



Certificate Authority Trust List

- [Certificate Authority Trust List, page 1](#)

Certificate Authority Trust List

The following is the list of trusted Certificate Authorities embedded in the devices. For Mobile and Remote Access through Expressway, the Expressway server must be signed against one of these Certificate Authorities.

subject= C=NL O=Staat der Nederlanden CN=Staat der Nederlanden Root CA

subject= C=US O=VeriSign, Inc. OU=VeriSign Trust Network OU=(c) 1999 VeriSign, Inc. - For authorized use only CN=VeriSign Class 3 Public Primary Certification Authority - G3

subject= C=HU L=Budapest O=NetLock Halozatbiztonsagi Kft. OU=Tanusitvanykiadok CN=NetLock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado emailAddress=info@netlock.hu

subject= C=TR L=Gebze - Kocaeli O=T\xC3\xBCrkiye Bilimsel ve Teknolojik Ara\xC5\x9Ft\xC4\xB1rma Kurumu - T\xC3\x9CB\xC4\xB0TAK OU=Ulusal Elektronik ve Kriptoloji Ara\xC5\x9Ft\xC4\xB1rma Enstit\xC3\xBCs\xC3\xBC - UEKAE OU=Kamu Sertifikasyon Merkezi CN=T\xC3\x9CB\xC4\xB0TAK UEKAE K\xC3\xB6k Sertifika Hizmet Sa\xC4\x9Flay\xC4\xB1c\xC4\xB1s\xC4\xB1 - S\xC3\xBCr\xC3\xBCm 3

subject= C=BM O=QuoVadis Limited CN=QuoVadis Root CA 3

subject= C=US O=VeriSign, Inc. OU=VeriSign Trust Network OU=(c) 1999 VeriSign, Inc. - For authorized use only CN=VeriSign Class 1 Public Primary Certification Authority - G3

subject= C=DK O=TDC Internet OU=TDC Internet Root CA

subject= C=US O=VeriSign, Inc. OU=VeriSign Trust Network OU=(c) 2007 VeriSign, Inc. - For authorized use only CN=VeriSign Class 3 Public Primary Certification Authority - G4

subject= C=ZA ST=Western Cape L=Cape Town O=Thawte Consulting cc OU=Certification Services Division CN=Thawte Server CA emailAddress=server-certs@thawte.com

subject= O=RSA Security Inc OU=RSA Security 2048 V3

subject= C=US O=VeriSign, Inc. OU=Class 1 Public Primary Certification Authority - G2 OU=(c) 1998 VeriSign, Inc. - For authorized use only OU=VeriSign Trust Network

```

-----
subject= C=US O=The Go Daddy Group, Inc. OU=Go Daddy Class 2 Certification Authority
-----
subject= C=US O=AffirmTrust CN=AffirmTrust Networking
-----
subject= C=SK L=Bratislava O=Disig a.s. CN=CA Disig
-----
subject= C=FR O=Certinomis OU=0002 433998903 CN=Certinomis - Autorit\xC3\xA9 Racine
-----
subject= C=SE O=AddTrust AB OU=AddTrust External TTP Network CN=AddTrust External CA Root
-----
subject= L=ValiCert Validation Network O=ValiCert, Inc. OU=ValiCert Class 2 Policy Validation Authority
CN=http: www.valicert.com emailAddress=info@valicert.com
-----
subject= C=US O=GeoTrust Inc. CN=GeoTrust Primary Certification Authority
-----
subject= O=Cisco CN=ACT2 ECC SUDI CA
-----
subject= C=EU O=AC Camerfirma SA CIF A82743287 OU=http: www.chambersign.org CN=Global
Chambersign Root
-----
subject= C=US O=VeriSign, Inc. OU=VeriSign Trust Network OU=(c) 2008 VeriSign, Inc. - For authorized
use only CN=VeriSign Universal Root Certification Authority
-----
subject= C=JP O=SECOM Trust.net OU=Security Communication RootCA1
-----
subject= C=FI O=Sonera CN=Sonera Class2 CA
-----
subject= C=US O=America Online Inc. CN=America Online Root Certification Authority 1
-----
subject= C=US O=Equifax Secure OU=Equifax Secure eBusiness CA-2
-----
subject= C=US O=GeoTrust Inc. OU=(c) 2008 GeoTrust Inc. - For authorized use only CN=GeoTrust Primary
Certification Authority - G3
-----
subject= C=US O=SecureTrust Corporation CN=Secure Global CA
-----
subject= C=GB O=Trustis Limited OU=Trustis FPS Root CA
-----
subject= C=JP O=Japan Certification Services, Inc. CN=SecureSign RootCA11
-----
subject= C=IL O=StartCom Ltd. OU=Secure Digital Certificate Signing CN=StartCom Certification Authority
-----
subject= C=US O=Digital Signature Trust OU=DST ACES CN=DST ACES CA X6
-----
subject= emailAddress=pki@sk.ee C=EE O=AS Sertifitseerimiskeskus CN=Juur-SK
-----
subject= C=US ST=Arizona L=Scottsdale O=GoDaddy.com, Inc. CN=Go Daddy Root Certificate Authority
- G2
-----
subject= C=US ST=UT L=Salt Lake City O=The USERTRUST Network OU=http: www.usertrust.com
CN=UTN-USERFirst-Hardware
-----
subject= C=NO O=Buypass AS-983163327 CN=Buypass Class 2 Root CA
-----
subject= C=EU L=Madrid (see current address at www.camerfirma.com address) serialNumber=A82743287
O=AC Camerfirma S.A. CN=Global Chambersign Root - 2008
-----

```

subject= C=US O=VeriSign, Inc. OU=VeriSign Trust Network OU=(c) 2006 VeriSign, Inc. - For authorized use only CN=VeriSign Class 3 Public Primary Certification Authority - G5

subject= O=Cisco CN=Cisco ECC Root CA

subject= C=DE O=T-Systems Enterprise Services GmbH OU=T-Systems Trust Center CN=T-TeleSec GlobalRoot Class 3

subject= C=US O=DigiCert Inc OU=www.digicert.com CN=DigiCert Assured ID Root CA

subject= C=CH O=SwissSign AG CN=SwissSign Platinum CA - G2

subject= C=US ST=UT L=Salt Lake City O=The USERTRUST Network OU=http: www.usertrust.com CN=UTN - DATACorp SGC

subject= C=CH O=WiSeKey OU=Copyright (c) 2005 OU=OISTE Foundation Endorsed CN=OISTE WiSeKey Global Root GA CA

subject= C=NL O=Staat der Nederlanden CN=Staat der Nederlanden Root CA - G2

subject= O=Cisco CN=Cisco Licensing Root CA

subject= C=US ST=UT L=Salt Lake City O=The USERTRUST Network OU=http: www.usertrust.com CN=UTN-USERFirst-Network Applications

subject= C=ch O=Swisscom OU=Digital Certificate Services CN=Swisscom Root CA 1

subject= C=JP O=SECOM Trust Systems CO.,LTD. OU=Security Communication RootCA2

subject= C=US O=DigiCert Inc OU=www.digicert.com CN=DigiCert High Assurance EV Root CA

subject= C=HU L=Budapest O=NetLock Kft. OU=Tan\xC3\xBAs\xC3\xADtv\xC3\xA1nykiad\xC3\xB3k (Certification Services) CN=NetLock Arany (Class Gold) F\xC5\x91tan\xC3\xBAs\xC3\xADtv\xC3\xA1ny

subject= C=NO O=Buypass AS-983163327 CN=Buypass Class 3 CA 1

subject= C=US O=VeriSign, Inc. OU=VeriSign Trust Network OU=(c) 1999 VeriSign, Inc. - For authorized use only CN=VeriSign Class 2 Public Primary Certification Authority - G3

subject= C=PL O=Unizeto Sp. z o.o. CN=Certum CA

subject= C=ZA ST=Western Cape L=Cape Town O=Thawte Consulting cc OU=Certification Services Division CN=Thawte Premium Server CA emailAddress=premium-server@thawte.com

subject= C=TW O=Chunghwa Telecom Co., Ltd. OU=ePKI Root Certification Authority

subject= C=US O=VeriSign, Inc. OU=Class 2 Public Primary Certification Authority

subject= L=ValiCert Validation Network O=ValiCert, Inc. OU=ValiCert Class 3 Policy Validation Authority CN=http: www.valicert.com emailAddress=info@valicert.com

subject= C=DE O=TC TrustCenter GmbH OU=TC TrustCenter Universal CA CN=TC TrustCenter Universal CA I

subject= C=EU O=AC Camerfirma SA CIF A82743287 OU=http: www.chambersign.org CN=Chambers of Commerce Root

subject= C=US O=VISA OU=Visa International Service Association CN=Visa eCommerce Root

```

-----
subject= C=FR O=Certplus CN=Class 2 Primary CA
-----
subject= C=US O=VeriSign, Inc. OU=Class 3 Public Primary Certification Authority
-----
subject= C=FI O=Sonera CN=Sonera Class1 CA
-----
subject= OU=GlobalSign Root CA - R2 O=GlobalSign CN=GlobalSign
-----
subject= C=EU L=Madrid (see current address at www.camerfirma.com address) serialNumber=A82743287
O=AC Camerfirma S.A. CN=Chambers of Commerce Root - 2008
-----
subject= C=PL O=Unizeto Technologies S.A. OU=Certum Certification Authority CN=Certum Trusted
Network CA
-----
subject= C=US O=Equifax Secure Inc. CN=Equifax Secure Global eBusiness CA-1
-----
subject= C=JP O=Japanese Government OU=ApplicationCA
-----
subject= C=DE O=TC TrustCenter GmbH OU=TC TrustCenter Class 3 CA CN=TC TrustCenter Class 3
CA II
-----
subject= C=US O=VeriSign, Inc. OU=Class 3 Public Primary Certification Authority - G2 OU=(c) 1998
VeriSign, Inc. - For authorized use only OU=VeriSign Trust Network
-----
subject= C=DE O=Deutsche Telekom AG OU=T-TeleSec Trust Center CN=Deutsche Telekom Root CA 2
-----
subject= C=US O=America Online Inc. CN=America Online Root Certification Authority 2
-----
subject= C=DK O=TDC CN=TDC OCES CA
-----
subject= C=US O=SecureTrust Corporation CN=SecureTrust CA
-----
subject= C=HU L=Budapest O=NetLock Halozatbiztonsagi Kft. OU=Tanusitvanykiadok CN=NetLock Uzleti
(Class B) Tanusitvanykiado
-----
subject= C=CN O=CNNIC CN=CNNIC ROOT
-----
subject= CN=EBG Elektronik Sertifika Hizmet Sa\xC4\x9Flay\xC4\xB1c\xC4\xB1s\xC4\xB1 O=EBG
Bili\xC5\x9Fim Teknolojileri ve Hizmetleri A.\xC5\x9E. C=TR
-----
subject= C=US O=GeoTrust Inc. OU=(c) 2007 GeoTrust Inc. - For authorized use only CN=GeoTrust Primary
Certification Authority - G2
-----
subject= C=US O=VeriSign, Inc. OU=Class 1 Public Primary Certification Authority
-----
subject= C=US O=thawte, Inc. OU=Certification Services Division OU=(c) 2006 thawte, Inc. - For authorized
use only CN=thawte Primary Root CA
-----
subject= C=US ST=Arizona L=Scottsdale O=Starfield Technologies, Inc. CN=Starfield Services Root
Certificate Authority - G2
-----
subject= O=Cisco CN=Cisco Root CA M2
-----
subject= C=US O=Wells Fargo OU=Wells Fargo Certification Authority CN=Wells Fargo Root Certificate
Authority
-----
subject= C=DE O=TC TrustCenter GmbH OU=TC TrustCenter Universal CA CN=TC TrustCenter Universal

```

CA III

subject= C=US O=GTE Corporation OU=GTE CyberTrust Solutions, Inc. CN=GTE CyberTrust Global Root

subject= C=US O=Entrust.net OU=www.entrust.net CPS incorp. by ref. (limits liab.) OU=(c) 1999 Entrust.net Limited CN=Entrust.net Secure Server Certification Authority

subject= C=CH O=SwissSign AG CN=SwissSign Silver CA - G2

subject= C=NO O=Buypass AS-983163327 CN=Buypass Class 2 CA 1

subject= C=US O=VeriSign, Inc. OU=Class 3 Public Primary Certification Authority

subject= C=US O=DigiCert Inc OU=www.digicert.com CN=DigiCert Global Root CA

subject= C=US O=thawte, Inc. OU=(c) 2007 thawte, Inc. - For authorized use only CN=thawte Primary Root CA - G2

subject= C=HU ST=Hungary L=Budapest O=NetLock Halozatbiztonsagi Kft. OU=Tanusitvanykiado CN=NetLock Kozjegyzoi (Class A) Tanusitvanykiado

subject= C=US O=Starfield Technologies, Inc. OU=Starfield Class 2 Certification Authority

subject= C=DE O=TC TrustCenter GmbH OU=TC TrustCenter Class 2 CA CN=TC TrustCenter Class 2 CA II

subject= C=ES CN=Autoridad de Certificacion Firmaprofesional CIF A62634068

subject= C=FR O=Dhimyotis CN=Certigna

subject= C=US ST=UT L=Salt Lake City O=The USERTRUST Network OU=http: www.usertrust.com CN=UTN-USERFirst-Client Authentication and Email

subject= C=BE O=GlobalSign nv-sa OU=Root CA CN=GlobalSign Root CA

subject= C=US O=Entrust, Inc. OU=www.entrust.net CPS is incorporated by reference OU=(c) 2006 Entrust, Inc. CN=Entrust Root Certification Authority

subject= C=US O=VeriSign, Inc. OU=Class 2 Public Primary Certification Authority - G2 OU=(c) 1998 VeriSign, Inc. - For authorized use only OU=VeriSign Trust Network

subject= C=US ST=Arizona L=Scottsdale O=Starfield Technologies, Inc. CN=Starfield Root Certificate Authority - G2

subject= C=US O=VeriSign, Inc. OU=Class 4 Public Primary Certification Authority - G2 OU=(c) 1998 VeriSign, Inc. - For authorized use only OU=VeriSign Trust Network

subject= C=US OU=www.xrampsecurity.com O=XRamp Security Services Inc CN=XRamp Global Certification Authority

subject= C=US O=AffirmTrust CN=AffirmTrust Premium ECC

subject= C=US O=VeriSign, Inc. OU=VeriSign Trust Network OU=(c) 1999 VeriSign, Inc. - For authorized use only CN=VeriSign Class 4 Public Primary Certification Authority - G3

subject= C=BM O=QuoVadis Limited CN=QuoVadis Root CA 2

subject= C=CO O=Sociedad Cameral de Certificaci\C3\B3n Digital - Certic\C3\A1mara S.A. CN=AC

Ra\xC3\xADz Certic\xC3\xA1mara S.A.

subject= C=US O=VeriSign, Inc. OU=Class 1 Public Primary Certification Authority

subject= C=TW O=TAIWAN-CA OU=Root CA CN=TWCA Root Certification Authority

subject= C=GB ST=Greater Manchester L=Salford O=Comodo CA Limited CN=AAA Certificate Services

subject= C=US O=Equifax OU=Equifax Secure Certificate Authority

subject= C=AT O=A-Trust Ges. f. Sicherheitssysteme im elektr. Datenverkehr GmbH OU=A-Trust-nQual-03
CN=A-Trust-nQual-03

subject= C=IE O=Baltimore OU=CyberTrust CN=Baltimore CyberTrust Root

subject= OU=GlobalSign Root CA - R3 O=GlobalSign CN=GlobalSign

subject= C=HK O=Hongkong Post CN=Hongkong Post Root CA 1

subject= C=US O=AffirmTrust CN=AffirmTrust Premium

subject= C=CH O=SwissSign AG CN=SwissSign Gold CA - G2

subject= C=US O=Equifax Secure Inc. CN=Equifax Secure eBusiness CA-1

subject= O=Digital Signature Trust Co. CN=DST Root CA X3

subject= C=NO O=Buypass AS-983163327 CN=Buypass Class 3 Root CA

subject= C=US O=GeoTrust Inc. CN=GeoTrust Global CA

subject= C=BM O=QuoVadis Limited OU=Root Certification Authority CN=QuoVadis Root Certification
Authority

subject= O=Cisco Systems CN=Cisco Root CA 2048

subject= C=US ST=UT L=Salt Lake City O=The USERTRUST Network OU=http: www.usertrust.com
CN=UTN-USERFirst-Object

subject= C=HU L=Budapest O=NetLock Halozatbiztonsagi Kft. OU=Tanusitvanykiadok CN=NetLock
Expressz (Class C) Tanusitvanykiado

subject= O=Cisco Systems CN=Cisco Manufacturing CA

subject= L=ValiCert Validation Network O=ValiCert, Inc. OU=ValiCert Class 1 Policy Validation Authority
CN=http: www.valicert.com emailAddress=info@valicert.com

subject= C=US O=Wells Fargo WellsSecure OU=Wells Fargo Bank NA CN=WellsSecure Public Root
Certificate Authority

subject= C=US O=thawte, Inc. OU=Certification Services Division OU=(c) 2008 thawte, Inc. - For authorized
use only CN=thawte Primary Root CA - G3

subject= C=IT L=Milan O=Actalis S.p.A. 03358520967 CN=Actalis Authentication Root CA

subject= O=Cisco CN=ACT2 SUDI CA

subject= C=US O=AffirmTrust CN=AffirmTrust Commercial

subject= C=RO O=certSIGN OU=certSIGN ROOT CA

subject= C=GR O=Hellenic Academic and Research Institutions Cert. Authority CN=Hellenic Academic
and Research Institutions RootCA 2011

subject= C=JP O=SECOM Trust Systems CO.,LTD. OU=Security Communication EV RootCA1
