# Steps to be followed to install the CIPA-CERTIFICATE

Installation Guide for the following devices:

- 1. iPhone (iOS)
- 2. Android Smartphone
- 3. <u>Windows 10 Desktops/Laptops</u>
- 4. <u>macOS</u>
- 5. Chrome OS

# iPhone (iOS)

 Click on the link <u>https://www.cyberreef.com/download-cipa-certification/</u> to download the Certificate. Click on the *"Close"* button, as shown below.



2. Navigate to Settings on the iPhone. You should see a tab indicating "Profile Downloaded," as shown below. Click on the "Profile Downloaded"



**3.** The next screen displayed is as shown below. Click on the "*Install*" button.





**4.** After Clicking install, you might get a security prompt to insert your passcode. Please enter your iPhone passcode and proceed to the next step.



**5.** The next window displays the following information. Please click on the *"Install"* button as indicated.

No SIM 夺	9:47 AM	56%
Cancel	Warning	Install
UNMANAGED ROOT	CERTIFICATE	
Installing the cert the list of trusted certificate will no enable it in Certif	tificate "CIPA-CER certificates on yo t be trusted for we icate Trust Setting	T″ will add it to ur iPhone. This ebsites until you Is.
UNVERIFIED PROFIL	.E	
The authenticity be verified.	of "CIPA-CERT" ca	annot

**6.** The instructions prompt you to confirm the installation of the certificate one last time. Please click *"Install,"* as shown below.



7. Once the Certificate is installed, the below confirmation page is displayed. Please click "Done" as shown below



8. Please click on "General."



**9.** The screen displays the various options under General. Please click "About."

No SIM 🗢	9:48 AM	56% 🔳
Settings	General	
About		>
Software Update		>
AirDrop		>
AirPlay & Handof	f	>
CarPlay		>
Home Button		>
iPhone Storage		>
Background App	Refresh	>
Date & Time		>
Keyboard		>
Fonts		>

**10.** Once you are in the About section, please scroll to the bottom & Click "Certificate Trust Settings."

No SIM 🗢	9:48 AM	56% 🔳
<b>〈</b> General	About	
Videos		23
Photos		178
Applications		12
Capacity		64 GB
Available		49.88 GB
Carrier		AirTel 39.1
Wi-Fi Address	5C	::09:47:B7:70:19
Bluetooth	5C	::09:47:B7:70:1A
IMEI	35 30	0909 660150 9
MEID	35	300909660150
Modem Firmware		5.11.01
SEID		>
Certificate Trust Set	tings	$\rightarrow$

**11.** Once you enter the *"Certificate Trust Settings,"* the following window is displayed. Please toggle the switch from left to right to enable the Trust for the Certificate we installed earlier.



**12.** Once you perform step 11, the below screen should display the GREEN enabled status for the Certificate. Please click *"Continue"* on the information prompt.



The Certificate is now installed. You can exit the settings and use the CIPA service.

# **Android Smartphones**

 Click on the link <u>https://www.cyberreef.com/download-cipa-certification/</u> to download the Certificate. The below page is displayed once you click on the downloaded Certificate. (Optionally you might be asked for your phone pattern/password to proceed further)



Please enter a name "CIPA-CERT" under Certificate Name.

Please select the options *Used for* as "VPN & apps" from the drop-down.

Please click, "OK."

The Certificate is now installed. You can now exit the settings and use the CIPA service.

### Windows 10

 Click on the link <u>https://www.cyberreef.com/download-cipa-certification/</u> to download the Certificate. Once the Certificate is clicked, the below prompt is displayed. Please click *"Open"* on the Prompt.

)pen File -	Security Warning	×
Do you v	want to open this file?	
	Name: C:\Users\njani\Downloads\cert_FT-CERT.crt	t
	Publisher: Unknown Publisher	
	Type: Security Certificate	
	From: C:\Users\njani\Downloads\cert_FT-CERT.crt	t
Alway	Open	Cancel
1	While files from the Internet can be useful, this file type c harm your computer. If you do not trust the source, do n software. <u>What's the risk?</u>	an potentially ot open this

2. The next dialog-box displayed is shown below. Please click on "Install Certificate."

💀 Certi	ificate	×
General	Details Certification Path	
8	Certificate Information	
Thi inst Aut	s CA Root certificate is not trusted. To enable trust, tall this certificate in the Trusted Root Certification thorities store.	
	Issued to: CIPA-CERT	
	Issued by: CIPA-CERT	
	Valid from 3/25/2020 to 3/24/2024	
	Install Certificate) Issuer Statement	ų
	ОК	

- 3. Step 2 takes you to "Certificate Import Wizard."
  - a. Option A Install certificate for the current user Only

This step will setup & install the Certificate for the Current Logged-In User. As indicated below, the default selection is – "Current User," & Please click "Next."

÷	🚑 Certificate Import Wizard		×
	Welcome to the Certificate I	mport Wizard	
	This wizard helps you copy certificates, certi lists from your disk to a certificate store.	ficate trust lists, and certificate revoca	tion
	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		
	To continue, click Next.		
		$\sim$	
			Next

**b.** Option **B** – Install a Certificate for all the users on the system.

As shown below:

Please select *"Local Machine"* when installing the Certificate for all the users on this machine. Please click *"Next"* as shown below

	10.00
	×
🗧 🚑 Certificate Import Wizard	
Welcome to the Certificate Import Wizard	
This wizard beins you convicertificates, 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 Current User	
Local Machine	
To continue, click Next.	
Next Canc	ei

**4.** The next prompt should display the below window. Please select "*Place all certificates in the following store,*" as shown below & click "*Browse*."

	:	Not 124		
			$\times$	
	~	ᡒ 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.		
		O Automatically select the certificate store based on the type of certificate		
		Place all certificates in the following store		
		Certificate store:		
		Browse		
ind				
		Next Cance	I	
	_			

**5.** Please select "*Trusted Root Certification Authorities*," as shown below. Once selected, please click "*OK*."

Nat 1 als	
	×
🗲 🛛 🐉 Certificate Import Wizard	
Certificate Store	
Certificate stores are system areas where certificates are kept.	
— Select Certificate Store X	_
Select the certificate store you want to use. r you can specify a location for	
Decendent of the type of certificate of the type of	
and	
Show physical stores	_
OK Cancel	
Next Car	ncel

**6.** Please verify the options selected in step 5 & then Click *"Next,"* as shown below.

🗲 🛛 🕹 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	
Next Canc	el

7. The below window is displayed. Please click, "Finish."

	March 1 264		
		×	
	🗧 😺 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	_	
_			
		_	
lanc		_	
-			
		_	
	Finish Cano	el	

**8.** As shown below, a similar prompt is displayed asking you to confirm the installation of the Certificate. Please select "*Yes.*"



9. "The import was successful." message shown below is displayed. Please click "OK."

Marx 1 del -	
Certificate	×
eneral Details Certification Path	
Certificate Information	
This CA Root certificate is not trusted. To enable trust, install this certificate in the Trusted Root Certification	
Authorities store.	
	Certificate Import Wizard X
Issued to: CIPA-CERT	
	The import was successful.
Issued by: CIPA-CERT	
V-Ed from 2/25/2020 to 2/24/2024	ОК
Valid from 3/25/2020 to 3/24/2024	
Install Certificate Issuer Stater	ment
	OK

The Certificate is now installed. You can exit the settings/other windows and start using the CIPA service.

### macOS

- Click on the link <u>https://www.cyberreef.com/download-cipa-certification/</u> to download the Certificate. Once downloaded, please double-click the Certificate. You should see a dialog box as displayed below. Please read the information provided carefully. Based on your requirements, you have two options -
  - Option 1 Installing the Certificate to be shared by all users for this machine.

000	Keychain Access	ŝ	
Click to lock the l	ogin keychain.	Q Search	Communities Cont
Keychains login Local Items System System Roots	<key>         Kind: public key, RSA, 2048-bit         Usage: Encrypt, Derive, Verify         Name       ^ Kind</key>	<ul> <li>Add Certificates</li> <li>Do you want to add the certificate(s) from CERT.crt" to a keychain?</li> <li>New root certificates should be added to the current user, or to the System keychain if the users of this machine.</li> </ul>	n <b>the file "cert_FT-</b> e login keychain for the ey are to be shared by all
Category All Items	Chrome Safe Storage     application password     com.apple.gsthentication.token     apple.gsthentication.token     apple.gsthentication.token     apple.gsthentication.token     apple.gsthentication.token     apple.gsthentication.token     apple.gsthenti	Kevchain: Io	ain ᅌ
L. Passwords Secure Notes My Certificates Keys Certificates	com.apple.gsthentication.token     application password     com.apple.gsthentication.token     application     application     applica	View Certificates         Iogin           Jan 26, 2020, 10:29:17 AM          Iogin	Cancel
	<pre>com.apple.gsthentication.token application password + i Copy</pre>	Jan 26, 2020, 10:29:17 AM login 45 items	

**b.** Option 2 – Installing the Certificate for the current user logged-in.

**Option 1** – Installing the Certificate to be shared by all users of this machine.

Please click the drop-down menu for "Keychain" and select "System" as shown below:



Once you have selected the *"System"* as the Keychain value, the screen should display the window, as shown below. Please click "Add" to proceed.

000		Keychain Access
Click to lock the l	ogin keychain.	Q Search
Keychains Iogin Local Items System System Roots	Name	Add Certificates  Do you want to add the certificate(s) from the file "test.crt" to a keychain?  New root certificates should be added to the login keychain for the current user, or to the System keychain if they are to be shared by all users of this machine.  Keychain: System
Category		
<ul> <li>All Items</li> <li>Passwords</li> <li>Secure Notes</li> <li>My Certificates</li> <li>Keys</li> <li>Certificates</li> </ul>	View	Certificates Cancel Add
	+ i Copy	0 items

During this process, you will be asked to enter your password for the system. Please enter the same & Click "Modify Keychain."

Enter your pass	sword to allow this.
User Name:	Rusty Ryan
Password:	•••••
	Cancel Modify Keychain
	User Name: Password:

Once you have entered the password to Modify the System Keychain, you will see a similar window, as shown below. As shown below, the Top Left Column under *Keychains* indicates that the Certificate is in the process of getting installed under *"System."* 

•	•			Keychain Access			
	Click to unlock the	System keychain	1.				Q Search
	Keychains login Local Items System System Roots	Certificate Bust	CIPA-CERT Root certificate authorit Expires: Sunday, March This root certificate is	y 24, 2024 at 11:13:34 AN s not trusted	I Central Daylight Time		
		Name	~	Kind	Expires	Keychain	
			ERT	certificate	Mar 24, 2024, 11:13:34 AM	System	
		E comop	ne.kerberos.kdc	certificate	Dec 26, 2037, 6:21:02 PM	System	
		com.app	ole.systemdefault	certificate	Dec 26, 2037, 6:21:01 PM	System	
	Category						
R	All Items						
<i>\</i>	Passwords						
-	Secure Notes						
1	My Certificates						
@	Kevs						
	Certificates						
		+ i Co	ру		3 items		

The next steps are identical to the steps for installing the Certificate for a single user.

Please navigate to step 2 to proceed further.

**Option 2** – Select the default *"login"* as the Keychain value, as shown below. Please click *"Add"* & proceed to step 2

000		Keychain Access			oport 🔍
Click to lock the lo	gin keychain.			Q Search	Communities Cont
Keychains login Local Items System System Roots	<key>         Kind: public key, RSA, 2         Usage: Encrypt, Derive,         Name         ?         <key>            Apple Persistent State Encryption</key></key>	048-bit Verify Kind public key private key application password	Do you CERT.cl New roc current users of	Add Certificates want to add the certificate(s) rt" to a keychain? ot certificates should be added t user, or to the System keychain f this machine.	from the file "cert_FT- o the login keychain for the if they are to be shared by all
Category All Items Category Category Category Category Category Category MI Items Category MI Items MI Category MI Category	Chrome Safe Storage     com.apple.gsthentication.token	application password application password application password application password application password application password application password application password	View Certificates	Keychain:	login 🗘 Cancel Add
<ul> <li> <sup>₩</sup> Keys         <sup>₩</sup> Certificates         <sup>™</sup> <sup></sup></li></ul>	/ com.apple.gsthentication.token         / com.apple.gsthentication.token	application password application password application password application password application password application password application password	Jan 26, 2020, 10:29:17 A Jan 26, 2020, 10:29:17 A 45 items	M logir M logir M logir M logir M logir M logir M logir	

During this process you are asked to enter your password for the system, please enter the same & Click *"Modify Keychain"* & proceed to step 2

	Keychain Ac keychain.	cess is trying to modify the system
R	Enter your pas	sword to allow this.
	User Name:	Rusty Ryan
	Password:	•••••
		Cancel Modify Keychain

2. Step 2 The below window will be displayed once you clicked *"Modify Keychain"* in the previous step. As shown below, the Top Left Column under *Keychains* indicates that the Certificate is in the process of getting installed under *"login."* 

Please double-click the CIPA-CERT, as shown in the diagram.

				Keychain Access			
	Click to lock the log	gin keychain.				[	Q Search
	Keychains login Local Items System System Roots	Certificate	CIPA-CERT Root certificate authority Expires: Sunday, March 2 This root certificate is	/ 24, 2024 at 11:13:34 AM not trusted	/ Central Daylight Time		
		Name	~	Kind	Expires	Keychair	n
1	•	CIPA-CE	ERT	certificate	Mar 24, 2024, 11:13:34 AM	login	
<u> </u>	Category						
Я	All Items						
1	Passwords						
<b>a</b>	Secure Notes						
2	My Certificates						
ę	Keys						
	Certificates						
		+ i Co	ру		1 item		

**3.** The information about the Certificate is displayed, as shown below. Please click on the triangle (next to *Trust*) as shown to view the *Trust* settings of the Certificate.



**4.** The Trust Settings are displayed for the Certificate, as shown below. Please click on the drop-down menu for "*When using this Certificate:* "as shown below.



#### 5. As shown below, please select the "Always Trust" setting.



**6.** Once you have performed step 6, the window should indicate "*Always Trust*" across all the settings, as shown below. Please click on the "x" to close the window and save this update to the Certificate.



7. Upon closing, you might be asked to enter the password. Upon entering the password, please click "Update Settings."



**8.** The settings are updated instantly. You should see the following window below indicate the Certificate is trusted.

•••		Keychain	Access		
Click to lock the log	gin keychain.				Q Search
Keychains <b>login</b> Local Items System System Roots	Certificate	CIPA-CERT Root certificate authority Expires: Sunday, March 24, 2024 at 11 This certificate is marked as trusted	1:13:34 AM Central Daylight Tir d for this account	ne	
	Name	∧ Kind	Expires	Keycha	ain
Category					
<ul> <li>All Items</li> <li>Passwords</li> <li>Secure Notes</li> <li>My Certificates</li> <li>Keys</li> <li>Certificates</li> </ul>					
	+ i Cop		1 item		

The Certificate is now installed. You can exit the settings/other windows and start using the CIPA service.

# **Chrome OS**

### **Important Note**

On a Chromebook, you apply SSL Certificates at the User level. This means that the Certificate needs to be installed for each user logging in (if more than one user uses the device).

#### Installing the CIPA Certificate (as a Trusted Root Certification Authority)

- Click on the link <u>https://www.cyberreef.com/download-cipa-certification/</u> to download the Certificate. You need to use the Chrome browser to download the Certificate. If you did not download the certificate file onto the Chromebook on which you are installing it, you must transfer the certificate file to that Chromebook (e.g. via USB drive or Google Drive)
- 2. In the Chrome Browser of the device you are installing the Certificate on, navigate to *chrome://settings* as shown below



3. Please click on "Privacy and Security" & then click on "More" as shown below



 Scroll down to HTTP/SSL, certificates settings and Click "Manage certificates" as shown below



**5.** The Certificate Manager window is displayed. Click "*Authorities*." The list of the current Certificate Authorities is displayed, click on "*Import*" as shown below

Settings - Manage certificates x +     ← → C	ttings/certificates	_ □ × ☆ :
Settings	Q Search settings	
You and Google	← Manage certificates	
Privacy and security	Your certificates Servers Authorities Others	
<ul> <li>Appearance</li> <li>Q Search engine</li> </ul>	You have certificates on file that identify these certificate authorities	
() On startup	org-AC Camerfirma S.A.	
Advanced 👻	org-AC Camerfirma SA CIF A82743287 🗸 🗸	
Extensions	org-ACCV ~	
About Chrome	org-Actalis S.p.A./03358520967	
	org-AddTrust AB	
	org-AffirmTrust	
	org-Agencia Catalana de Certificacio (NIF Q-0801176-I)	
	🧑 🖬 🖹 🛤 📎	2 3 In 9:

**6.** Locate the Certificate you downloaded in step 1 on the Chromebook & click *"Open"* as shown below

~ 7	My files > Downloads				Q <b>#</b>	ÂZ		A.
Settin	() Recent	Name	Size	Туре	Date modified ~	े तर	14	
1	Audio	cert_FT-CERT.crt	2 KB	CRT file	May 29, 2020, 12	:00 PM		
8	🔜 Images							
0	Wideos							
P	✓ ☐ My files							
۹	2 Downloads							
Ċ	> 🕅 Play files							
Advanc	> 💩 Google Drive							
Extens								
About								
						-		
	Base64-encoded ASCII, single	e certificate 👻			CANCEL	OPE	EN	

**7.** In the *Certificate authority* window that appears, select *"Trust this certificate for identifying websites"* & Click *"OK"* as shown below



**8.** If you scroll through the list, you should now be able to see the Certificate in the list of Authorities as shown below.

🔅 Settings - Manage certificates 🗙 🕂		_ 🗆 ×	
$\epsilon \rightarrow c$ @ Chrome   chrome://setti	ngs/certificates	☆ :	
Settings	Q Search settings		
You and Google	org-Certplus ~		
Autofill	org-certSIGN ~		
Privacy and security	org-China Financial Certification Authority $\sim$		
<ul> <li>Appearance</li> <li>Search engine</li> </ul>	org-Chunghwa Telecom Co., Ltd.		
() On startup	org-CIPA-CERT		
Advanced	CIPA-CERT :		
Extensions 🗾	org-Comodo CA Limited ~		
About Chrome	org-COMODO CA Limited 🗸		
	org-Cybertrust, Inc ~		
	org-D-Trust GmbH		
	org-Deutsche Telekom AG 🗸 🗸		
	🧿 🗹 🖹 😐 📎	<ul> <li>3 1 1</li> </ul>	0:03

The Certificate is now installed. You can exit the settings/other windows and start using the CIPA service.

Please let us know if you have issues installing the Certificate. You can email us the issues & queries at <u>cipa\_support@cyberreef.com</u>