



CERTIFYING AUTHORITY

System Requirements

Enrollment Checklist

Before proceeding with the digital certificate enrollment process, please read the following carefully:

System Requirements

Ensure that the following system requirements are met:

- Operating System: Windows NT, 2000, XP
- Browser: Internet Explorer 5.5 and above

[Click here](#) to download the latest version of Internet Explorer

Browser Settings

Active-X controls need to be enabled in your Internet browser. In order to ensure this, please do the following:

- Open a browser window
- Go to Tools >> Internet Options >> Security
- Click 'Default Settings' and set to 'Medium'

Enrollment Instructions

When you enroll for a digital certificate, cryptographic keys are generated and stored on your machine. (In case you're using a Smart Card or a USB Token, the keys are generated and stored on the card/token). Ownership of these keys forms the basis of your digital identity for digital signatures and encryption applications.

During Enrollment you will need to specify the **Cryptographic Service Provider (CSP)** to be used for generation of your key pair. The Indian IT Act stipulates that you use 1024 bit length keys. In case your browser does not support 1024 bit keys, you will need to update it with relevant patches.

Choose the appropriate CSP depending on where you plan to store your private key:

- For generating the Key Pair on Internet Explorer (IE): Select the Cryptographic Service Provider (CSP). You will need to select from one of the two Microsoft CSP's. The Microsoft Enhanced CSP is recommended.
- For generating the Key Pair on Netscape: Select the length of the Key Pairs generated. Select the 1024 bit-length option.

- For generating the Key Pair on a Hardware Device: If you are using a special hardware device such as a smart card, please select the appropriate CSP as directed by the manufacturer.

Until your certificate is generated and downloaded successfully, you will not be able to access these keys for use or for backup purposes. It is therefore extremely important to ensure the following until your certificate is downloaded successfully:

For IE Users:

- Do not format your machine
- Do not re-install or upgrade your internet browser

For Smart Card / USB Token Users:

- Do not re-initialize the card/token

If the above conditions are not met, your keys will be lost permanently and you will not be able to download your certificate. In such cases, the only option is to apply for a fresh certificate.

 Your digital certificate is related to the cryptographic keys stored on your machine (or Smart Card / USB Token, as applicable). Hence, it's necessary for you to download the certificate onto the same machine (or Smart Card / USB Token, as applicable) from where you enrolled for the certificate.