# TIMS RCA and ICA Production Installation Guide

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## PKI usage

Usage of client certificate from TIMS PKI depends on the following requirements:

- 1. Adding Root CA certificate ("TIMSRCA.cer" for Production environment) to Trusted Root Certificate Authority store
- 2. Adding Issuing CA certificate ("TIMSICA1.cer" for Production environment) to Intermediate Certificate Authority store

# Configuration examples

Example 1: Windows 7 (and higher) Operating System with Chrome | Edge Download the certificates from <u>http://pki.tims.revenue.gov.ws/pki/</u>

- 1. Root CA certificate **RCA CER**
- 2. Issuing CA certificate ICA CER



Figure 1 Download the Certificates to your PC

Right click on the file TIMS RCA certificate, and choose install Certificate



Figure 2 Right click on the file to install Certificate

Follow the Wizard for complete the installation. In order to proceed with the installation, make sure you have the Admin access.

		×
$\leftarrow$	🐉 Certificate Import Wizard	
	Welcome to the Certificate Import Wizard	
	This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store.	
	A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.	
	Store Location	
	Eccarriad and	
	To continue, dick Next.	
	€ <u>N</u> ext Cance	1

Figure 3 Wizard - Choose Store Location

		×
←	🛃 Certificate Import Wizard	
	Certificate Store	
	Certificate stores are system areas where certificates are kept.	
	Windows can automatically select a certificate store, or you can specify a location for the certificate.	
	○ Automatically select the certificate store based on the type of certificate	
	Place all certificates in the following store	
	Certificate store:	
	Browse	
	<u>N</u> ext Canc	el

Figure 4 Follow the Wizard



Figure 5 Follow the Wizard

		×
←	F Certificate Import Wizard	
	Certificate Store	
	Certificate stores are system areas where certificates are kept.	
	Windows can automatically select a certificate store, or you can specify a location for the certificate.	
	$\bigcirc$ Automatically select the certificate store based on the type of certificate	
	Place all certificates in the following store	
	Certificate store:	
	Trusted Root Certification Authorities Browse	
	Next Canc	el

Figure 6 Follow the Wizard

← & Certifi	cate Import Wizard			×
Con	pleting the Certific	cate Import Wizar	d	
The ce	rtificate will be imported after	you dick Finish.		
You ha	ave specified the following sett	ings:		
Cert	ficate Store Selected by User ent	Trusted Root Certification Certificate	Authorities	
			Finish Canc	el

Figure 7 Follow the Wizard



Figure 8 Follow the Wizard - Import Successful

To make sure you have the Certificate properly installed, search it via Windows search:



If installation has been successful, you'll find the Certificate at this location:



Figure 10 Certificate Location

For installing ICA Certificate, right click the TIMSICA1.cer Certificate file from the same downloaded location. Follow the Wizard to complete the installation. In order to proceed with the installation, make sure you have the Admin access.

	×
🔶 😺 Certificate Import Wizard	
Welcome to the Certificate Import Wizard	
This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store.	
A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.	
Store Location	
O <u>Q</u> urrent User	
Local Machine	
To continue, dick Next.	
<u>♥N</u> ext Cance	4

Figure 11 Follow Wizard

		$\times$
~	🚰 Certificate Import Wizard	
	Certificate Store	
	Certificate stores are system areas where certificates are kept.	
	Windows can automatically select a certificate store, or you can specify a location for the certificate.	
	$\bigcirc$ Automatically select the certificate store based on the type of certificate	
	Place all certificates in the following store	
	Certificate store:	
	Browse	
	<u>N</u> ext Cance	I

Figure 12 Follow Wizard

Select Certificate Store	$\times$		
Select the certificate store you want to use.			
C Deveend			
	^		
Trusted Root Certification Authorities			
Enterprise Trust			
Intermediate Certification Authorities			
Intrusted Certificates	~		
< >			
Show physical stores			
OK Cancel			

Figure 13 Follow Wizard

		$\times$
÷	🖉 Certificate Import Wizard	
	Cartificata Stora	
	Certificate stores are system areas where certificates are kept.	
	Windows can automatically select a certificate store, or you can specify a location for the certificate.	
	$\bigcirc$ Automatically select the certificate store based on the type of certificate	
	• Place all certificates in the following store	
	Certificate store:	
	<u>N</u> ext Cance	el

Figure 14 Follow Wizard

	×
← 🛛 & Certificate Import Wizard	
Completing the Certificate Impor	t Wizard
The certificate will be imported after you dick Finish.	
You have specified the following settings:	
Certificate Store Selected by User Intermediate Co Content Certificate	ertification Authorities
	<u>F</u> inish Cancel

#### Figure 15 Follow Wizard



Figure 16 Follow Wizard - Import Successful

To make sure you have the Certificate properly installed, search it via Windows search:



Figure 17 Search for the Certificate

If installation has been successful, you'll find the Certificate at this location:



Figure 18 Location of the Certificate

To install the certificates, follow these steps:

- 1) Download the Certificates from <a href="http://pki.tims.revenue.gov.ws/pki/TIMSRCA.cer">http://pki.tims.revenue.gov.ws/pki/TIMSICA1.cer</a> and <a href="http://pki.tims.revenue.gov.ws/pki/TIMSICA1.cer">http://pki.tims.revenue.gov.ws/pki/TIMSICA1.cer</a>
- 2) In Firefox select
  - a) <u>Tools->Option->Certificate</u> click View Certificate
  - b) Point to Authorities and Click import
  - c) Browse to TIMSRCA.cer and click Open
  - d) Check box for trust website and trust software developers and click OK
  - e) Browse to TIMSICA1.cer and click Open
  - f) Check box for trust website and trust software developers and click OK
  - g) Close Option tab



Figure 19 Location of the View Certificates...

### Example 3: Other platforms

- 1. Download the Certificate from <a href="http://pki.tims.revenue.gov.ws/pki/TIMSRCA.cer">http://pki.tims.revenue.gov.ws/pki/TIMSRCA.cer</a> and use browser manual to import the certificate to Trusted CA certificate store
- 2. Download the Certificate from <a href="http://pki.tims.revenue.gov.ws/pki/TIMSICA1.cer">http://pki.tims.revenue.gov.ws/pki/TIMSICA1.cer</a> and use browser manual to import the certificate to CA certificate store