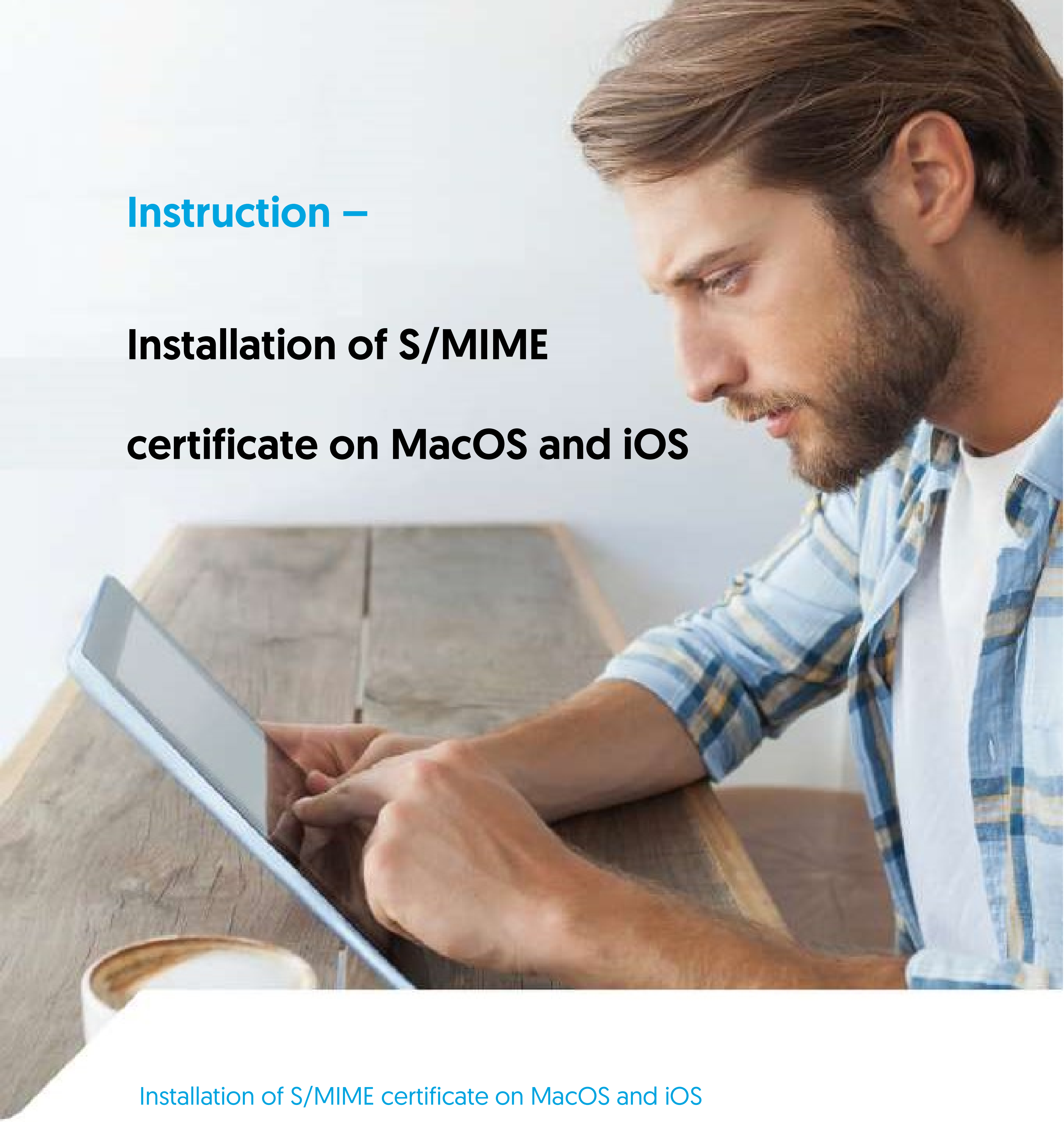
Instruction –

Installation of S/MIME certificate on MacOS and iOS



Installation of S/MIME certificate on MacOS and iOS

wersja 1.1

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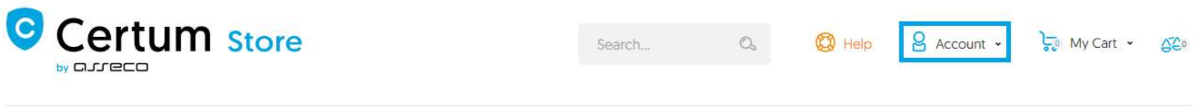
1. Product description

Protect your email privacy by signing and encrypting communication, using Certum S/MIME Certificates. Thanks to the unique signature function, you will be certain that emails sent by you are well protected against potential leaks or modification. You will also assure the recipient of your identity.

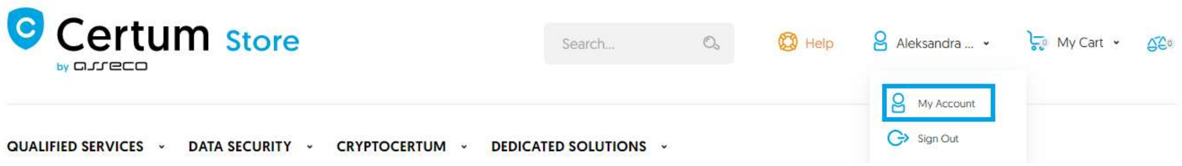
2. Installation of S/MIME certificate on Mac OS

To implement the certificate in an email program it is necessary to have access to the pfx/p12 file.

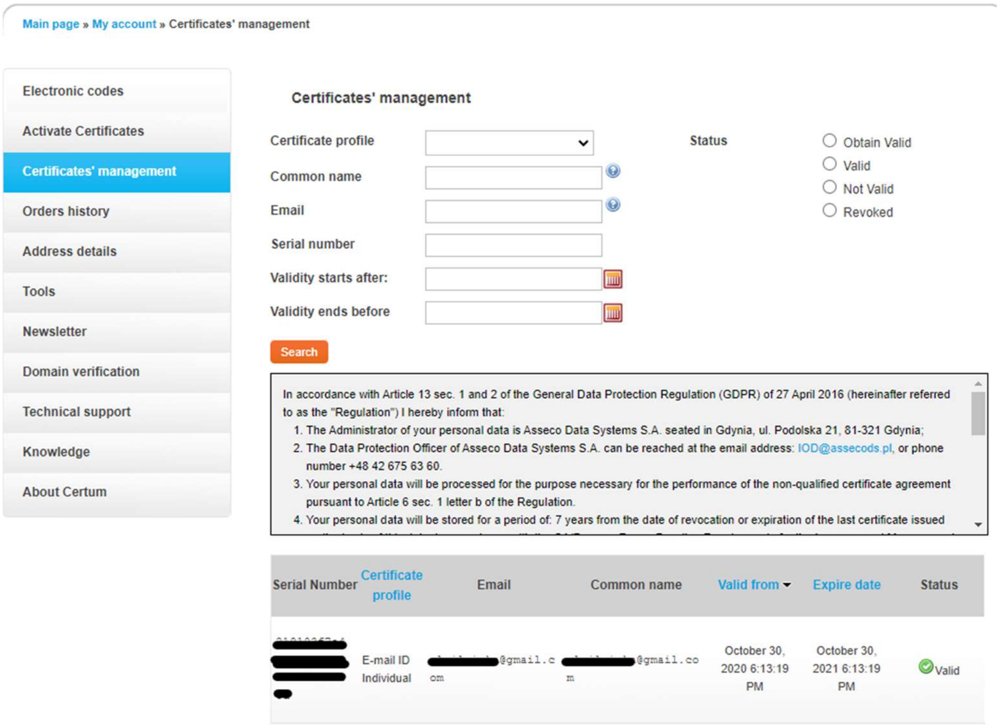
Log in to https://certum.store/



Click on Your Account.



Once you are in the customer panel, select the Manage Certificates/Certificate Management section. Here you can see a list of issued certificates. Find your certificate and click on it.



Certificates' management

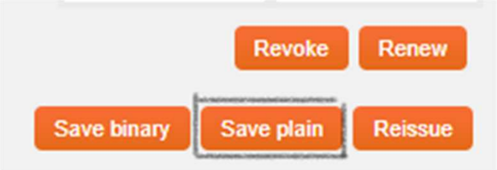
Certificate profile		Status	○ Obtain Valid ○ Valid ○ Not Valid ○ Revoked
Common name			
Email			
Serial number			
Validity starts after:			
Validity ends before			

In accordance with Article 13 sec. 1 and 2 of the General Data Protection Regulation (GDPR) of 27 April 2016 (hereinafter referred to as the "Regulation") I hereby inform that:

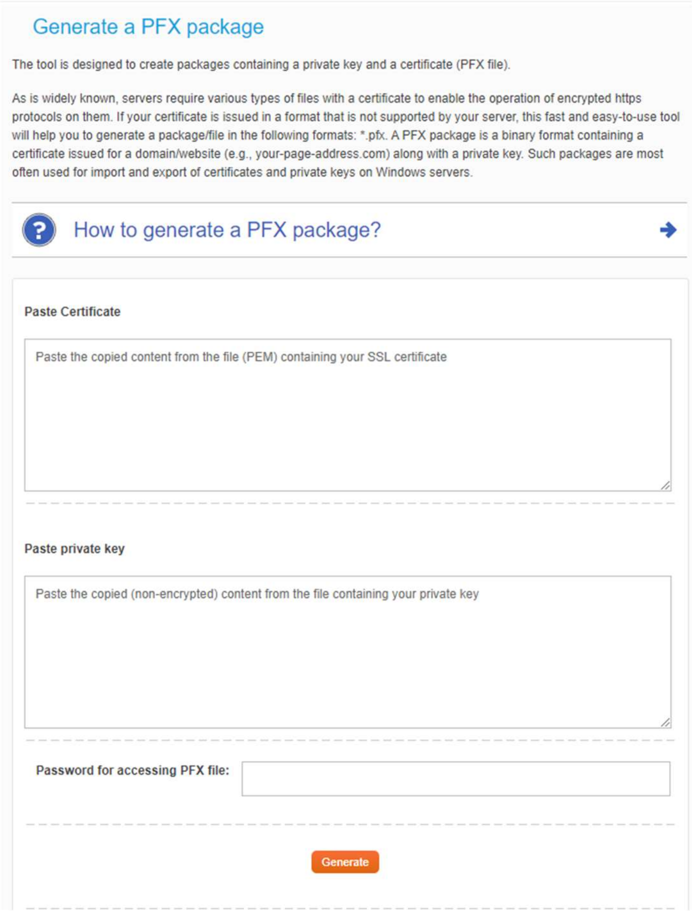
1. The Administrator of your personal data is Asseco Data Systems S.A. seated in Gdynia, ul. Podolska 21, 81-321 Gdynia;
2. The Data Protection Officer of Asseco Data Systems S.A. can be reached at the email address: IOD@assecods.pl, or phone number +48 42 675 63 60.
3. Your personal data will be processed for the purpose necessary for the performance of the non-qualified certificate agreement pursuant to Article 6 sec. 1 letter b of the Regulation.
4. Your personal data will be stored for a period of: 7 years from the date of revocation or expiration of the last certificate issued

Serial Number	Certificate profile	Email	Common name	Valid from	Expire date	Status
[redacted]	E-mail ID Individual	[redacted]@gmail.com	[redacted]@gmail.com	October 30, 2020 6:13:19 PM	October 30, 2021 6:13:19 PM	✓ Valid

Go to the certificate you purchased and select the Save plain:



After saving the certificate go to Tools -> PFX generator .Paste the content of the certificate into the field with the certificate, i.e. the text that starts with (-- BEGIN ...) (if you cannot open in this format right-click on the certificate -> open in application -> other -> TextEdit) then do the same with the content of the private key below. You will also be asked to create a password that will protect your PFX file and click Generate.



Generate a PFX package

The tool is designed to create packages containing a private key and a certificate (PFX file).

As is widely known, servers require various types of files with a certificate to enable the operation of encrypted https protocols on them. If your certificate is issued in a format that is not supported by your server, this fast and easy-to-use tool will help you to generate a package/file in the following formats: *.pfx. A PFX package is a binary format containing a certificate issued for a domain/website (e.g., your-page-address.com) along with a private key. Such packages are most often used for import and export of certificates and private keys on Windows servers.

How to generate a PFX package?

Paste Certificate

Paste the copied content from the file (PEM) containing your SSL certificate

Paste private key

Paste the copied (non-encrypted) content from the file containing your private key

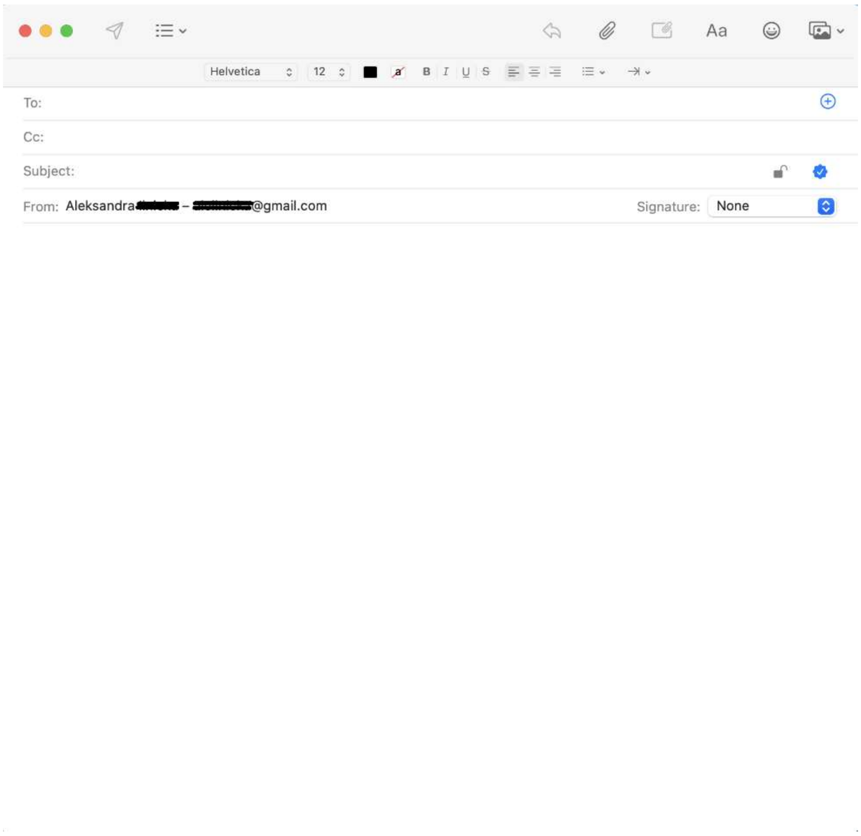
Password for accessing PFX file:

Generate

Once the pfx file is generated, double-click on it and install it in Login in the Keychain.

After installation the certificate will be visible in My certificates.

Open Mail. In a new message the certificate should load itself and you will see two new icons:



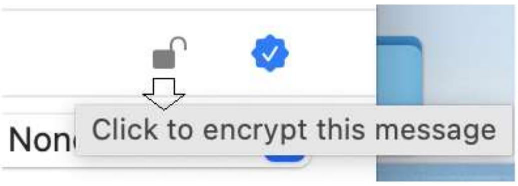
To:

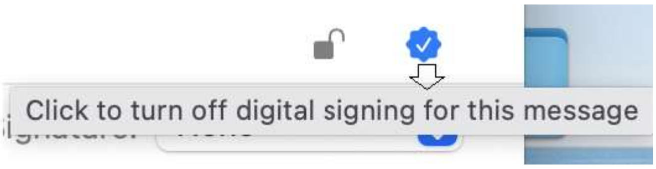
Cc:

Subject:

From: Aleksandra[redacted] – [redacted]@gmail.com

Signature: None

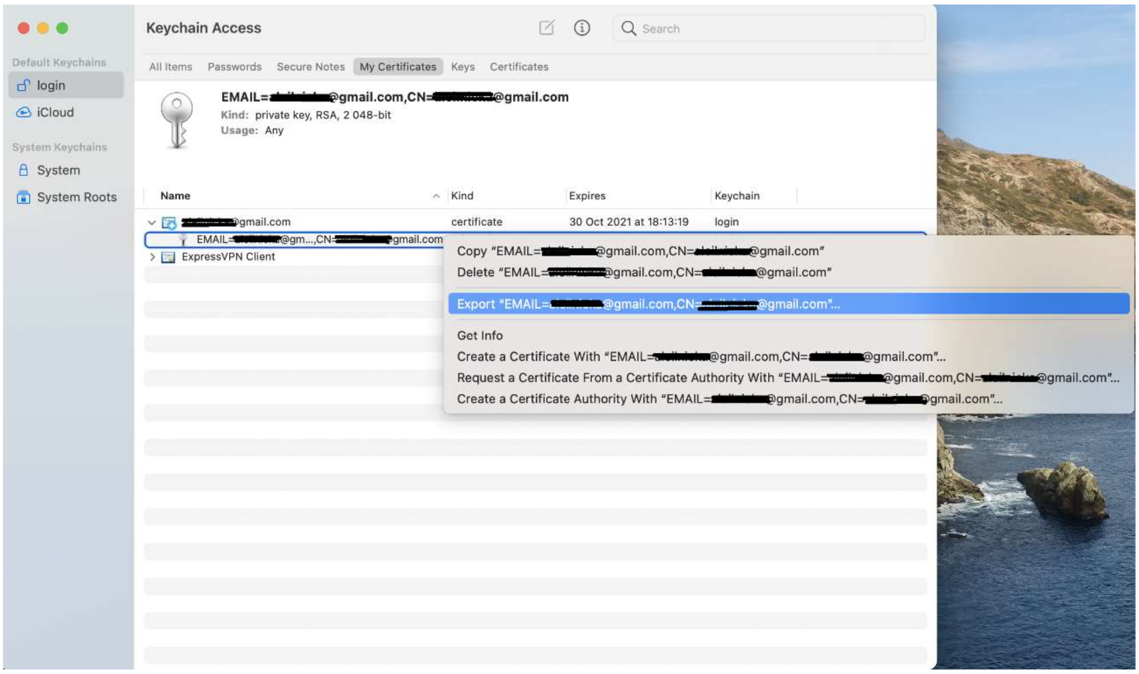




The certificate is installed correctly and is working.

3. Installation of S/MIME certificate on iOS

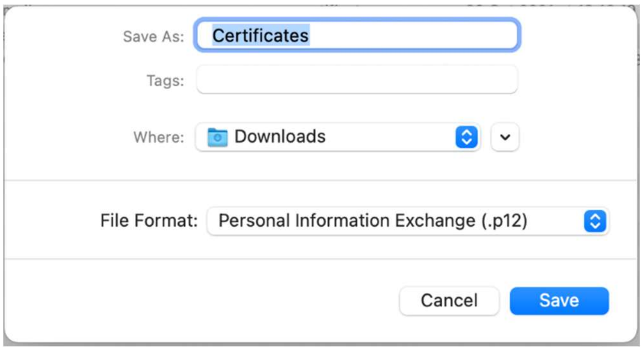
In the keychain, export the certificate to .p12, You will also be asked to password protect the exported file (the password is up to you)


Keychain Access
Search
Default Keychains
login
iCloud
System Keychains
System
System Roots
All Items
Passwords
Secure Notes
My Certificates
Keys
Certificates

EMAIL=[redacted]@gmail.com,CN=[redacted]@gmail.com
Kind: private key, RSA, 2 048-bit
Usage: Any

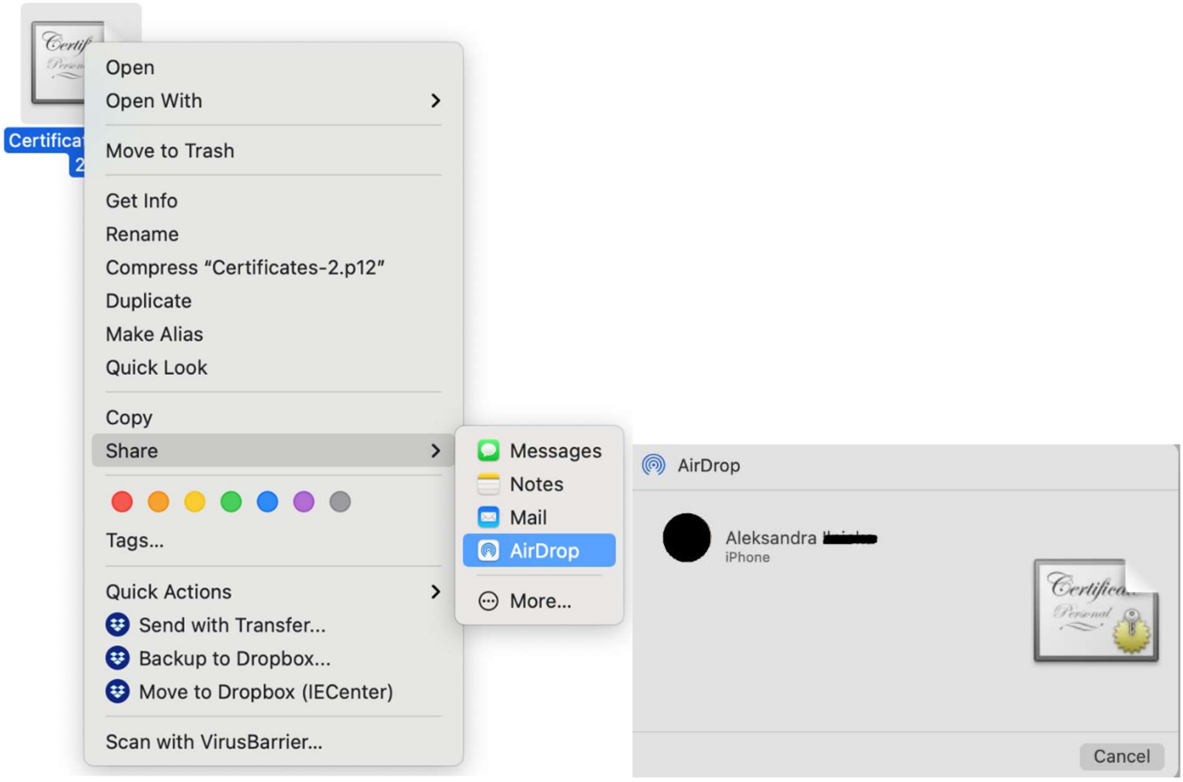
Name	Kind	Expires	Keychain
[redacted]@gmail.com	certificate	30 Oct 2021 at 18:13:19	login
EMAIL=[redacted]@gm...,CN=[redacted]gmail.com			
ExpressVPN Client			

Copy “EMAIL=[redacted]@gmail.com,CN=[redacted]@gmail.com”
Delete “EMAIL=[redacted]@gmail.com,CN=[redacted]@gmail.com”
Export “EMAIL=[redacted]@gmail.com,CN=[redacted]@gmail.com”...
Get Info
Create a Certificate With “EMAIL=[redacted]@gmail.com,CN=[redacted]@gmail.com”...
Request a Certificate From a Certificate Authority With “EMAIL=[redacted]@gmail.com,CN=[redacted]@gmail.com”...
Create a Certificate Authority With “EMAIL=[redacted]@gmail.com,CN=[redacted]@gmail.com”...

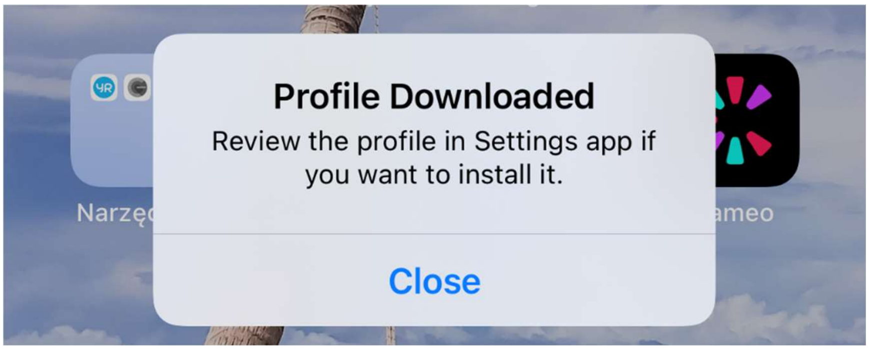


Save As: Certificates
Tags:
Where: Downloads
File Format: Personal Information Exchange (.p12)

You can share the saved certificate with your Apple device (Iphone, Ipad) using AirDrop

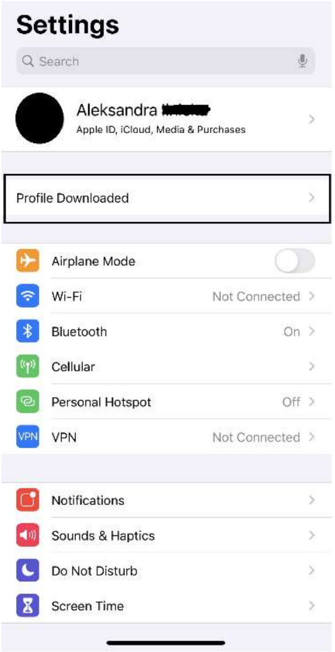


After sharing the file to your device (Iphone, Ipad) you will see a window with information about downloading the profile and that it is available in the Settings


Profile Downloaded

Review the profile in Settings app if you want to install it.

After entering the settings, enter the downloaded profile



Settings

Search

Aleksandra [redacted]
Apple ID, iCloud, Media & Purchases

Profile Downloaded

Airplane Mode

Wi-Fi Not Connected

Bluetooth On

Cellular

Personal Hotspot Off

VPN Not Connected

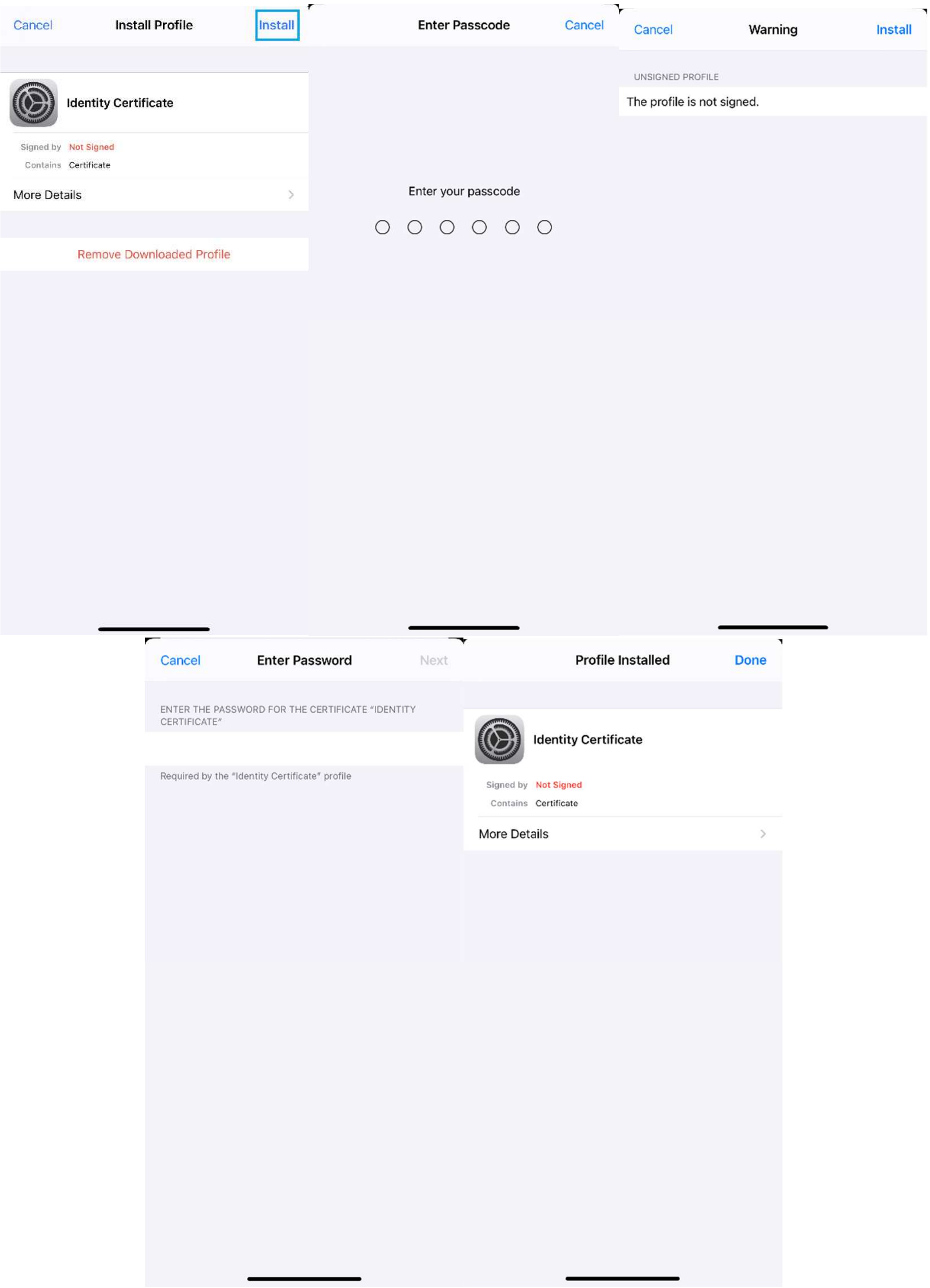
Notifications

Sounds & Haptics

Do Not Disturb

Screen Time

Then in the identity certificate and click install -> enter passcode -> click install again -> enter password (the one you made when exporting the file) -> click Done



Identity Certificate

Signed by Not Signed

Contains Certificate

Enter your passcode

○ ○ ○ ○ ○ ○

UNSIGNED PROFILE

The profile is not signed.

ENTER THE PASSWORD FOR THE CERTIFICATE "IDENTITY CERTIFICATE"

Required by the "Identity Certificate" profile

Identity Certificate

Signed by Not Signed

Contains Certificate

After installing the certificate you have to go to Settings -> Mail -> Accounts -> select the email for which you bought the certificate -> Account -> Advanced -> and at the very bottom you have the S/MIME section, select the sign and check yes, you can also select the option with default encryption -> exit the settings

Open the Mail application -> New message and you can see that certificate is installed (lock icon near the To: field)