



SUOMI/FINLAND (FINLAND) : Trusted List

Tsl Id: id_for_enveloped_signing_of_the_entire_list

Valid until nextUpdate value: 2016-12-29T00:00:00Z

TSL signed on: 2016-07-01T04:20:23Z

TSL Scheme Information

TSL Id	<i>id_for_enveloped_signing_of_the_entire_list</i>
TSLTag	<i>http://uri.etsi.org/19612/TSLTag</i>
TSL Version Identifier	<i>5</i>
TSL Sequence Number	<i>21</i>
TSL Type	<i>http://uri.etsi.org/TrstSvc/TrustedList/TSLType/EUgeneric</i>

Scheme Operator Name

Name	<i>[en]</i>	<i>Finnish Communications Regulatory Authority</i>
Name	<i>[en]</i>	<i>FICORA</i>
Name	<i>[fi]</i>	<i>FICORA - Viestintävirasto</i>

PostalAddress

Street Address	<i>[en]</i>	<i>Itämerenkatu 3A</i>
Locality	<i>[en]</i>	<i>Helsinki</i>
Postal Code	<i>[en]</i>	<i>00181</i>
Country Name	<i>[en]</i>	<i>FI</i>

ElectronicAddress

URI	<i>mailto:kirjaamo@ficora.fi</i>
URI	<i>http://www.viestintavirasto.fi/en/index.html</i>

Scheme Name

Name	<i>[en]</i>	<i>FI:Trusted list including information related to the qualified trust service providers which are supervised by the issuing Member State, together with information related to the qualified trust services provided by them, in accordance with the relevant provisions laid down in Regulation (EU) No 910/2014 of the European Parliament and of the Council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC.</i>
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Scheme Information URI

URI	<i>[en]</i>	<i>https://www.viestintavirasto.fi/en/informationsecurity/electronicidentificationandsignature/registertofcertificationauthoritiesprovidingqualifiedcertificates.html</i>
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Status Determination Approach	<i>http://uri.etsi.org/TrstSvc/TrustedList/StatusDetn/EUappropriate</i>
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Scheme Type Community Rules

URI	[en]	http://uri.etsi.org/TrstSvc/TrustedList/schemerules/EUcommon
URI	[en]	http://uri.etsi.org/TrstSvc/TrustedList/schemerules/FI
Scheme Territory	FI	
Policy Or Legal Notice		
TSL Legal Notice	[en]	<i>The applicable legal framework for the present trusted list is Regulation (EU) No 910/2014 of the European Parliament and of the Council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC.</i>
TSL Legal Notice	[fi]	<i>Tämän Suomen valvottuja/akkreditoituja varmennepalvelujen tarjoajia koskevan luotetun luettelon TSL- toteutuksen suhteen noudatettava lakikehys on Euroopan parlamentin ja neuvoston direktiivi 1999/93/EY, annettu 13 päivänä joulukuuta 1999, sähköisiä allekirjoituksia koskevista yhteisön puitteista sekä sen implementointi Suomen laissa.</i>
Historical Information Period	65535	

Pointer to other TSL - EUROPEAN UNION

1.EU TSL - MimeType: application/vnd.etsi.tsl+xml

TSL Location	https://ec.europa.eu/information_society/policy/esignature/trusted-list/tl-mp.xml
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EU TSL digital identities

TSL Scheme Operator certificate fields details

Version: 3

Serial Number: 694395474722160626358886281620874695673047986886

X509 Certificate

-----BEGIN CERTIFICATE-----

[illegible]

-----END CERTIFICATE-----

Signature algorithm:	<i>SHA1withRSA</i>
Issuer CN:	<i>QuoVadis EU Issuing Certification Authority G2</i>
Issuer OU:	<i>Issuing Certification Authority</i>

Issuer O: QuoVadis Trustlink B.V.
Issuer C: NL
Subject CN: EC_DIGIT
Subject OU: Informatics
Subject O: European Commission
Subject L: Etterbeek
Subject ST: Brussel
Subject C: BE
Valid from: Wed Oct 30 13:27:11 CET 2013
Valid to: Sun Oct 30 13:27:11 CET 2016
Public Key: 30820122300D06092A864886F70D01010105000382010F003082010A0282010100982492ABC99996A49D00BB73A1FA2C4AF7746B50E487CE0771C0659C4E65B6FCB5D33528C4CEDE0227C90B91C015E210774E74E6E663F95E6406B52FDFA003E571880D7224199C2739D7E09D930B23D12E4D8D4442C6BBAE55C2B2B65A1A7C7BB2C035CFBAA509FEE702A1DB77A1666DB598B5DC89C67CC2192C5066FF87CA7A3437B5704943EAF78D73D0B0C0AD904F41B499088461C86A8C992AC98F0711A93CB7E09B202E11AE1CB18771C8D5F08AD16292F498DB3D015BB0699FA4166E2CF6196333F851722A7C155872DCA875C4809D27E6CBA87248CAA95524618D19F828FD047C796AE0473E1F79B0BAA05DD0CE2F4C99599BE3F0609073105CC5B0203010001
Certificate Policies Policy OID: 0.4.0.1456.1.2
Policy OID: 1.3.6.1.4.1.8024.1.400
CPS pointer: <http://www.quovadisglobal.nl/documenten>
QCStatements - crit. = false id_etsi_qcs_QcCompliance
Authority Info Access <http://ocsp.quovadisglobal.com>
<http://trust.quovadisglobal.com/qveucag2.crt>
Authority Key Identifier E0:F8:0E:F9:D4:B5:F2:7F:49:23:B6:C3:79:C7:A3:35:1F:86:7A:88
CRL Distribution Points <http://crl.quovadisglobal.com/qveucag2.crl>
Subject Key Identifier 37:37:86:02:05:25:30:DA:98:31:1E:41:CC:C8:EC:BA:2D:E2:E6:95
Key Usage: nonRepudiation
Thumbprint algorithm: SHA-256
Thumbprint: F1:BC:DD:11:7B:15:54:17:38:13:A4:21:83:C5:4D:B9:7E:3A:7E:10:9D:0A:FA:98:F4:BC:D3:26:75:4A:03:51

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version: 3

Serial Number: 21267647932559079066510326516695893879

X509 Certificate

-----BEGIN CERTIFICATE-----

[illegible]

-----END CERTIFICATE-----

Signature algorithm: *SHA1withRSA*

Issuer SERIAL NUMBER: 201306

Issuer CN: Citizen CA

Issuer C: *BE*

Subject SERIAL NUMBER: 60021211919

Subject GIVEN NAME: *Pierre André*

Subject SURNAME: *Damas*

Subject CN: *Pierre Damas (Signature)*

Subject C: *BE*

Valid from: Wed Jul 17 19:44:08 CEST 2013

Valid to: Sat Jul 14 01:59:59 CEST 2018

Public Key: 30 81 9F 30 0D 06 09 2A 86 48 76 D7 01 01 01 05 00 03 81 8D 00 30 81 89 02 81 81 80 C8 BF EE C3 BE 1 CCB C0 D6 E9 AE 2A D4 0C 66 98 45 2D BE 8C 16 6D 37 67 18 5E E9 68 29 2A 80 73 94 3F F0 51 26 93 48 2C 63 11 7E FF 87 64 B7 C8 60 0A F6 C7 29 86 E8 57 2F 4D F3 71 41 B2 05 5F CF 32 63 0A 41 62 C5 A7 27 76 83 E4 FE 10 AC DD BE 7D 9C 70 C5 F5 F1 45 17 17 FA DD F4 20 1A 6B F9 66 05 BF F1 A1 26 1A 05 A3 43 D6 51 E8 42 E1 EC A6 9C C7 CE 0F 9E CF C7 84 C6 95 04 6B 73 0C 03 01 00 01

Authority Key Identifier C3:0F:C3:72:4D:3F:DE:B2:38:DE:39:2E:47:64:50:FF:F2:8F:E3:C7

Authority Info Access <http://certs.eid.belgium.be/belgiumrs2.crt>

<http://ocsp.eid.belgium.be>

Certificate Policies *Policy OID: 2.16.56.9.1.1.2.1*

CPS pointer: <http://repository.eid.belgium.be>

CRL Distribution Points <http://crl.eid.belgium.be/eidc201306.crl>

QCStatements - crit. = false *id etsi qcs QcCompliance*

Key Usage: *nonRepudiation*

Thumbprint algorithm: *SHA-256*

Thumbprint:	FF:EA:7F:0E:D2:9B:EB:07:73:EA:3B:0C:47:29:BB:F8:00:A6:C3:90:B6:21:95:CB:27:0F:12:A4:A
A:62:F2:84	
EU TSL digital identities	
TSL Scheme Operator certificate fields details	
Version:	3
Serial Number:	21267647932559078025136389726459194295
X509 Certificate	-----BEGIN CERTIFICATE----- MIIDTCCAuWgAwIBAgIQEAAAAAAAWcsEUPy16SDrtzANBgkqhkiG9w0BAQUFAADAQAwCOYDVQOG EwKCCjMBEGAUUEAAMGMzM2NDI0MjYxMDQTEPMAGGAUUEBMCMQAUAUAgBgNVBAMTAmtGU1BYXJ0ZW4gTSR0b3kg MVNoXDTE4MDExODI2NTk1OVowbzELMAAKGAUUEBBMCQKUxIjAgBgNVBAMTAmtGU1BYXJ0ZW4gTSR0b3kg KFNpd2ShdHVVZSxcDjAMBGNVBAOTBU90dG95MRywFAYDVQQKEw1NYWYydGVudGEvcmlzMROwEgYD VQoFEwMdeYMTQyNDIwMjcBrzANBgkqhkiG9w0BAQEFAAOBjQAwgYqCgYEAghr1TKUSYkub4n+Y i+cokyq7mbf8PgyjWQ28uODqRCkymagLz468iCIYssM++QdqEFq4ZSZ1YD6bYb5Kscdfbmkr9D +G49WVt9lg+FmgbcexwCW1086Q+-NAogw6lKkrs2wpLEJwteS1VFzwAm+WLEImNmclphYRT LSUCIAwEAAsOCAMvaggFPABMGAIUdlwQYMBAFlwsiYAdFSYALasvSToorRS1FsmNMCGGCCSGAQIF BwEBBGflwYDA2BgggrBgEFBQcwAoYqaHR0cDovL2NlcmRzlLnVpZCSIZWnaXVILmJllL2JlbGdpdWly czhoYSR0MUYGCCSGAQIUFBzABhhpsodIRwOshvb2NzcSlawQytmVsZ2l1BS5UZTBEBGNVHSAPTA7 MDKGEDACQEBAGelwLjAsBggrBgEFBQcCARygaHR0cDovL2NlcmRzlLnVpZCSIZWnaXVILmJllL2JlbGdpdWly YmluOQYQYVR0BDlwMDAucygKeYoaHR0cDovL2NytcSlawQuYmVsZ2l1BS5UZS9laWRgmjAxMEdEx LmNybdAOBgNVHQBAIEBAMCBkAwEeQYIJYZIA1yb4QgEBBAQDAglgMBGGCCSGAQIUFBwEDBAwwCjAl BgYEALSCAGFwPCYJkoZtlbnCAQEFBQAAggegEADNRgepODMAEDToJfgdBWgPlenUG7dkz2JK9U2l EWUbyQthrghsk6YMAHBvzL+7BHlouMEAuxycZG3ozAtEDRZmfWyoSQlnHUe0ThaAvs8v5wYO UO7l6vmaNLLO7W3LSKCrEvazSh0lh9wMyilNp89dd02l7MD4BsdXoMN2lAE8su59BmNayLF6 YFIczZos40QClebwjskYIVC4WMYoudr+CpE4BNB41o2q2JJfqarPTWlphixX7pYkto6 RXldgaZnoB4YIRwGoZvecgdyRVapeYrnFSooppNHQqd8NZswjGzqBhlWYPxsdxjsJUlYk7Tlc= -----END CERTIFICATE-----
Signature algorithm:	SHA1withRSA
Issuer SERIAL NUMBER:	201311
Issuer CN:	Citizen CA
Issuer C:	BE
Subject SERIAL NUMBER:	83121424102
Subject GIVEN NAME:	Maarten Joris
Subject SURNAME:	Ottoy
Subject CN:	Maarten Ottoy (Signature)
Subject C:	BE
Valid from:	Wed Jul 24 03:45:31 CEST 2013
Valid to:	Thu Jul 19 01:59:59 CEST 2018
Public Key:	30819F300D06092A864886F70D010101050003818D00203081890281818D00BAF54FC512624BA1E17F988BE728CA4ABB99B17C3E38328D6436F2E383A910A4CA7BA27 E3AF2D088631B0CFEFFED076A105AB86796756036C161BE4AB317C19A4CEBF43F86B78F62595B7D220F8586781B39EC70096D74F2DE90FE340A3A83097A20A933B 6C29109230B5CE75543CEF33E5A413598D99C9698584532F950203010001
Authority Key Identifier	BC:2C:D5:8D:1D:4F:76:17:7C:0C:EF:6B:94:E8:F5:1E:75:16:63:61
Authority Info Access	http://certs.eid.belgium.be/belgiumrs2.crt http://ocsp.eid.belgium.be
Certificate Policies	Policy OID: 2.16.56.9.1.1.2.1 CPS pointer: http://repository.eid.belgium.be

TSL Scheme Operator certificate fields details

Version: 3

Serial Number: 505234932823532549198528995630307842349301805796

[illegible]

Signature algorithm:	<i>SHA1withRSA</i>
Issuer CN:	<i>QuoVadis EU Issuing Certification Authority G2</i>
Issuer OU:	<i>Issuing Certification Authority</i>
Issuer O:	<i>QuoVadis Trustlink B.V.</i>
Issuer C:	<i>NL</i>
Subject CN:	<i>EC_CNECT</i>
Subject OU:	<i>DG CONNECT</i>
Subject O:	<i>European Commission</i>
Subject L:	<i>Etterbeek</i>
Subject ST:	<i>Brussel</i>
Subject C:	<i>BE</i>

Valid from: *Fri Dec 04 13:09:35 CET 2015*

Valid to: *Tue Dec 04 13:09:24 CET 2018*

Public Key: *30820122300D06092A864886F70D01010105000382010F003082010A0282010100B574283E63F80CF4990CAB8771E72A5FA76EAC29CC0BA212299B640BAE3A0310F4FE50D84216AC00AE00D2D72B11578A4C4E4895A0FA7632B49FEDCBED67AD869C366869EDC61CE14A05DD6CD00A2CFADDAB4A4F40B8D38CACE0C16801A1B40D62A5F2B847ADFA2E4D6A26D160F12DA6D5F3A18D0F89FE99BF7A9AB819422677FB91B1A41EAF6C87CB045E731A5868E6D041E76B8C3538752E39F309B83DD9C6A9403B7E451AD488179EDD83124F7168DE42904CA681B8EF718009E0C82CFFDF83BF09B9D9D21A31CD6F68FD4C3767545B8E445832AD6917D5F5F964032D224FC3FCAAF524C869F55C15E733F832A213AAAF5C49A3F4F6F3C35FA02B9853E54128B0203010001*

Certificate Policies *Policy OID: 0.4.0.1456.1.2*
Policy OID: 1.3.6.1.4.1.8024.1.400
CPS pointer: <http://www.quovadisglobal.nl/documenten>

QCStatements - crit. = false *id_etsi_qcs_QcCompliance*

Authority Info Access *<http://ocsp.quovadisglobal.com>*
<http://trust.quovadisglobal.com/qveucag2.crt>

Authority Key Identifier *E0:F8:0E:F9:D4:B5:F2:7F:49:23:B6:C3:79:C7:A3:35:1F:86:7A:88*

CRL Distribution Points *<http://crl.quovadisglobal.com/qveucag2.crl>*

Subject Key Identifier *41:7F:78:5E:C0:C5:CD:01:4D:89:21:A9:6E:84:2A:07:9D:CC:8B:20*

Key Usage: *nonRepudiation*

Thumbprint algorithm: *SHA-256*

Thumbprint: *59:C8:0D:CC:74:29:CC:FD:8C:2B:15:90:FE:88:5F:B4:F6:C7:7F:7C:9C:BB:4B:82:A6:2C:B1:C2:7F:F4:E2:46*

TSL Type *<http://uri.etsi.org/TrstSvc/TrustedList/TSLType/EUlistofthelists>*

Scheme Territory *EU*

Mime Type *application/vnd.etsi.tsl+xml*

Scheme Operator Name

Name *[en] European Commission*

Scheme Type Community Rules

URI *[en] <http://uri.etsi.org/TrstSvc/TrustedList/schemerules/EUlistofthelists>*

List Issue Date Time *2016-07-01T04:00:00Z*

Next Update

date Time *2016-12-29T00:00:00Z*

Distribution Points

URI

<https://www.viestintavirasto.fi/attachments/TSL-Ficora.xml>

URI

https://www.viestintavirasto.fi/attachments/HumanReadable_TSL-Ficora.xml.pdf

35 - TSP: Population Register Centre

TSP Name

Name	[en]	Population Register Centre
Name	[fi]	Vaestorekisterikeskus
Name	[fi]	VRK

TSP Trade Name

Name	[en]	NTRFI-0245437-2
Name	[en]	Vaestorekisterikeskus CA

PostalAddress

Street Address	[en]	P.O.Box 123
Locality	[en]	Helsinki
Postal Code	[en]	00531
Country Name	[en]	FI

ElectronicAddress

URI		mailto:kirjaamo@vrk.fi
URI		http://www.vrk.fi/en

TSP Information URI

URI	[en]	http://vrk.fi/en/frontpage
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35.1 - Service (granted): VRK Gov. CA for Citizen Qualified Certificates

Service Type Identifier

<http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

Service type description	[en]	A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.
	[en]	A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.
	[en]	A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.
	[en]	A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.

Service Name

Certificate fields details

Version: 3

Serial Number: 100505

[illegible]

Signature algorithm: *SHA1withRSA*

Issuer CN: VRK Gov. Root CA

Issuer OU: *Varmennepalvelut*

Issuer OU: *Certification Authority Services*

Issuer O: *Vaestorekisterikeskus CA*

Issuer ST: *Finland*

Issuer C: *FI*

Subject CN: *VRK Gov. CA for Citizen Qualified Certificates*

Subject OU: *Valtion kansalaisvarmenteet*

Subject O: *Vaestorekisterikeskus CA*

Subject ST: *Finland*

Subject C: *FI*

Valid from: *Fri Jan 10 13:59:05 CET 2003*

Valid to: Wed Jan 09 13:58:30 CET 2019

Public Key:

30 82 01 22 30 82 06 09 2a 48 bc 07 f1 0d 01 01 05 00 81 82 01 00 30 82 01 02 82 01 01 00 b9 92 3e 76 e8 91 71 0c 73 14 01 04 14 f8 11 75 15 34 34 1c e3 bc 7d 82 03 dc 79 a0 57 bc 91 84 70 81 f1 fd b8 68 06 f1 67 2b 07 6 a 8c 00 71 4 2 d 01 7 3 14 04 c a 75 96 b 3 08 b6 92 03 04 d9 63 21 07 81 41 77 90 96 32 c1 81 3 c 81 07 c6 c5 d3 5a 2 f2 b2 e5 49 62 d4 1 f 8 c 5b 62 f4 1 d f a 8 c 5 b a6 08 96 04 06 20 f2 03 f2 42 94 19 a4 51 1 f f8 3e 06 75 45 f2 f9 e9 a4 29 47 7e 64 23 31 6 e 2d 3 c 82 00 07 07 55 31 47 81 b4 d5 1b a4 70 f5 bc 71 01 53 d8 04 02 10 2 d f b a 8 c 32 74 b d b6 10 95 f1 68 86 3c c1 70 45 44 1 c3 5b 0a 11 f3 c3 b6 61 24 a4 62 42 63 48 50 00 01 a9 c4 77 75 79 90 f1 b3 c0 7b 13 b4 e4 f7 81

Basic Constraints *IsCA: true - Path length: 0*

Certificate Policies

Policy OID: 1.2.246.517.1.10.1.1

CPS text: [Varmennepolitiikka on saatavilla - Certifikat policy finns - Certificate policy is available
http://www.fineid.fi/cps1]

CPS pointer: http://www.fineid.fi/cps1/

Authority Info Access

http://proxy.fineid.fi/ca/vrkrootc.crt

Authority Key Identifier

DB:E9:E1:9B:D2:D1:24:0B:FC:AB:E3:A0:67:EA:AE:9C:4B:77:F4:B0

CRL Distribution Points

http://proxy.fineid.fi/arl/vrkroota.crl

Subject Key Identifier

88:5A:6F:1D:42:47:82:86:FD:D7:E9:0D:B2:57:CF:4D:50:28:04:17

Key Usage:

digitalSignature - nonRepudiation - keyCertSign - cRLSign

Thumbprint algorithm:

SHA-256

Thumbprint:

36:C5:EB:DE:1D:6A:9A:0E:D4:E6:6B:61:4A:0C:7A:21:7A:07:7D:C6:38:EE:70:4F:BF:66:68:44:3B:59:54:B1

Service Status

http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted

Service status description

[en]

undefined.

[en]

undefined.

[en]

undefined.

[en]

undefined.

Status Starting Time

2016-06-30T22:00:00Z

35.1.1 - Extension (critical): additionalServiceInformation**AdditionalServiceInformation****URI**

[en]

http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures

35.1.2 - History instance n.1 - Status: undersupervision**Service Type Identifier**

http://uri.etsi.org/TrstSvc/Svctype/CA/QC

Service Name**Name**

[en]

VRK Gov. CA for Citizen Qualified Certificates

Service digital identities**X509SubjectName****Subject CN:**

VRK Gov. CA for Citizen Qualified Certificates

X509 SK I *iFpvHUJHgob9l+kNslfPTVAoBBc=*

Service Status	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision
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Status Starting Time 2003-03-31T10:00:00Z

Service type description	[en] A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.
	[en] A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.
	[en] A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.
	[en] A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.

Name [en] VRK Gov. CA for Citizen Qualified Certificates - G2

Version: 3

Serial Number: 109205

Signature algorithm:	<i>SHA1withRSA</i>
Issuer CN:	<i>VRK Gov. Root CA</i>
Issuer OU:	<i>Varmennepalvelut</i>
Issuer OU:	<i>Certification Authority Services</i>
Issuer O:	<i>Vaestorekisterikeskus CA</i>
Issuer ST:	<i>Finland</i>
Issuer C:	<i>FI</i>
Subject CN:	<i>VRK Gov. CA for Citizen Qualified Certificates - G2</i>
Subject OU:	<i>Valtion kansalaisvarmenteet</i>
Subject O:	<i>Vaestorekisterikeskus CA</i>
Subject C:	<i>FI</i>
Valid from:	<i>Thu Nov 21 12:14:33 CET 2013</i>
Valid to:	<i>Sun Dec 17 22:59:59 CET 2023</i>
Public Key:	<pre> 30820222300D06092A864886F70D01010105000382020F003082020A028202010004AA75B2E71AF7A470586296A91AC55528296E17DBBF8573C023F9FEC40748236ED4 D62C92157CE959AE5F7FC5065A11C7818C5B431644708DD4C77D95623C2DDC963DE7F607E19FE2AE125FD8FDE47DDAD9F293AF042120F29362E0E5DDF832C886D CEAD02E0A77233AF5487082E0B26C8B0D0F17161DE80B74FBF2237C855971E675700BCE8953FBF858AA15F2FB65971DC16FCBACA04D66EAI30FF5676F05022A015935 1CB E32FE803D64B9DBB981C57A1DC7B9893AC0933DE5D40B621D71E94E42F1A396A9A3CAA71A3FD809005696BE712546223B26DDECS D303C022543867E251B2100 29AE823D962D3F59B514B02766A4F2A73EA86186B4D1FD76DFDE74259B0E621A23F36AA4E0CE83004C8FB65521DD5C384304A4D165022CE91263FE569AD58AC3 F95246E1F273747F843083021C74ADE77654812D341FE2C0F494DAE94F0DF38FE0DD0F43F5931247C23B3125231628A1A8C109460ACB65472BD44B2C29A359AA98B 5C91FE3E3BC120F77558B5C0577062A8DED74A37D35F84B3C320FE1DB3F0DC6DD2936CF2BB9560C1F466F2B2D870A4D146A97C43B3FB10BB572CA646D46CD6A6B 96C65290B9A4CAFC EE90336402ED6B121E1EEA F9E428903E39E403C4F08DFE11F96538D6B4C926DD584878DE53A4E8F8B9F22964B1F4E2BE38A695AF7758159E6831 F141B2220FBF702650B3D15B4283677FE1F7FC950203010001 </pre>
Basic Constraints	<i>IsCA: true - Path length: 0</i>
Authority Info Access	<i>http://proxy.fineid.fi/ca/vrkrootc.crt</i>
Certificate Policies	<p><i>Policy OID: 1.2.246.517.1.10.21.1</i></p> <p><i>CPS text: [Varmennepolitiikka on saatavilla - Certifikat policy finns - Certificate policy is available http://www.fineid.fi/cps21]</i></p> <p><i>CPS pointer: http://www.fineid.fi/cps21/</i></p>
Authority Key Identifier	<i>DB:E9:E1:9B:D2:D1:24:0B:FC:AB:E3:A0:67:EA:AE:9C:4B:77:F4:B0</i>
CRL Distribution Points	<i>http://proxy.fineid.fi/arl/vrkroota.crl</i>
Subject Key Identifier	<i>C1:AF:1D:8A:5F:1D:9A:87:0D:82:10:FC:9D:DD:F5:B0:1E:70:D3:B5</i>
Key Usage:	<i>digitalSignature - nonRepudiation - keyCertSign - cRLSign</i>
Thumbprint algorithm:	<i>SHA-256</i>

Thumbprint:

82:63:C4:EC:2B:EF:EB:26:BD:D8:33:F7:78:73:CC:8E:C5:9D:93:4A:16:28:2C:2B:08:48:CD:A2:AF:DA:8E:B5

Service Status

<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted>

Service status description

[en]

undefined.

[en]

undefined.

[en]

undefined.

[en]

undefined.

Status Starting Time

2016-06-30T22:00:00Z

35.2.1 - Extension (critical): additionalServiceInformation**AdditionalServiceInformation****URI**

[en]

<http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>

35.2.2 - History instance n.1 - Status: undersupervision**Service Type Identifier**

<http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

Service Name**Name**

[en]

VRK Gov. CA for Citizen Qualified Certificates - G2

Service digital identities**X509SubjectName****Subject CN:**

VRK Gov. CA for Citizen Qualified Certificates - G2

Subject OU:

Valtion kansalaisvarmenteet

Subject O:

Vaestorekisterikeskus CA

Subject C:

FI

X509SKI**X509 SK I**

wa8dil8dmocNghD8nd31sB5w07U=

Service Status

<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision>

Status Starting Time

2014-01-08T11:00:00Z

35.3 - Service (granted): VRK CA for Qualified Certificates

Service type description

[en]

A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.

[en]

A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.

[en]

A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.

[en]

A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.

Service Name

Name

[en]

VRK CA for Qualified Certificates

Service digital identities

Certificate fields details

Version:

3

Serial Number:

100506

X509 Certificate

-----BEGIN CERTIFICATE-----

[illegible]

-----END CERTIFICATE-----

Signature algorithm:

SHA1withRSA

Issuer CN:

VRK Gov. Root CA

Issuer OU:

Varmennepalvelut

Issuer OU:

Certification Authority Services

Issuer O:

Vaestorekisterikeskus CA

Issuer ST:

Finland

Issuer C:

FI

Subject CN:

VRK CA for Qualified Certificates

Subject OU:

Organisaatiovarmenteet

Subject O:

Vaestorekisterikeskus CA

Subject ST:

Finland

Subject C:	<i>FI</i>
Valid from:	<i>Tue Jan 14 08:57:02 CET 2003</i>
Valid to:	<i>Sun Jan 13 08:56:10 CET 2019</i>
Public Key:	<pre> 30:82:01:22:30:0D:06:09:2A:86:48:86:F7:0D:01:01:05:00:03:82:01:0F:00:30:82:01:0A:02:82:01:01:00:B1:18:EE:29:78:C5:1C:D1:49:25:1F:87:13:05:70:6C:F0:8D:FF:06:91:94:BC:D6:0C:4A:F3:7D:C2:43:1E:F3:32:71:5B :B7:8B:B8:F0:2E:36:B6:D0:51:D2:C4:E7:B8:73:38:E8:D8:63:AE:CB:3F:6C:C6:C9:60:94:E5:CA:1D:B5:DA:53:F8:CF:A4:4E:07:88:86:D1:99:C0:FC:35:17:23:4E:A7:56:A2:0E:38:D5:2C:20:41:28:4C:F1:7D:55:AB:82:5C:E 6:7F:8C:CF:20:5D:63:24:12:AC:A5:4B:89:B6:35:A4:76:DA:9C:34:27:9B:F5:93:D5:F0:9F:72:4B:AF:95:ED:34:D4:1A:FE:B7:54:2C:78:F0:07:E4:59:E8:0A:44:7A:C1:27:1B:5B:CB:4E:CF:E2:58:91:A6:84:20:67:8B:98:CB:6B :03:DE:B1:EE:42:7B:F7:BA:46:F1:DD:5C:6D:30:A1:CB:00:6C:33:41:AF:F2:04:F1:9C:16:16:B9:21:E5:A7:38:D4:F1:FB:76:2B:25:84:F2:B0:AB:ED:13:BC:F7:D3:6B:50:BE:99:7E:58:54:EC:39:72:A1:B0:CE:FF:4C:47:FE:1 1:EA:D4:A9:8E:CF:DF:A1:FF:A9:4B:F2:16:CB:EF:CE:8B:51:3F:CE:7C:B3:8A:F7:79:09:51:02:03:01:00:01 </pre>
Basic Constraints	<i>IsCA: true - Path length: 0</i>
Certificate Policies	<i>Policy OID: 1.2.246.517.1.10.1.2</i> <i>CPS text: [Varmennepolitiikka on saatavilla - Certifikat policy finns - Certificate policy is available http://www.fineid.fi/cps2]</i> <i>CPS pointer: http://www.fineid.fi/cps2/</i>
Authority Info Access	<i>http://proxy.fineid.fi/ca/vrkrootc.crt</i>
Authority Key Identifier	<i>DB:E9:E1:9B:D2:D1:24:0B:FC:AB:E3:A0:67:EA:AE:9C:4B:77:F4:B0</i>
CRL Distribution Points	<i>http://proxy.fineid.fi/arl/vrkroota.crl</i>
Subject Key Identifier	<i>54:1A:02:37:8F:8E:63:DF:8F:F0:30:23:4A:A8:FC:67:57:F0:53:A8</i>
Key Usage:	<i>digitalSignature - nonRepudiation - keyCertSign - cRLSign</i>
Thumbprint algorithm:	<i>SHA-256</i>
Thumbprint:	<i>AE:75:B2:00:65:5E:16:AF:C6:35:01:2C:99:FE:50:3D:C0:70:EA:CA:88:A3:62:E8:2F:D7:40:EA:3C :F3:68:5E</i>
Service Status	<i>http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted</i>
Service status description	<div>[en] undefined.</div> <div>[en] undefined.</div> <div>[en] undefined.</div> <div>[en] undefined.</div>
Status Starting Time	<i>2016-06-30T22:00:00Z</i>

35.3.1 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

URI [en] *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures*

35.3.2 - History instance n.1 - Status: undersupervision

Service Type Identifier <http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

Service Name

Name *[en]* *VRK CA for Qualified Certificates*

Service digital identities

X509SubjectName

Subject CN: *VRK CA for Qualified Certificates*

Subject OU: *Organisaatiovarmenteet*

Subject O: *Vaestorekisterikeskus CA*

Subject ST: *Finland*

Subject C: *FI*

X509SKI

X509 SK I *VBoCN4+OY9+P8DAjSqj8Z1fwU6g=*

Service Status <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision>

Status Starting Time *2003-03-31T10:00:00Z*

35.4 - Service (granted): VRK CA for Qualified Certificates - G2

Service Type Identifier <http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

Service type description *[en]* *A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.*

[en] *A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.*

[en] *A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.*

[en] *A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.*

Service Name

Name *[en]* *VRK CA for Qualified Certificates - G2*

Service digital identities

Certificate fields details

Version: *3*

Serial Number: *109206*

CRL Distribution Points*http://proxy.fineid.fi/arl/vrkroota.crl***Subject Key Identifier***56:A9:57:AF:D6:31:7E:71:D6:2D:BA:0E:E3:EE:8A:13:14:CA:29:D7***Key Usage:***digitalSignature - nonRepudiation - keyCertSign - cRLSign***Thumbprint algorithm:***SHA-256***Thumbprint:***A5:DF:C5:AD:09:B2:F6:6A:68:EF:0F:B3:B4:BD:AA:42:AA:3A:DD:6F:3E:7B:BF:CB:DF:D2:7F:C7:CC:D9:F3:D8***Service Status***http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted***Service status description***[en]**undefined.**[en]**undefined.**[en]**undefined.**[en]**undefined.***Status Starting Time***2016-06-30T22:00:00Z***35.4.1 - Extension (critical): additionalServiceInformation****AdditionalServiceInformation****URI***[en]**http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures***35.4.2 - History instance n.1 - Status: undersupervision****Service Type Identifier***http://uri.etsi.org/TrstSvc/Svctype/CA/QC***Service Name****Name***[en]**VRK CA for Qualified Certificates - G2***Service digital identities****X509SubjectName****Subject CN:***VRK CA for Qualified Certificates - G2***Subject OU:***Organisaatiovarmenteet***Subject O:***Vaestorekisterikeskus CA***Subject C:***FI***X509SKI****X509 SK I***VqIXr9YxfnHWLboO4+6KExTKKdc=*

Subject CN:	VRK CA for Healthcare Professionals Qualified Certificates		
Subject OU:	Terveystieteen ammattivarmennus		
Subject O:	Vaestorekisterikeskus CA		
Subject ST:	Finland		
Subject C:	FI		
Valid from:	Wed Oct 27 13:41:26 CEST 2010		
Valid to:	Sun Dec 17 20:59:59 CET 2023		
Public Key:	<div>30820122300D06092A864886F70D01010105000382010F003082010A0282010100AF01DB888321C5BB03EE7E051780E99C0ED480915C4525780E9EA3F0ECC0E66EF38D7C D689B632A5CF4A0818C947D64DC33559429F94551E45DBF69342C57628A81574D113BF472E7132D1D07F85595C93CD025081E02D9B180BD44A7B46126B7C50280E 7184F15CCBA31984EA37AA83A7F7D92FAA0BD0514E557A31D37D4F9C4E08702E21345CB0014E32B9717F12F20187B19BE0254BC80FF83DE25E8068E0B7C4E5527B3 1965B654989C3149759EF74DA6342CA07A7D374D18C6588E53836EF0359BC66D0663C2E5D691BF8DC001BB95CAB83B309BF52A7F746F86E4001E53F256B7B7E669 B451C454A3BFB20D24A090B15A445D85790D44BDFF7DA4A30630203010001</div>		
Basic Constraints	IsCA: true - Path length: 0		
Certificate Policies	<div>Policy OID: 1.2.246.517.1.10.1.7</div> <div>CPS text: [Varmennepolitiikka on saatavilla - Certifikat policy finns - Certificate policy is available http://www.fineid.fi/cps6/]</div> <div>CPS pointer: http://www.fineid.fi/cps6/</div>		
Authority Info Access	http://proxy.fineid.fi/ca/vrkrootc.crt		
Authority Key Identifier	DB:E9:E1:9B:D2:D1:24:0B:FC:AB:E3:A0:67:EA:AE:9C:4B:77:F4:B0		
CRL Distribution Points	http://proxy.fineid.fi/arl/vrkroota.crl		
Subject Key Identifier	CD:1B:7F:D6:56:5F:06:F5:0A:29:32:5E:EA:2D:6C:9C:26:58:00:12		
Key Usage:	digitalSignature - nonRepudiation - keyCertSign - cRLSign		
Thumbprint algorithm:	SHA-256		
Thumbprint:	C2:73:FA:D0:43:93:0E:B4:F5:F5:20:2F:5A:92:EA:D9:35:15:7F:DD:73:E2:9F:80:7A:95:B0:E4:2C:16:0F:99		
Service Status	http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted		
Service status description	[en]	undefined.	
	[en]	undefined.	
	[en]	undefined.	
	[en]	undefined.	
Status Starting Time	2016-06-30T22:00:00Z		

35.5.1 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

URI [en] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>

35.5.2 - History instance n.1 - Status: undersupervision

Service Type Identifier <http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

Service Name

Name [en] *VRK CA for Healthcare Professionals Qualified Certificates*

Service digital identities**X509SubjectName**

Subject CN: *VRK CA for Healthcare Professionals Qualified Certificates*

Subject OU: *Terveysturvituksen ammattivarmenne*

Subject O: *Vaestorekisterikeskus CA*

Subject ST: *Finland*

Subject C: *FI*

X509SKI

X509 SK I *zRt/1lZfBvUKKTJe6i1snCZYABI=*

Service Status <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision>

Status Starting Time *2010-12-01T11:00:00Z*

2016-07-01T04:20:23Z

Version:

3

Serial Number:

87466719663

-----BEGIN CERTIFICATE-----

[illegible]

-----END CERTIFICATE-----

SHA512withRSA

Finnish Communications Regulatory Authority

Finnish Communications Regulatory Authority

Helsinki

 FI

Finnish Communications Regulatory Authority

Finnish Communications Regulatory Authority

Helsinki

FI

Wed Jan 29 01:00:00 CET 2014

Mon May 29 02:00:00 CEST 2017

[illegible]

F2:25:2B:D8:AC:B2:22:B4:24:4B:43:B7:21:B0:47:74:7C:85:B6:1A

IsCA: false

Certificate Policies	<i>Policy OID: 2.5.29.32.0</i>
Subject Alternative Name	<i>tsl@ficora.fi</i> <i>http://www.ficora.fi/</i>
Extended Key Usage	<i>id-tsl-kp-tslSigning</i>
Key Usage:	<i>digitalSignature - nonRepudiation</i>
Thumbprint algorithm:	<i>SHA-256</i>
Thumbprint:	<i>A9:B6:99:2A:E1:92:F2:AF:32:08:25:F1:F6:ED:CD:AD:1B:A6:F3:93:D8:6C:02:23:4B:68:B9:14:5B:27:7E:01</i>