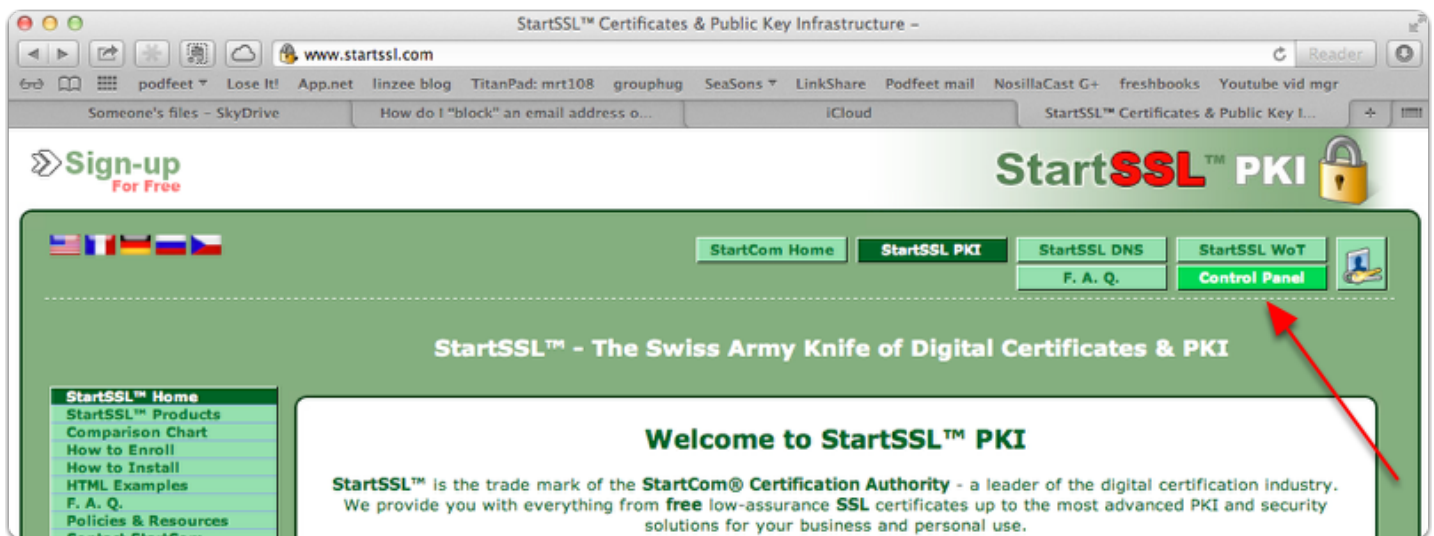


How to Set Up Encrypted and Signed Email in Apple Mail

This tutorial will walk you through the easy but perhaps unintuitive steps to get a personal SSL Certificate so that you can digitally sign and encrypt your emails.

Sign up for Free at StartSSL.com

Launch Safari (not Chrome, not Firefox, not Opera) and navigate to <http://www.startssl.com> and click on **Control Panel**



Click on Sign-up

Authenticate or Sign-up?

Are you a returning subscriber? Or do you want to authenticate with your StartSSL™ Open Identity?
Please click the button below and choose your StartSSL™ certificate from the dialog.



Are you the first time here? Sign up and receive right away an email certificate (S/MIME) and a digital StartSSL™ Open Identity without charge during the easy three-step enrollment!





Enter Your Contact Information


Personal Enrollment Details:


- **All fields are required!** You must provide your correct and complete **personal details** during initial registration! Be advised, that we may **check and verify the validity** of the information submitted. Misleading and wrong information will result in the blocking of access and revocation of certificates! See also **this FAQ entry** for more information.
- Privacy: The personal details may be used in part or in full in certificates or digital identities. They may be presented in a summarized form to potential investors and business partners, but not in details. We refrain from contacting you, except in cases relevant for the service we provide or for clarifications. We will not distribute your details to any third party, except if ordered to do so by law.
- By using this service you confirm, that you have read the **CA Policy** and accept the terms and conditions outlined in this document. Only a **natural person** can enter into the subscriber agreement during initial registration.


Important: Read and follow all instructions carefully! You are required to adhere to our terms and conditions!


First, Last Name: 

Complete Home Address
(Street, House, Number): 

Zip, Locality/Place: , 

Country: 

State/Region **: 

Phone: 

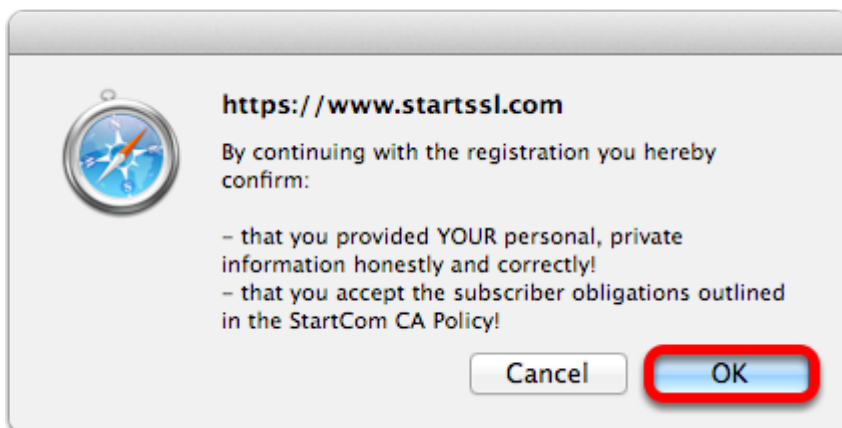
Email *: 

* Mail accounts from the following providers are not allowed: qq.com freemail.com rambler.ru mailnull.com laposte.fr yopmail.com

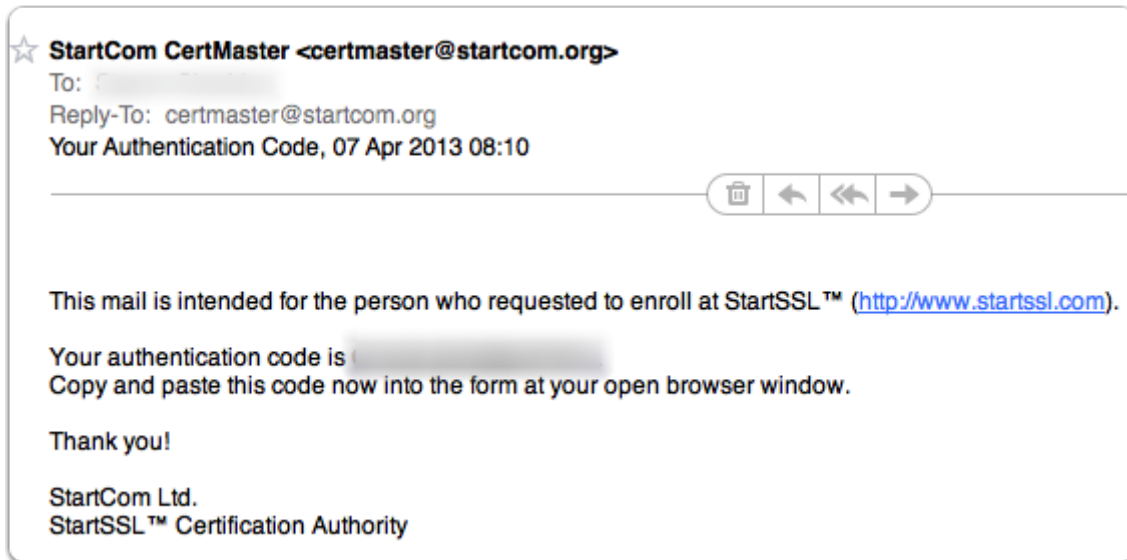
** Not seeing the States/Regions? Make sure you have JavaScript enabled.

** States/Regions still missing of your country? Please help to improve it! **Send** a complete list to us.

Agree to the Registration

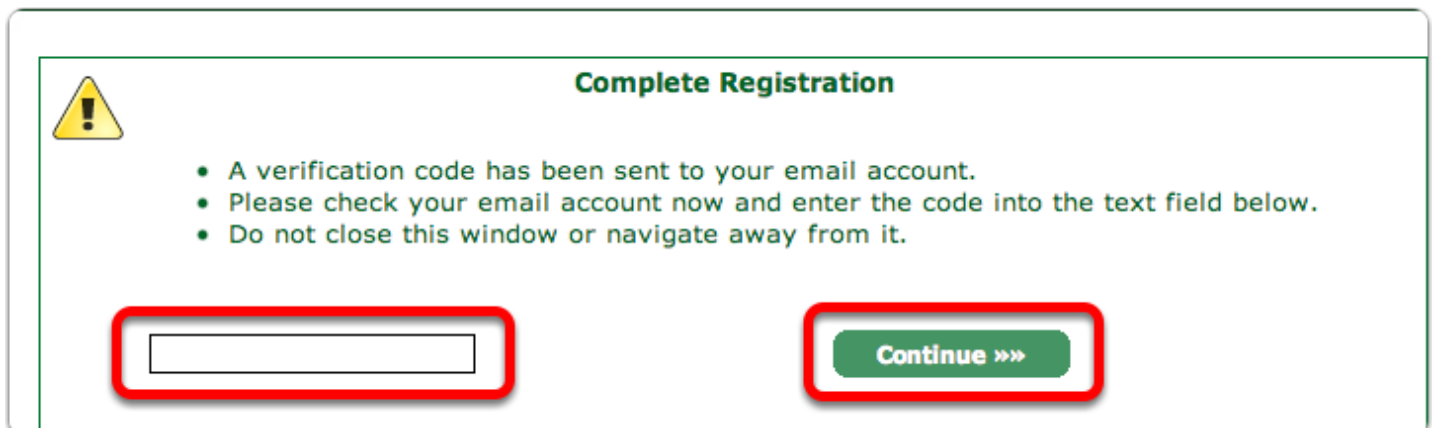


Email You Should Receive with Your Authentication Code




Verify Your Registration

Go to your email and copy the code they've sent you and paste it into the window. Then click Continue.



Twiddle Thumbs

This only took about 15 minutes for me and I did it on a weekend so it probably won't take six hours.



Additional Verification Required

- Your request for an account at StartSSL is being held up for a review by our personnel.
- Please be patient as we review your request and wait for our response within the next six hours. Thank you for your understanding!

If you feel that this is a mistake from our side, please contact the **CertMaster** and report this incident.

Account Request Available

You should receive an email with your verification code. Click on the link in the email.

StartCom CertMaster (Nikolay Duhman) <certmaster@startcom.org> March 30, 2013 10:58 AM
To: [redacted] [Hide Details](#)
Reply-To: certmaster@startcom.org
StartSSL Account Request, 30 Mar 2013 08:58

To Allison Sheridan,

Your request for an account at StartSSL™ (www.startssl.com) has been approved and is available during the next 24 hours at the following location:


<https://www.startssl.com/?app=12&action=release&id=5> [redacted]

The verification code in order to continue the process is [redacted]

Thank you!

StartCom Ltd.
StartSSL™ Certification Authority

Generate Private Key



Generate Private Key

- At this step we'll create a private key for your first client certificate.
- Please be patient as it might take some time to generate the key.


2048 (High Grade) ▾

Continue >>>

Install the Certificate

Here's the step where it matters that you used Safari instead of any other browser. Safari will automatically install the certificate into your Keychain file. Mail.app will now look at your Keychain file, find the certificate, and allow you to send digitally signed emails and encrypt emails.

Our next step is to email the certificate to our iOS devices so that we can send encrypted and digitally signed emails from there as well.




Install Certificate

- We are preparing to sign your first certificate.
- Please be patient as we ready your certificate, this might take a while.
- Please click *Install* in order to continue.

Install >>>

Certificate Successfully Installed

At this point you should be able to send signed emails from your computer. In the next steps we'll send the certificate to our iOS devices so that we can send signed email from them as well.




Congratulations!

- Your first client certificate has been installed into your browser. This is a bootstrapping certificate for authentication purpose.
- **Backup this certificate** to an external media, otherwise you might not be able to regain access to your account. Please read **these instructions** from our FAQ page on how to do that.

Finish >>>

Welcome Control Panel

You don't need to take any action here, but this is the last screen you will see. Now go back to your email.

Tool Box	Certificates Wizard	Validations Wizard	
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Howdy [redacted] ! Welcome to your StartSSL™ Control Panel...

Thousands of subscribers already validated their identity and benefit today from the advanced capabilities of the Class 2 and EV level certificates. For features like wild cards (*.domain.com) and multiple domain names (UCC/SAN/SNI) please validate your identity and benefit even more from StartSSL™. Click on "**Validations Wizard**" -> "**Identity Validation**" -> "**Class 2**".

Getting Started:

- 1. Validate**

In order to receive a certificate you must **validate** an email address or domain name **first**. Choose the "**Validations Wizard**" tab for this task.
- 2. Certificate**

After validation of an email or domain select the "**Certificates Wizard**" tab. Continue with the appropriate certificate type you wish to receive.
- 3. Various**

The "**Tool Box**" has many different tools which can help you. Here you can find help items, update your OpenID settings, add a credit card, manage your private keys (decryption), convert a certificate to PFX (for IIS servers) and much more...

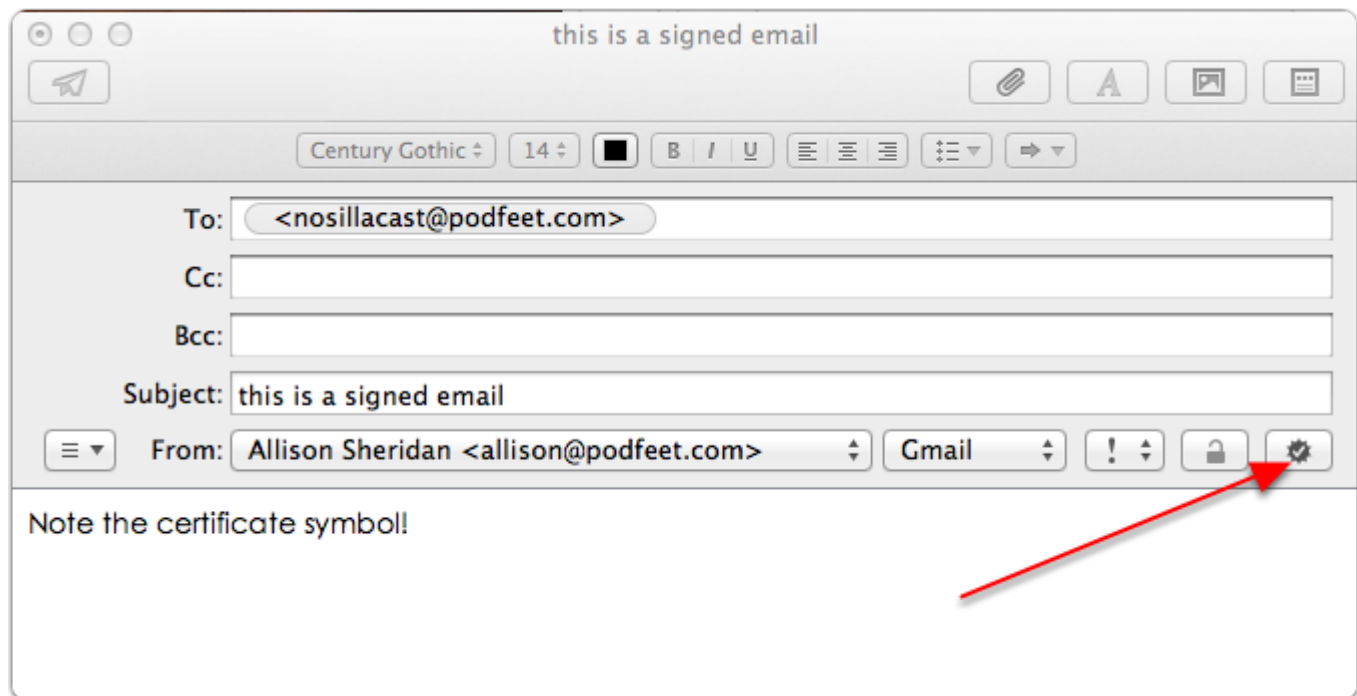
Quit and Restart Mail.app

Your certificate and its matching private key are now stored in your Keychain.

After restarting Mail.app you are now ready to sign and encrypt your email on THIS computer and ONLY on Mail.app. (If you want to use another mail client, another computer or an iOS device, read the next tutorial.)

Sending Signed Email

You don't have to do a thing to send signed email, it's automatic from now on.



Encrypting Email

If you and your recipient can both send signed email, simply exchange one email and then you can encrypt emails to each other. This works because when you exchange signed emails, you're actually exchanging your certs.

Sending an Encrypted Email

After you've exchanged signed emails with your recipient, after you've entered their email address, you'll notice that the lock is no longer greyed out. When you click that lock, the email is now encrypted.

Use encryption judiciously, only when you really need to send private information. Just be aware that you may not be able to read the encrypted emails when you get a new computer, or if you ever lost your keychain data.

