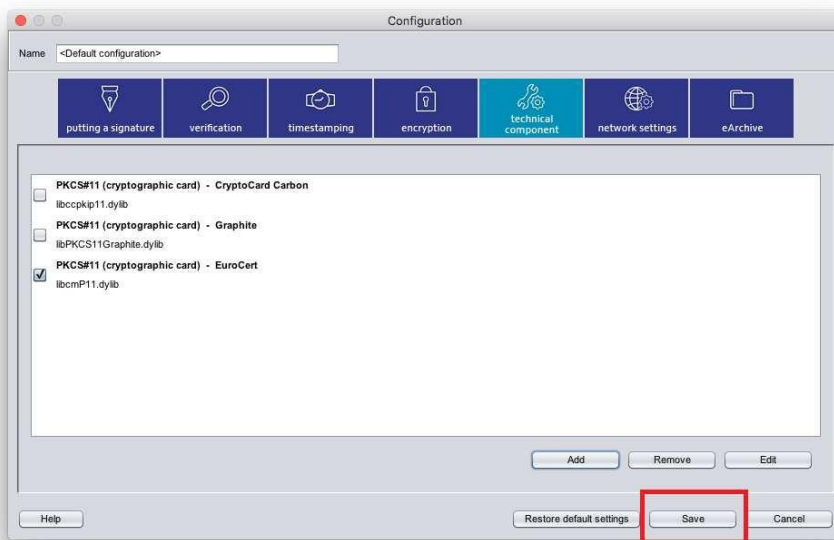
**/Library/Application Support/ECSigner/ECSPKCS11.dylib** and click „Select” to confirm.

### 4. Save changes

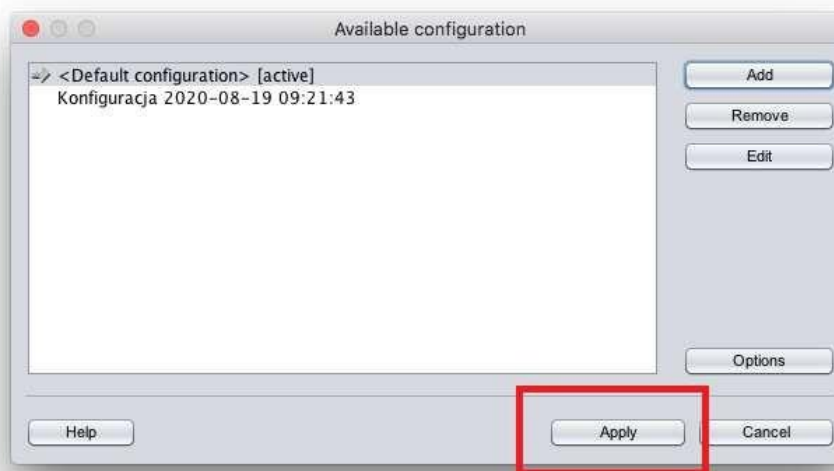
1. Confirm the changes made in the configuration with the "OK" button.



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



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



4. Please close and reopen the Szafr application to start using the qualified signature.