

**TRUSTCENTER**  
KEY TO INTERNET SECURITY

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# Installation of TC TrustCenter CA certificates (X.509)

## Microsoft Internet Explorer 4.x

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## Introduction

One prerequisite for convenient and trustworthy communication via Internet is the installation of TC TrustCenter CA certificates (CA = Certification Authority) on your browser. This will enable you to communicate securely and confidentially with partners that have also obtained a TC TrustCenter certificate.

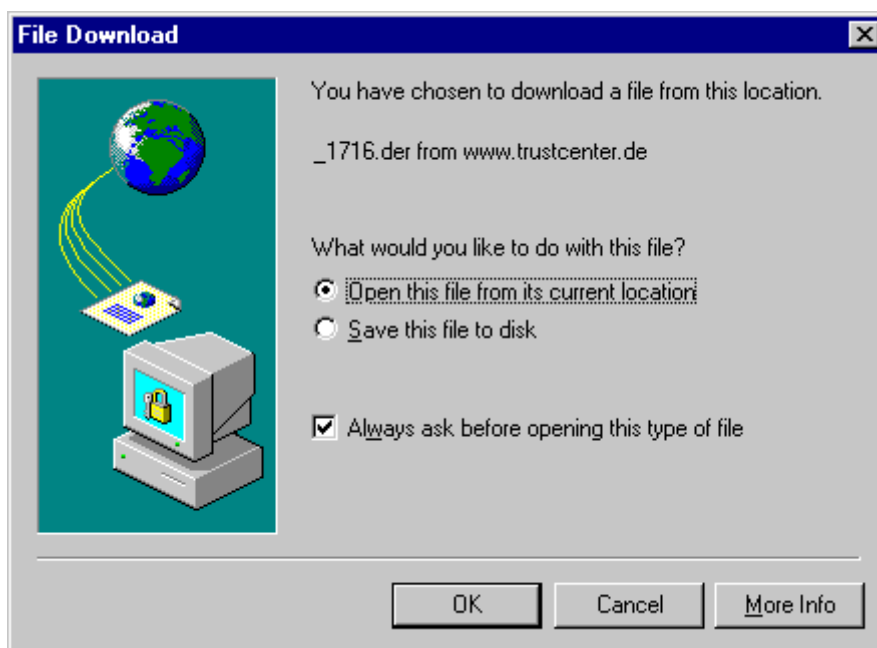
**We recommend the use of recent browser versions. Information on browsers where TC TrustCenter CA certificates have already been installed is available on our Web site (<http://www.trustcenter.de/cacerts>). Here you can find out whether or not you need to manually install our certificates.**

This description's browser version does not yet contain our CA certificates.

In the following installation manual, the Microsoft Internet Explorer 4.x acceptance process for TC TrustCenter CA certificates will be explained in detail and illustrated by various screenshots.

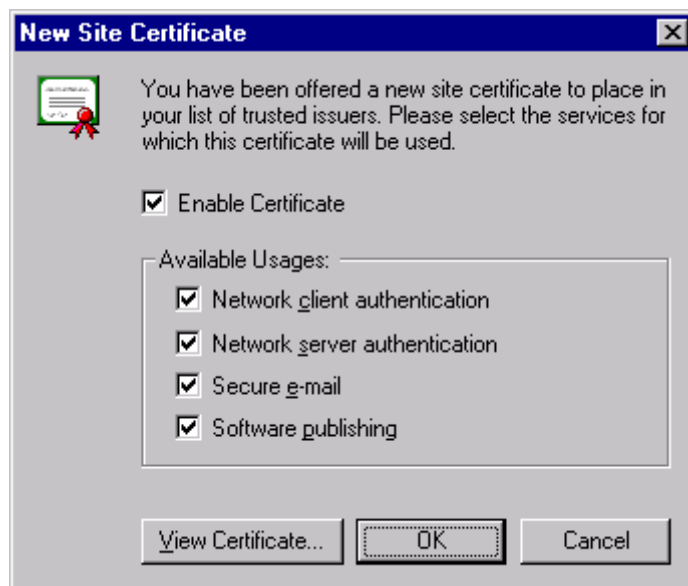
## Installation Manual

At the beginning of this process, you will be notified by the Microsoft Internet Explorer that a file is being downloaded from the Internet onto your computer (see picture below). Some files can cause damage because of viruses, etc; that is why you should make sure that the source is trustworthy before you start downloading.



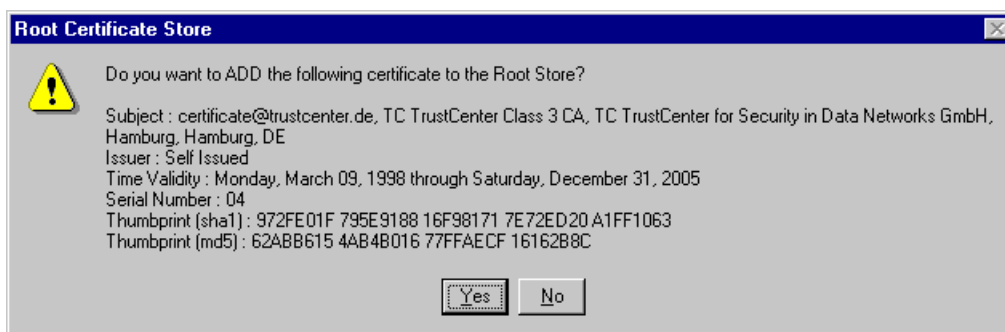
Please select **Open this file from its current location** to initiate the online acceptance process. Saving the file on the hard drive or on a disk will make the process slightly more complicated. We recommend to keep the box next to **Always ask before opening this type of file** checked for the browser to remind you of the dangers involved during each downloading process. (The above picture displays the data of a **TC TrustCenter CA certificate Class 3**. The data of other certificates differs).

After the confirmation with **OK**, the Internet Explorer will let you know that you are being offered a new certificate from a new Certification Authority to be added to the list of Certification Authorities of your trust.



Please check all the boxes that are on display and confirm your selection by clicking on **OK**.

The Internet Explorer will ask you again if you really want to add the TC TrustCenter certificate to the list and presents the certificate data.



At this point, you will be presented the TC TrustCenter certificate's data for confirmation. The country code ("DE" for Germany/Deutschland), city ("Hamburg"), state or province ("Hamburg"), issuer ("TC TrustCenter GmbH"), and certificate type ("TC TrustCenter Class 3 CA") are being displayed. Because this certificate was digitally signed by us, the issuer is "Self".

The expiration date is followed by the serial number and the fingerprint, which has been determined through the hash function SHA-1 at one time, through MD5 another time.

Please select **Yes** to finish the acceptance process.

After you have installed all TC TrustCenter certificates, you can establish secure and confidential connections with Web servers and verify the certificates of e-mail communication partners and developers of software.

The fingerprints (<http://www.trustcenter.de/fingerprints>) allow you to verify the certificate's authenticity.