

St Thomas More High School

BYOD Wireless Network

Certificate Installation

To configure uninterrupted access to a schools BYOD wireless network, two security certificates must be installed first. This document explains how to do this on various operating systems and devices.

Page 2: <u>Microsoft Edge / Chrome (Windows 10 / 11)</u> Page 3: <u>Firefox (Windows 7 / 8 / 8.1 / 10 / OS X)</u> Page 4: <u>Chromebook</u> Page 5: <u>iOS (iPhone / iPad / iPod Touch)</u> Page 6: <u>Android</u> Page 7: <u>OS X</u>

Microsoft Edge / Chrome (Windows 10 / 11)

Open Microsoft Edge/Chrome and navigate to:

1. Click the ca-cert.crt file	2. Click Open	3. Click Install Certificate
Co C= Ce ↓ Downloads	Open File - Security Warning ; Do you want to open this file?	Certificate X
 Click Local Machine Click Next 	 Click Place all certificates in the following store Click Browse 	 Click Trusted Root Certification Authorities Click OK
✓	Certificate Import Wizard Certificate stores Certificate stores are system areas where certificates are kapt. Certificate stores are system areas where certificates are kapt. Mondow can automatically select a certificate store, or you can specify a location for the certificate. Automatically select the certificate store, or you can specify a location for Certificate stores: Certificate stores: Certificate store: Certificate store:	Select Certificate Store × Select the certificate store you want to use. Select the certificate store you want to use. Personal Trusted Root Certification Authorities Enterprise Trust Intermediate Certification Authorities Trusted Publishers Show physical stores OK Cancel
10. Click Next	11. Click Finish	
Certificate Import Wizard Certificate Store 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. @ Place all certificates in the following store Certificate store: Trusted Root Certification Authorities Browse	E Certificate Import Wizard Completing the Certificate Import Wizard The certificate will be imported after you click Frish. You have specified the following settings: Certificate Store Selected by User Trusted Root Certification Authorities Content Certificate	
Next Cancel	Finish Cancel	

Firefox (Windows 7 / 8 / 8.1 / 10 / Mac OS X)

Open Firefox and navigate to

https://www.st-thomasmore.southend.sch.uk/uploads/documents/certificates/ca-cert.crt

1. Once downloaded, Click on Settings	2. Click on Privacy & Security	 Scroll down to Certificates Click View Certificates
Sync and save data Hight In New tab Ctrl+T New window Ctrl+N New private window Ctrl+Shift+P Bookmarks > History > Downloads Ctrl+Shift+A Print Ctrl+Shift+A Print Ctrl+Shift+A Print Ctrl+Shift+A Save page as Ctrl+S Find in page Ctrl+F Zoom 100% + Settings > Help > Exit Ctrl+Shift+Q	 General Home Search Privacy & Security Sync More from Mozilla 	Certificates Query OCSP responder servers to confirm the current validity of certificates Security Devices
5. Click Import	6. Click the ca-cert file	 Click Trust this CA to identify websites Click OK
Certificate Manager X Your Certificates Authentication Decisions People Servers Authentities Your bare certificates Authentication Decisions People Servers Authentities Your bare certificate subtorties Certificate Name Security Device Certificate Name Security Device Certificate Name Vour Camefirma S.A. Chambers of Commerce Root - 2008 Builtin Object Tolean Centerfirma SA Centerfirma SA Camefirma Chambersign Root - 2008 Builtin Object Tolean Camefirma Global Chambersign Root Builtin Object Tolean Camefirma Global Chambersign Root Builtin Object Tolean Venume Second Venume Center Commerce Center Commer	Staffaranting Grant/on(binger	Downloading Cettificate X You have been asked to trust a new Cettificate Authority (CA). Do you want to trust "smoothwall.st-thomasmore.southend sch.uk" for the following purposes? Imust this CA to identify web sites.

* Firefox 99.0 pictured

Chromebook

Open Chrome and navigate to

 Open Chrome, and in the address bar enter chrome://settings/certificates 	2. Select the Authorities tab, and then select Import
 ♦ Settings - Certificate max ♦ ♦ C • C • C • C • C • C • C • C • C •	Certificate manager × Your Certificates Servers Authorities Others Others You have certificates on file that identify these certificate authorities: ~ AC Camerfirma S.A. Chambers of Commerce Root - 2008 Global Chambersign Root - 2008 Global Chambersign Root - 2008 Chambers of Commerce Root Global Chambersign Root Chambers of Commerce Root Global Chambersign Root Chambers of Commerce Root Global Chambersign Root Corver ACCVRAIZI Chatalis S.p.A./03358520967 Actalis Authentication Root CA ViewEdit
3. Browse to where you extracted the certificate files and select the file named ca-cert.crt , then select OPEN .	 Ensure Trust this certificate for identifying websites is checked, and then select OK
Image: Settings-Contribution: x Image: Contribution: x	 Certificate authority Do you want to trust "smoothwall.st-thomasmore.southend.sch.uk" as a Certification Authority? Edit trust settings: Irust this certificate for identifying websites. Trust this certificate for identifying email users. Trust this certificate for identifying software makers.
Bose Accessed in color Bose G4 encoded ASCI, single certificate CANCEL	OK Cancel

iOS (iPhone / iPad / iPod Touch)

Open Safari and navigate to

https://www.st-thomasmore.southend.sch.uk/uploads/documents/certificates/ca-cert.crt

1. Tap Allow	 Go to Settings Tap Profile Downloaded 	4. Tap Install
This website is trying to download a configuration profile. Do you want to allow this?	Settings Q Search	Cancel Install Profile Install
Ignore Allow	Apple ID, ICloud, Media & Purchases Profile Downloaded Airplane Mode Airplane Mode Wi-Fi STM BYOD >	Signed by smoothwall.st-thomasmor Signed by smoothwall.st- thomasmore.southend.sch.uk Not Verified Contains Certificate More Details
5. Enter your Passcode	6. Tap Install	7. Tap Done
Enter Passcode	CancelWarningInstallUNMANAGED ROOT CERTIFICATEInstalling the certificate"smoothwall.st"thomasmore.southend.sch.uk" willadd it to the list of trusted certificateson your iPhone. This certificate will youadd it to the list of trusted certificate willon your iPhone. This certificate will youadd it to the list of trusted certificate willon your iPhone. This certificate will youadd it to the list of trusted certificate willon your iPhone. This certificate will youadd it to the list of trusted certificate willon your iPhone. This certificate will youadd it to the list of trusted certificate willon your iPhone. This certificate will youadd it to the list of trusted certificate willon your iPhone. This certificate will youadd it to the used for websites until youon your iPhone. This certificate will youadd it to the used for websites until youon your iPhone. This certificate will youadd it to the used for websites until youon youadd it to the used for websites until youon youadd it to the used for websites until youon youadd it to the used for websites until youon youadd it to the used for websites until youon youadd it to the used for websites until youon youadd it to the used for websites until youon youadd it to the used for websites until youon youadd it to the used for websites until youon youadd it to the used for websites until youon youadd it to the used for websites unti	Profile Installed Done Image: Signed by smoothwall.st-thomasmore.southend.sch.uk Verified Contains Certificate More Details >

* IOS 15.3.1 pictured

Android

Open Chrome and navigate to



OS X

Open Safari and navigate to

1. Click Allow	 Open Keychain Access Select System then click Add
Do you want to allow downloads on "www.st- thomasmore.southend.sch.uk"? You can change which websites can download files in Websites Preferences. Cancel Allow	Add Certificates Image: Constraint of the sector of the current user, or to the System keychain if they are to be shared by all users of this machine. Image: Constraint of the current user, or to the System keychain if they are to be shared by all users of this machine. Image: Constraint of the current user, or to the System keychain if they are to be shared by all users of this machine. Image: Constraint of the current user, or to the System keychain if they are to be shared by all users of this machine. Image: Constraint of the current user, or to the System keychain if they are to be shared by all users of this machine. Image: Constraint of the current user, or to the System keychain if they are to be shared by all users of this machine. Image: Constraint of the current user, or to the System keychain if they are to be shared by all users of this machine. Image: Constraint of the current user, or to the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or to the System keychain of the current user, or tot the
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 7. Select Always Trust from the top drop down menu 8. Click Close smoothwall.st-thomasmore.southend.sch.uk secure Sockets Layer (SSL) Always Trust Secure Mail (S/MIME) Always Trust Secure Mail (S/MIME) Always Trust Code Signing Always Trust Code Signing Always Trust X.509 Basic Policy Always Trust X.509 Basic Policy Always Trust Common Name smoothwall.st-thomasmore.southend.sch.uk Organisation St Thomas More High School Locality Westcliff 	