RCA and ICA Certificate 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") to Trusted Root Certificate Authority store
- 2. Adding Issuing CA certificate ("TIMSICA.cer") to Intermediate Certificate Authority store

Configuration examples Example 1: Windows 7 (and higher) Operating System with Chrome | Edge

Download the certificates to your PC or tablet.



Figure 1 Download the Certificates

Installing RCA Certificate:

Right click on the file TIMSRCA certificate and choose Install Certificate.

	Open		
	Install Certificate		TIMSRCA
C	Import to Grammarly		
•	Move to OneDrive		
	Edit with Notepad++		TIMSICA1
Ð	Scan with Windows Defender		TIMBICAT
B	Share		
	Open with		
	Give access to	>	
	Restore previous versions		
-	Send to		

Figure 2 Right click on the file to install RCA certificate

Follow the Wizard for 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	
○ <u>C</u> urrent User	
● Local Machine	
To continue, click Next.	
€ <u>N</u> ext Car	ncel

Figure 3 Wizard – Choose Local Machine as store location

		\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 $A\underline{u}tomatically select the certificate store based on the type of certificate$	
	Place all certificates in the following store	
	Certificate store:	
	Browse	
	<u>N</u> ext Cance	I

Figure 4 Click Browse to select the store

Select Certificate Store	×
Select the <u>c</u> ertificate store you want to use.	
Personal	^
Trusted Publishers	~
Show physical stores	
OK Cancel	

Figure 5 Select Trusted Root Certification Authorities

		×
-	🛃 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:	
	Trusted Root Certification Authorities Browse	
	<u>N</u> ext Cance	

Figure 6 Store selected

	\times
← 🐉 Certificate Import Wizard	
Completing the Certificate Import Wizard	
The certificate will be imported after you click Finish.	
You have specified the following settings:	_
Certificate Store Selected by User Trusted Root Certification Authorities Content Certificate	
Content	
	_
Finish Car	cel

Figure 7 Finish the installation

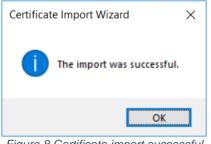


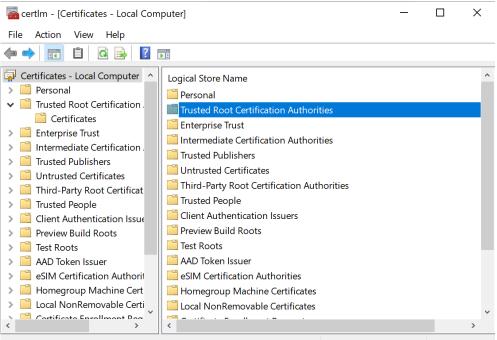
Figure 8 Certificate import successful

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

Best match Manage computer certificates	
	E
Control panel	×
Search work and web Manage computer certificates - See work and web results	Manage computer certificates Control panel
	☐ Open
 	

Figure 9 Search for the installed RCA certificate

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



Trusted Root Certification Authorities store contains 53 certificates.

Figure 10 Trusted Root Certification Authorities

🛜 certIm - [Certificates - Local Computer\Trusted Root Certification Authorities]	_	×
File Action View Help		
🗢 🔿 📶 📋 🙆 😼 🛛 🖬		
Given Certificates - Local Computer 🔨 Object Type		
> Personal		
✓ ☐ Trusted Root Certification .		
Certificates		
> 📔 Enterprise Trust		
> 📔 Intermediate Certification		
> 🚞 Trusted Publishers		
> 🛅 Untrusted Certificates		
> 🧮 Third-Party Root Certificat		
> 🚞 Trusted People		
> 🧮 Client Authentication Issue		
> C Preview Build Roots		
> 🧮 Test Roots		
> 🧮 AAD Token Issuer		
> 🧮 eSIM Certification Authorit		
> 🧮 Homegroup Machine Cert		
> 🧮 Local NonRemovable Certi		
Cortificate Enrollment Deal		>
Trusted Root Certification Authorities store contains 53 certificates.		

Figure 11 Certificates

	puter\Trusted Root Certification Autho	rities\Certific — 🗆 X
File Action View Help		
🗢 🔿 🙍 🖬 🔏 🛱 🗙 🗉] 🛃 🚺 🎫	
 Certificates - Local Computer Personal Trusted Root Certification Certificates Enterprise Trust Intermediate Certification Trusted Publishers Untrusted Certificates Third-Party Root Certificat Trusted People Client Authentication Issue Preview Build Roots Test Roots AAD Token Issuer SiM Certification Authorit Homegroup Machine Cert 	Issued To Security Communication RootCA1 Starfield Class 2 Certification Aut Starfield Root Certificate Authori SwissSign Gold CA - G2 Symantec Enterprise Mobile Ro Taxcore Online Root CA TaxCore RCA Development Thawte Timestamping CA T-TeleSec GlobalRoot Class 2 USERTrust ECC Certification Auth USERTrust RSA Certification Auth VeriSign Class 3 Public Primary C VeriSign Class 3 Public Primary C	Starfield Class 2 Certification Auth Starfield Root Certificate Authority SwissSign Gold CA - G2 Symantec Enterprise Mobile Root f Taxcore Online Root CA TaxCore RCA Development Thawte Timestamping CA TIMS RCA T-TeleSec GlobalRoot Class 2 USERTrust ECC Certification Author USERTrust RSA Certification Author VeriSign Class 3 Public Primary Cert
Cortificate Enrollment Dog	VeriSign Universal Root Certifica	VeriSign Universal Root Certificatio >
Trusted Root Certification Authorities s	tore contains 54 certificates.	

Figure 12 Certificate Location

Installing ICA Certificate:

Right click the TOSandboxICA1 file from the same downloaded location and choose Install Certificate.



Figure 13 Right click on the file to install ICA certificate

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

			×
\leftarrow	Ş	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	
		◯ <u>C</u> urrent User	
		To continue, click Next.	
		<u>∳N</u> ext Cancel	

Figure 14 Select Local Machine as 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.	
	\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	ł

Figure 15 Click Browse to select the store

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

Figure 16 Select Intermediate Certification Authorities

		\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:	
	Intermediate Certification Authorities Browse	
	<u>N</u> ext Canc	el



	×
← 😺 Certificate Import Wizard	
Completing the Certificate Import Wizard	
completing the certificate import wizard	
The certificate will be imported after you click Finish.	
You have specified the following settings:	
Certificate Store Selected by User Intermediate Certification Authorities Content Certificate	
Contenit Cel undate	
<u> </u>	Cancel
Figure 19 Finish the installation	

Figure 18 Finish the installation

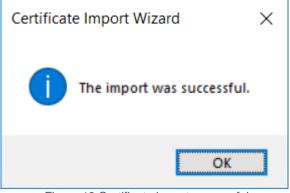


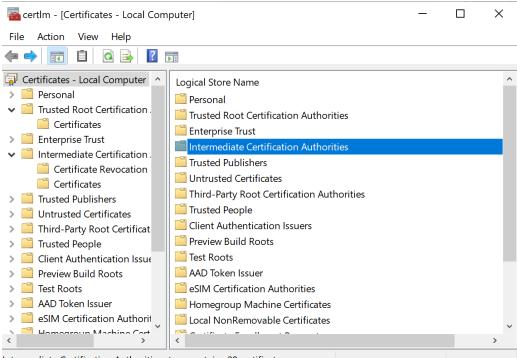
Figure 19 Certificate import successful

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

All Apps Documents Web More 🕶	چ ···
Best match	
Manage computer certificates Control panel	
Search work and web	
Manage computer certificates - See work and web results	Manage computer certificates Control panel
	ロ Open
$ \mathcal{P} $ manage computer certificates	
오 뷰 📑 🎲 🌖 🖬 🍒	

Figure 20 Search for the ICA certificate

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



Intermediate Certification Authorities store contains 28 certificates.

Figure 21 Intermediate Certification Authorities

\overlinea certlm - [Certificates - Local Computer\Intermediate Certification Authorities] — 🛛 🛛 🗙

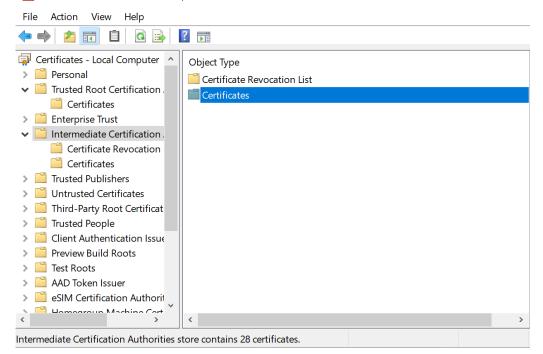


Figure 22 Certificates

 Certificates - Local Computer Personal Trusted Root Certification Enterprise Trust Intermediate Certification Certificate Revocation Certificates Certificates Certificates Certificates Security Formatization Strong PCI Intermediate CA resursi 001 StrongSecurityFormat MUPCA Resursi StrongSecurityFormat MUPCA Resursi StrongSecurityFormat MUPCA Resursi StrongSecurityFormat MUPCA Resursi TaxCore RCA Development Taxcore Online Sandbox Issuing Taxcore Online Root CA TIMS ICA1 WS ICA1 Staging WMS RCA Staging WMS ICA1 Staging WMS ICA1 Staging	File Action View Help			
 Personal Personal Trusted Root Certification Enterprise Trust Intermediate Certification Certificate Revocation Certificates Trusted Publishers Untrusted Certificates Security Formatization Strong PCI Intermediate CA resursi 001 StrongSecurityFormat MUPCA Resursi StrongSecurityFormat MUPCA Resursi StrongSecurityFormat MUPCA Resursi TaxCore ICA1 Development Taxcore Online Root CA TIMS ICA1 TIMS RCA WMS ICA1 Staging VMS RCA Staging Wos RCA Staging Wos RCA Staging Strong SecurityFormat 	🕨 🔿 🙋 🚾 🔏 🗞 🖼	1 🔒 🛛 🖬		
	 Personal Trusted Root Certification Enterprise Trust Intermediate Certification Certificate Revocation Certificates Trusted Publishers Untrusted Certificates Third-Party Root Certificat Trusted People Client Authentication Issue Preview Build Roots Test Roots AAD Token Issuer eSIM Certification Authorit 	 Root Agency Security Formatization Strong PCI Sigurnosna formatizacija StrongSecurityFormat StrongSecurityFormat StrongSecurityFormat StrongSecurityFormat TaxCore ICA1 Development Taxcore Online Sandbox Issuing TIMS ICA1 VMS ICA1 Staging 	Root Agency MUPCA Resursi Intermediate CA resursi 001 Intermediate CA resursi 001 Intermediate CA resursi 001 Intermediate CA resursi 001 Intermediate CA resursi 001 MUPCA Resursi MUPCA Resursi MUPCA Resursi TaxCore RCA Development Taxcore Online Root CA TIMS RCA VMS RCA Staging	

Figure 23 Certificate location

Example 2: Windows 7 (and higher) Operating System with Firefox

To install the certificates, follow these steps:

- 1) Download the RCA and ICA Certificates to your PC or tablet
- 2) In Firefox select
 - a) <u>Tools->Option->Certificate</u> click View Certificate
 - b) Point to <u>Authorities</u> 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

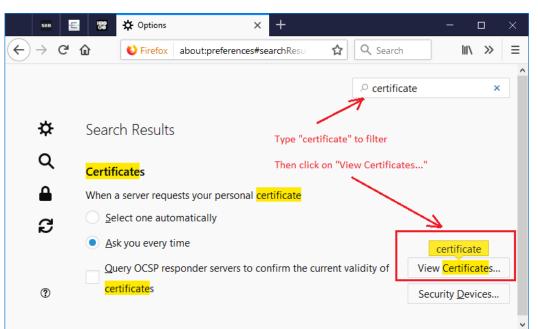


Figure 24 Location of the View Certificates...

Example 3: Other platforms

- 1) Download the RCA Certificate to your PC or tablet and use browser manual to import the certificate to Trusted CA certificate store
- 2) Download the ICA Certificate to your PC or tablet and use browser manual to import the certificate to CA certificate store