

Kitemark™ Certificate

This is to certify that:

QV Holdings Ltd
QuoVadis Trustlink B.V.
Nevelgaarde 56 Noord
3436 ZZ Nieuwegein
The Netherlands

Holds Certificate Number:

ETS 030

In respect of:

ETSI EN 319 411-1 v1.1.1 (Trust Service Providers issuing certificates; Part 1: General requirements)

Delivers a Trust Services according to the requirements of the standard mentioned above for services specified (see page with detailed scope).

This issues the right and license to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from the time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions..

The use of the Kitemark is authorized in respect of the Trust Services detailed on this Certificate provided at or from the addresses specified on following page(s).

For and on behalf of BSI:

Chris Lewis - Certification Director, Product Certification

First Issued: 2014-08-04

Latest Issue: 2017-11-21

Effective Date: 2017-08-03

Expiry Date: 2019-08-02



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No. ETS 030

On the request of QuoVadis Trustlink B.V. (hereafter referred to as: QuoVadis), the annual certification audit on all areas and processes was performed by BSI Group The Netherlands B.V. (Thomas Malthusstraat 3C, 1066 JR Amsterdam, The Netherlands) on behalf of BSI Assurance UK Ltd.

The full audit covered all applicable requirements from the audit criteria listed below (see "Audit Information") and are defined in QuoVadis' Statement of Applicability, dated 22 June 2017 and the Overview of Applicability, dated 22 June 2017.

The scope of the assessment comprised the following Trust Service Provider component services:

- Registration Service
- Certificate Generation Service
- Dissemination Service
- Revocation Management Service
- Revocation Status Service
- Subject Device Provision Service

These TSP component services are being provided for:

- Issuance of public key certificates (non-qualified trust service)

The certificates are issued through the issuing Certification Authorities, as specified below:

Root CA: Staat der Nederlanden Private Root CA - G1 (not in scope)

Domain CA: Staat der Nederlanden Private Personen CA - G1 (not in scope)

- **Issuing CA: QuoVadis PKIoverheid Private Personen CA - G1**
 - + PKIoverheid Private Personal Authenticity (OID 2.16.528.1.1003.1.2.8.1), in accordance with policy NCP+
 - + PKIoverheid Private Personal Encryption (OID 2.16.528.1.1003.1.2.8.3), in accordance with policy NCP+

Domain CA: Staat der Nederlanden Private Services CA - G1 (not in scope)

- **Issuing CA: QuoVadis PKIoverheid Private Services CA - G1**
 - + PKIoverheid Private Services – Authenticity (OID 2.16.528.1.1003.1.2.8.4), in accordance with policy OVCP and PTC
 - + PKIoverheid Private Services – Encryption (OID 2.16.528.1.1003.1.2.8.5), in accordance with policy OVCP and PTC
 - + PKIoverheid Private Services – Server (OID 2.16.528.1.1003.1.2.8.6), in accordance with policy OVCP and PTC

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Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 345 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
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Root CA: Staat der Nederlanden Root CA - G2 (not in scope)

Domain CA: Staat der Nederlanden Organisatie CA – G2 (not in scope)

▪ **Issuing CA: QuoVadis CSP - PKI Overheid CA - G2**

- + PKIOverheid Organisation Personal User Authenticity G2 (OID 2.16.528.1.1003.1.2.5.1), in accordance with policy NCP+
- + PKIOverheid Organisation Personal User Encryption G2 (OID 2.16.528.1.1003.1.2.5.3), in accordance with policy NCP+
- + PKIOverheid Organisation Service Authenticity G2 (OID 2.16.528.1.1003.1.2.5.4), in accordance with policy NCP+
- + PKIOverheid Organisation Service Encryption G2 (OID 2.16.528.1.1003.1.2.5.5), in accordance with policy NCP+
- + PKIOverheid Organisation Service Server G2 (OID 2.16.528.1.1003.1.2.5.6), in accordance with policies OVCP and PTC

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Root CA: Staat der Nederlanden Root CA - G3 (not in scope)**Domain CA: Staat der Nederlanden Organisatie Persoon CA - G3 (not in scope)****▪ Issuing CA: QuoVadis PKIoverheid Organisatie Persoon CA - G3**

- + PKIoverheid Personal Organisation Authenticity G3 (OID 2.16.528.1.1003.1.2.5.1), in accordance with policy NCP+
- + PKIoverheid Personal Organisation Encryption G3 (OID 2.16.528.1.1003.1.2.5.3), in accordance with policy NCP+

Domain CA: Staat der Nederlanden Burger CA - G3 (not in scope)**▪ Issuing CA: QuoVadis PKIoverheid Burger CA - G3**

- + PKIoverheid Personal Citizen Authenticity G3 (OID 2.16.528.1.1003.1.2.3.1), in accordance with policy NCP+
- + PKIoverheid Personal Citizen Encryption (OID 2.16.528.1.1003.1.2.3.3), in accordance with policy NCP+

Domain CA: Staat der Nederlanden Organisatie Services CA - G3 (not in scope)**▪ Issuing CA: QuoVadis PKIoverheid Organisatie Services CA - G3**

- + PKIoverheid Organisation Service Authenticity G3 (OID 2.16.528.1.1003.1.2.5.4), in accordance with policy NCP+
- + PKIoverheid Organisation Service Encryption G3 (OID 2.16.528.1.1003.1.2.5.5), in accordance with policy NCP+

▪ Issuing CA: QuoVadis PKIoverheid Organisatie Server CA - G3

- + PKIoverheid Organisation Service Server G3 (OID 2.16.528.1.1003.1.2.5.6), in accordance with policies OVCP and PTC

Root CA: Staat der Nederlanden EV Root CA (not in scope)**Intermediate CA: Staat der Nederlanden EV Intermediair CA (not in scope)****▪ Issuing CA: QuoVadis PKIoverheid EV CA**

- + PKIoverheid EV SSL (OID 2.16.528.1.1003.1.2.7), in accordance with policy EVCP

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Root CA: QuoVadis Root CA 1 G3**Intermediate CA: QuoVadis Enterprise Trust CA 1 G3**

- **Issuing CA: QuoVadis EU Issuing Certification Authority G4**
 - + QV Advanced (OID 0.4.0.2042.1.1), in accordance with policy NCP
 - + QV Advanced + (OID 0.4.0.2042.1.2), in accordance with policy NCP+
- **Issuing CA: QuoVadis Belgium Issuing CA G2**
 - + QV Advanced (OID 0.4.0.2042.1.1), in accordance with policy NCP
 - + QV Advanced + (OID 0.4.0.2042.1.2), in accordance with policy NCP+

The Certification Authority processes and services are documented in the following documents:

- QuoVadis CP/CPS for Root CA and Root CA3 (v4.20), 8 May 2017
- QuoVadis CP/CPS PKIoverheid Burger (v1.4), 15 March 2017
- QuoVadis CP/CPS PKIoverheid Extended Validation (v1.4), 15 March 2017
- QuoVadis CP/CPS PKIoverheid Domeinen Organisatie (G2), Organisatie Persoon (G3) (v1.5), 15 March 2017
- QuoVadis CP/CPS PKIoverheid Domeinen Organisatie (G2), Organisatie Services (G3) (v1.5), 15 March 2017
- QuoVadis CP/CPS PKIoverheid Domeinen Organisatie (G2), Organisatie Services Server (G3) (v1.6), 15 March 2017
- QuoVadis CP/CPS PKIoverheid Domein Private Personen (G1), (v1.0), 23 May 2017
- QuoVadis CP/CPS PKIoverheid Domein Private Services G1, (v1.0), 23 May 2017
- QuoVadis CP/CPS PKIoverheid Domein Private Services (server) G1, (v1.0), 23 May 2017

Our annual certification audit was performed in May and June 2017. The result of the full audit is that we conclude, based on the objective evidence collected during the certification audit for the period from 1 June 2016 through 31 May 2017, the areas assessed during the audit were generally found to be effective, based on the applicable requirements defined in QuoVadis' Statement of Applicability, dated 22 June 2017 and the Overview of Applicability, dated 22 June 2017.

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Audit information

Root CA Staat der Nederlanden Private Root CA - G1 (not in scope)

Domain CA Staat der Nederlanden Private Personen CA - G1 (not in scope)

Issuing CA QuoVadis PKIoverheid Private Personen CA - G1

Fingerprint SHA-256 A5 F7 15 0B C3 58 D1 49 8B FD D8 EB 39 73 23 62 DC B6 A9 03 F5 74 51 B9 30 36 3B DF AF 83 5B A4

Domain CA Staat der Nederlanden Private Services CA - G1 (not in scope)

Issuing CA QuoVadis PKIoverheid Private Services CA - G1

Fingerprint SHA-256 69 DF 8D 18 C5 45 03 F8 3D C2 39 C3 DC F8 11 5B 2A 44 7E FC 5D EF CA 61 19 D1 8E 98 8C 12 27 6D

Root CA Staat der Nederlanden Root CA - G2 (not in scope)

Domain CA Staat der Nederlanden Organisatie CA - G2 (not in scope)

Issuing CA QuoVadis CSP - PKI Overheid CA - G2

Fingerprint SHA-256 2A A5 35 0D 04 FF 5F 36 EB CA A3 27 F0 A4 75 2D 1A 06 17 50 D8 CE 6D 9E 79 37 A6 22 4D DB 12 A4

Root CA Staat der Nederlanden Root CA - G3 (not in scope)

Domain CA Staat der Nederlanden Organisatie Persoon CA - G3 (not in scope)

Issuing CA QuoVadis PKIoverheid Organisatie Persoon CA - G3

Fingerprint SHA-256 15 07 3C 6B BD C7 46 99 A8 85 18 C2 7A 57 C9 56 E5 E2 3D 6C A9 61 9E 52 1A 46 8C 78 73 DE 4F 8A

Domain CA Staat der Nederlanden Burger CA - G3 (not in scope)

Issuing CA QuoVadis PKIoverheid Burger CA - G3

Fingerprint SHA-256 D4 1D 23 C5 15 59 F6 5E 5C 22 50 3D 7A 7A BF 5C D9 65 EC 39 C6 1C 69 8A 7D 98 D7 97 AF 70 7B 48

Domain CA Staat der Nederlanden Organisatie Services CA - G3 (not in scope)

Issuing CA QuoVadis PKIoverheid Organisatie Server CA - G3

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Fingerprint SHA-256 85 36 3A 24 CB 1B 66 E6 CF 62 44 E8 7D 24 3D BB 83 06 F6 07 35 7C 61 4C B9 C4 C2 24 A0
E0 43 58

Issuing CA **QuoVadis PKIoverheid Organisatie Services CA - G3**

Fingerprint SHA-256 BE CF DE 12 4C ED D3 44 D9 25 CB 55 ED DA 66 2D 9A 9C 06 88 FA 9A 08 70 CE 3D BB 6D
A4 31 3E 4E

Root CA **Staat der Nederlanden EV Root CA (not in scope)**

Domain CA **Staat der Nederlanden EV Intermediair CA (not in scope)**

Issuing CA **QuoVadis PKIoverheid EV CA**

Fingerprint SHA-256 ED 3D B7 48 D6 D7 8E EF F0 B9 45 2B C6 A0 2E 03 90 39 C5 50 75 A4 39 32 3B 8B A8 5F B2
1B 9D DA

Root **QuoVadis Root CA 1 G3**

Fingerprint SHA-256 8A 86 6F D1 B2 76 B5 7E 57 8E 92 1C 65 82 8A 2B ED 58 E9 F2 F2 88 05 41 34 B7 F1 F4 BF
C9 CC 74

Intermediate CA **QuoVadis Enterprise Trust CA 1 G3**

Fingerprint SHA-256 05 31 C8 6F 78 59 58 93 9F DC 53 99 24 D3 95 D1 EF A4 09 36 4E 68 27 D3 AB 98 76 31 1F
FB 27 B0

Issuing CA **QuoVadis EU Issuing Certification Authority G4**

Fingerprint SHA-256 0D D8 18 22 89 90 D8 3F CE 9F 9D CA 7B 5C C4 4E D3 18 ED D1 63 99 98 7E A8 93 87 7E A5
2D E1 1E

Issuing CA **QuoVadis Belgium Issuing CA G2**

Fingerprint SHA-256 D9 0B 40 13 23 06 D1 09 46 08 B1 B9 A2 F6 A9 E2 3B 45 FE 12 1F EF 51 4A 1C 9D F7 0A 81
5A D9 5C

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- ETSI EN 319 401 v2.1.1 (2016-02) General Policy Requirements for Trust Service Providers
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Audit information

- ETSI EN 319 411-1 v1.1.1 (2016-02) Electronic Signatures and Infrastructures (ESI) - Policy and security requirements for Trust Service Providers issuing certificates – Part 1: General requirements
- CA/Browser Forum – Network and Certificate System Security Requirements v1.0 (2013)
- CA/Browser Forum – Baseline Requirements Certificate Policy for the Issuance and Management of Publicly-Trusted Certificates v1.4.8 (9 May 2017)
- CA/Browser Forum – Guidelines for the Issuance and Management of Extended Validation Certificates v1.6.4 (23 May 2017)
- PKIoverheid - Programma van Eisen v4.4, deel 3 Basiseisen, deel 3 Aanvullende eisen and the requirements from parts 3a, 3b, 3c, 3e, 3f, 3g, 3h and 3i

Audit Period of Time 1 June 2016 – 31 May 2017

Audit performed in May and June 2017

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