

PKI Disclosure Statement for PKIoverheid



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QuoVadis TrustLink B.V.

Nevelgaarde 56

3436 ZZ Nieuwegein, The Netherlands

Tel: +31 302324320

Fax: +31 302324329

Important Notice about this Document

This document is the DigiCert + QuoVadis PKI Disclosure Statement for PKIoverheid herein after referred to as the PDS. This document does not substitute or replace the Certification Practice Statement (CPS) under which Digital Certificates are issued by QuoVadis Trustlink B.V. (a subsidiary of DigiCert Inc.).

You must read the relevant QuoVadis CPS for PKIoverheid at www.quovadisglobal.com/repository before you apply for or rely on a PKIoverheid Certificate issued by QuoVadis.

The purpose of this document is to summarise the key points of the QuoVadis CPS for PKIoverheid for the benefit of Subscribers, Subjects, and Relying Parties.

This document is not intended to create contractual relationships between QuoVadis and any other person. Any person seeking to rely on Certificates or participate within the QuoVadis PKI must do so pursuant to definitive contractual documentation. This document is intended for use only in connection with QuoVadis and its business.

This version of the PDS has been approved for use by the QuoVadis Policy Management Authority (PMA) and is subject to amendment and change in accordance with the policies and guidelines adopted, from time to time, by the PMA. The date on which this version of the PDS becomes effective is indicated on this document.

Version Control:

Author	Date	Version	Comment
QuoVadis PMA	27 August 2018	1.0	First version
QuoVadis PMA	11 July 2019	1.1	Updates for dispute resolution and more references to Private CPS and Certificate classes
QuoVadis PMA	10 September 2019	1.2	Updates to reflect consolidated PKIoverheid CPS and where QuoVadis manages Private Keys on behalf of the Subscriber (remote QSCD)
QuoVadis PMA	28 March 2020	1.3	Review and alignment with PKIoverheid CPS
QuoVadis PMA	29 April 2020	1.4	Review and alignment with PKIoverheid CPS
QuoVadis PMA	6 August 2020	1.5	Review and alignment with PKIoverheid CPS
QuoVadis PMA	25 August 2020	1.6	Revisions including addition of PKIo Domain Server 2020 and removal of PKIo EV SSL.
QuoVadis PMA	30 September 2020	1.7	Revisions to Section 1 revocation reporting and Section 4 Relying Party obligations.
QuoVadis PMA	22 March 2021	1.8	Minor editorial updates.
QuoVadis PMA	28 June 2021	1.9	Alignment with PKIoverheid CPS

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1. TRUST SERVICE PROVIDER (TSP) CONTACT INFO

Enquiries or other communication about this document should be addressed to the QuoVadis Policy Management Authority (PMA).

Address:	QuoVadis Trustink B.V. Nevelgaarde 56 noord 3436 ZZ Nieuwegein, The Netherlands
Telephone:	+31 (0) 30 232-4320
Website:	https://www.quovadisglobal.com/nl
Email:	Support: nl.support@digicert.com Revocation: info.nl@quovadisglobal.com Complaints: qvcomplaints@digicert.com Policy & Compliance: compliance@quovadisglobal.com

1.1. CERTIFICATE PROBLEM REPORTS AND REVOCATION

The online revocation facility via the QuoVadis website TrustLink Enterprise is available 24 hours a day, 7 days a week via <https://tl.quovadisglobal.com>. The QuoVadis support line +31 (0) 30 232 4320 is also available outside CET time zone office hours via +1 651 229 3456.

Requests for Certificates to be revoked due to keyCompromise must be submitted at <https://problemreport.digicert.com/> providing the information outlined in Section 4.9 of the PKIoverheid CPS. QuoVadis provides additional information for entities requiring assistance with revocation or an investigative report at <https://www.quovadisglobal.com/certificate-revocation>.

2. QUOVADIS CERTIFICATE CLASSES FOR PKIOVERHEID

All QuoVadis PKIoverheid Certificates have a policy object identifier (OID) which identifies their use. Qualified Certificates meet the requirements of ETSI EN 319 411-2 and Regulation (EU) No. 910/2014 (the eIDAS Regulation).

PKIo Certificate type	Description	Extended Key Usage	Certificate Policy OID	Requires token?
Personal User Authentication	Certificate used for client authentication issued to a natural person linked to an organisation	Client Authentication Document Signing Email protection	2.16.528.1.1003.1. 2.5.1	Yes
Personal User Non-Repudiation	Certificate used for Signing, issued to a natural person linked to an organisation.	Document Signing Email protection	2.16.528.1.1003.1. 2.5.2	Yes
Personal User Encryption	Certificate used for encryption, issued to a natural person linked to an organisation	Encrypting File System Email protection	2.16.528.1.1003.1. 2.5.3	Yes

PKI Certificate type	Description	Extended Key Usage	Certificate Policy OID	Requires token?
Organisation Service Authentication	Certificate used for client authentication issued to an organisation	Client Authentication Document Signing Email protection	2.16.528.1.1003.1.2.5.4	Yes
Organisation Service Encryption	Certificate used for encryption issued to an organisation	Encrypting File System Email protection	2.16.528.1.1003.1.2.5.5	Yes
Organisation Service Seal	Qualified Certificate used for signing issued to an organisation	Document Signing Email Protection	2.16.528.1.1003.1.2.5.7	Yes
Personal Citizen Authentication	Certificate used for client authentication issued to a natural person	Client Authentication Document Signing Email Protection	2.16.528.1.1003.1.2.3.1	Yes
Personal Citizen Non-Repudiation	Qualified Certificate used for signing issued to a natural person	Document Signing Email Protection	2.16.528.1.1003.1.2.3.2	Yes
Personal Citizen Encryption	Certificate used for encryption issued to a natural person	Encrypting File System Email Protection	2.16.528.1.1003.1.2.3.3	Yes
Private Personal Authentication	Certificate used for client authentication issued to a natural person linked to an organisation from a non public trusted root	Client Authentication Document Signing Email Protection	2.16.528.1.1003.1.2.8.1	Yes
Private Personal Non-Repudiation	Qualified Certificate used for signing issued to a natural person linked to an organisation from a non public trusted root	Document Signing Email Protection	2.16.528.1.1003.1.2.8.2	Yes
Private Personal Encryption	Certificate used for encryption issued to an organisation from a non public trusted root	Key Encipherment Data Encipherment	2.16.528.1.1003.1.2.8.3	Yes
Private Services Authentication	Certificate used for client authentication issued to an organisation	Client Authentication Document Signing Email Protection	2.16.528.1.1003.1.2.8.4	Yes
Private Services Encryption	Certificate used for encryption issued to an organisation	Key Encipherment Data Encipherment	2.16.528.1.1003.1.2.8.5	Yes
Private Services Server	Organisation Validation (OV) TLS/SSL Certificate from a non public trusted root	Client Authentication Server Authentication	2.16.528.1.1003.1.2.8.6	No
Domain CA 2020	Organisation Validation (OV) TLS/SSL Certificate	Client Authentication Server Authentication	2.16.528.1.1003.1.2.5.9	No

See PKIoverheid CPS Appendix A. QuoVadis provides test certificates for all types of Certificates.

2.1. PKIO ADVANCED CERTIFICATES

PKIO Advanced Certificates provide reliable vetting of the holder's identity and may be used for a broad range of applications including digital signatures, encryption, and authentication. Their specific use is determined by the Key Usages and the Subject of the Certificate.

The content of these Certificates meet the relevant requirements from:

- ETSI EN 319 411-1: Certificate Profiles; Part 1: Overview and common data structures
- PKIOverheid PVE part 3A/3B/3C/3I
- PKIOverheid PVE basiseisen
- PKIOverheid PVE aanvullende eisen

Registration Process

Validation procedures for QuoVadis Advanced Certificates are based on the Normalised Certificate Policy (NCP) described in ETSI EN 319 411-1.

Unless the Applicant has already been identified by the RA through a face-to-face identification meeting, accepted Know Your Customer (KYC) standards or a contractual relationship with the RA, validation requirements for an Applicant shall include the following.

If the Subject is a natural person (i.e., physical person as opposed to legal entity) evidence of the Subject's identity (e.g., name) shall be checked against this natural person either directly by physical presence of the person, or shall have been checked indirectly using means which provides equivalent assurance to physical presence.

If the Subject is a natural person evidence shall be provided of:

- Full name (including surname and given names consistent with applicable law and national identification practices); and
- Date and place of birth, reference to a nationally recognised identity document, or other attributes which may be used to, as far as possible, distinguish the person from others with the same name.

If the Subscriber is a natural person who is identified in association with a legal person (organisational entity), additional evidence shall be provided of:

- Full name and legal status of the associated legal person;
- Any relevant existing registration information (e.g. company registration) of the associated legal person; and
- Evidence that the Subscriber is affiliated with the legal person.

If the Subscriber is a legal person (organisational entity), evidence shall be provided of:

- Full name of the legal person; and
- Reference to a nationally recognised registration or other attributes which may be used to, as far as possible, distinguish the legal person from others with the same name.

If the Subscriber is a device or system operated by or on behalf of a legal person, evidence shall be provided of:

- identifier of the device by which it may be referenced (e.g. Internet domain name);
- full name of the organisational entity; and
- a nationally recognised identity number, or other attributes which may be used to, as far as possible, distinguish the organisational entity from others with the same name.

2.2. PKIO QUALIFIED

2.2.1. PKIo Qualified Certificate issued to a natural person on a QSCD

The purpose of PKIo Qualified Certificates is to identify the Subscriber with a High level of assurance, for the purpose of creating Qualified Electronic Signatures meeting the qualification requirements defined by the eIDAS Regulation.

These Certificate use a Qualified Signature Creation Device (QSCD) meeting the requirements of Annex II of the eIDAS Regulation for the protection of the Private Key . In some cases, QuoVadis generates and manages Private Keys on behalf of the Subscriber and operates the QSCD in accordance with eIDAS. This will be signified by the presence of the 0.4.0.19431.1.1.3 OID in Certificate Policies. This OID is the EUSCP: EU SSASC Policy 'eu-remote-qscd' OID defined in ETSI TS 119 431-1.

These Certificates meet the ETSI policy for EU Qualified Certificate issued to a natural person where the Private Key and the related Certificate reside on a QSCD (QCP-n-qscd). The content of these Certificates meets the relevant requirements of:

- ETSI EN 319 412-1: Certificate Profiles; Part 1: Overview and common data structures
- ETSI EN 319 412-2: Certificate Profiles; Part 2: Certificate profile for certificates issued to natural persons
- ETSI EN 319 412-5: Certificate Profiles; Part 5: QCStatements
- PKIoVerheid PVE part 3A/3C/3I
- PKIoVerheid PVE basiseisen
- PKIoVerheid PVE aanvullende eisen

Registration Process

Identity validation procedures for these Certificates meet the requirements of ETSI EN 319 411-2 for “Policy for EU Qualified Certificate issued to a natural person where the Private Key and the related Certificate reside on a QSCD” (QCP-n-qscd). QuoVadis recommends that QCP-n-qscd Certificates are used only for Electronic Signatures.

The identity of the natural person and, if applicable, any specific attributes of the person, shall be verified:

- By the physical presence of the natural person; or
- Using methods which provide equivalent assurance in terms of reliability to the physical presence and for which QuoVadis can prove the equivalence. The proof of equivalence can be done according to the eIDAS Regulation [i.1].

Evidence shall be provided of:

- Full name (including surname and given names consistent with applicable law and national identification practices); and
- Date and place of birth, reference to a nationally recognised identity document, or other attributes which may be used to, as far as possible, distinguish the person from others with the same name.

If the Subscriber is a physical person who is identified in association with an organisational entity, additional evidence shall be provided of:

- Full name and legal status of the associated organisational entity;
- Relevant existing registration information of the organisational entity; and
- Evidence that the Subscriber is associated with the organisational entity.

2.2.2. PKIo Qualified Certificate issued to a legal person on a QSCD

The purpose of these EU Qualified Certificates are to identify the Subscriber with a High level of assurance, for the purpose of creating Qualified Electronic Seals meeting the requirements defined by the eIDAS Regulation. These Certificates use a Qualified Signature Creation Device (QSCD) meeting the requirements of Annex II of the eIDAS Regulation for the protection of the Private Key. In some cases, QuoVadis generates and manages Private Keys on behalf of the Subscriber and operates the QSCD in accordance with eIDAS. This will be signified by the presence of the 0.4.0.19431.1.1.3 OID in Certificate Policies. This OID is the EUSCP: EU SSASC Policy 'eu-remote-qscd' OID defined in ETSI TS 119 431-1.

These Certificates meet the ETSI policy for EU Qualified Certificate issued to a legal person where the Private Key and the related Certificate reside on a QSCD (QCP-l-qscd). QuoVadis recommends that QCP-l-qscd Certificates are used only for Electronic Seals. The content of these Certificates meet the relevant requirements of:

- ETSI EN 319 412-1: Certificate Profiles; Part 1: Overview and common data structures
- ETSI EN 319 412-2: Certificate Profiles; Part 3: Certificate profile for certificates issued to legal persons
- ETSI EN 319 412-5: Certificate Profiles; Part 5: QCStatements
- PKIoverheid PVE part 3B
- PKIoverheid PVE basiseisen
- PKIoverheid PVE aanvullende eisen

Registration Process

Identity validation procedures for these Certificates meet the requirements of ETSI EN 319 411-2 for "Policy for EU Qualified Certificate issued to a legal person where the Private Key and the related Certificate reside on a QSCD" (QCP-l-qscd).

The identity of the legal person and, if applicable, any specific attributes of the person, shall be verified:

- By the physical presence by an authorised representative of the legal person; or
- Using methods which provide equivalent assurance in terms of reliability to the physical presence of an authorised representative of the legal person and for which QuoVadis can prove the equivalence. The proof of equivalence can be done according to the eIDAS Regulation.

Evidence shall be provided of:

- Full name of the organisational entity consistent with the national or other applicable identification practices); and
- When applicable, the association between the legal person and the other organisational entity identified in association with this legal person that would appear in the organisation attribute of the Certificate, consistent with the national or other applicable identification practices.

For the authorised representative of the legal person, evidence shall be provided of:

- Full name (including surname and given names consistent with applicable law and national identification practices); and
- Date and place of birth, reference to a nationally recognised identity document, or other attributes which may be used to, as far as possible, distinguish the person from others with the same name.

2.3. PKIO SERVICES SERVER CERTIFICATES

QuoVadis issues PKIoverheid Domain CA 2020 Certificates for which limited authentication and authorization checks are performed on the Subscriber and the individuals acting for the Subscriber according to the terms of the QuoVadis PKIoverheid CPS (www.quovadisglobal.com/repository).

3. RELIANCE LIMITS

Certificates issued may only be used for the purposes that they were issued, as explained in the PKIoverheid CPS, Subscriber Agreement, and Terms of Use as well as identified in the Key Usage field of the Certificate itself. Certificates are prohibited from being used for any other purpose that described, and all Certificate usage must be within the limits of applicable laws.

4. OBLIGATIONS OF SUBSCRIBERS

Subscribers are required to act in accordance with this CPS, Subscriber Agreement, and Terms of Use. Subscriber obligations include:

- i) The obligation to provide QuoVadis with accurate and complete information in accordance with the requirements of the CPS, particularly with regards to registration;
- ii) The obligation for the Key Pair to be only used in accordance with any limitations notified to the Subscriber and the Subject if the Subject is a natural or legal person;
- iii) The prohibition of unauthorized use of the Subject's Private Key;
- iv) If the Subscriber has generated their own keys, then;
 - The obligation to generate the Subject keys using an algorithm as specified in ETSI TS 119 312 for the uses of the certified key as identified in the Certificate Policy of the PKIo PA;
 - The obligation to use the key length and algorithm as specified in ETSI TS 119 312 for the uses of the certified key as identified in the Certificate Policy of the PKIo PA during the validity time of the certificate;
- v) If the Subscriber or Subject generates the Subject's keys and certificate Key Usage is for Non-repudiation (signing), Digital Signatures or Key Encipherment, then;
 - The obligation for the Subject's Private Key to be maintained under the Subject's sole control;
 - The obligation to only use the Subject's Private Keys for cryptographic functions within the secure cryptographic device;
- vi) The obligation to notify QuoVadis, without delay, if any of the following occur up to the end of the Certificate validity period;
 - If the Subject's Private Key has been lost, stolen, potentially compromised;
 - Where control over the Subject's Private Key has been lost due to compromise of activation data (e.g., PIN code) or other reasons;
 - Where there are inaccuracies or changes to the Certificate content, as notified to the Subscriber or Subject;
- vii) The obligation, following compromise of the Subject's Private Key, to immediately and permanently discontinue use of this key, except for Key Decipherment; and
- viii) The obligation, in case of being informed that the Subject's Certificate has been revoked, or that the issuing CA has been compromised, to ensure that the Private Key is no longer used by the Subject.

See PKIoverheid CPS Section 9.6.3.

5. CERTIFICATE STATUS CHECKING OBLIGATIONS OF RELYING PARTIES

- i) Prior to relying on the Certificate or other authentication product or service, Relying Parties are obliged to check all status information provided by QuoVadis related to the Certificate or other authentication product or service to confirm that the information was still valid and that the product or service had not expired or been revoked. For Certificates, this includes checking to ensure that

each Certificate in the Certificate Chain is valid, unexpired, and non-revoked (by using any CRL or OCSP information available).

- to be relied upon as an EU Qualified Certificate, the CA/trust anchor for the validation of the Certificate shall be as identified in a service digital identifier of an EU Trusted List entry with service type identifier "http://uri.etsi.org/TrstSvc/Svctype/CA/QC" for a Qualified Trust Service Provider. ETSI TS 119 615 provides guidance on how to validate a Certificate against the EU Trusted Lists. ETSI TS 119 172-4 describes how to validate a digital signature to determine whether it can be considered as an EU Qualified electronic signature or seal.
- ii) Prior to relying on an authentication product or service, Relying Parties must gather sufficient information to make an informed decision about the proper use of the authentication product or service and whether intended reliance on the authentication product or service was reasonable in light of the circumstances. This includes evaluating the risks associated with their intended use and the limitations associated with the authentication product or service provided by QuoVadis.
- iii) Relying Parties' reliance on the authentication product or service is reasonable based on the circumstances. Relying Parties reliance will be deemed reasonable if:
- the attributes of the Certificate relied upon and the level of assurance in the Identification and Authentication provided by the Certificate are appropriate in all respects to the level of risk and the reliance placed upon that Certificate by the Relying Party;
 - the Relying Party has, at the time of that reliance, used the Certificate for purposes appropriate and permitted by the CP/CPS and under the laws and regulations of the jurisdiction in which the Relying Party is located;
 - the Relying Party has, at the time of that reliance, acted in good faith and in a manner appropriate to all the circumstances known, or circumstances that ought reasonably to have been known, to the Relying Party;
 - the Relying Party has, at the time of that reliance, verified the Digital Signature, if any;
 - the Relying Party has, at the time of that reliance, verified that the Digital Signature, if any, was created during the Operational Term of the Certificate being relied upon;
 - the Relying Party ensures that the data signed has not been altered following signature by utilising trusted application software,
 - the signature is trusted and the results of the signature are displayed correctly by utilising trusted application software;
 - the identity of the Subscriber is displayed correctly by utilising trusted application software; and
 - any alterations arising from security changes are identified by utilising trusted application software.

Note: If the circumstances indicate a need for additional assurances, it is the Relying Parties' responsibility to obtain such assurances.

See PKIoverheid CPS Section 9.6.4.

6. LIMITATIONS OF LIABILITY

QuoVadis shall not be liable for any special, indirect, incidental, consequential, or punitive damages (including any damages arising from loss of use, loss of data, lost profits, business interruption or costs of procuring substitute software or services) arising out of or relating to this CPS and related services.

See PKIoverheid CPS Section 9.8 for more information and liability limits. QuoVadis reserves the right, without liability, to reject any application for a Certificate.

7. APPLICABLE AGREEMENTS, CPS

The QuoVadis PKIoverheid CPS and Terms and Conditions (including the Master Services Agreement, Certificate Terms of Use, Privacy Policy and relevant QuoVadis CP/CPS) are available at <https://www.quovadisglobal.com/repository>

8. PRIVACY POLICY

The QuoVadis Privacy Notice is available at <https://www.quovadisglobal.com/privacy-policy/>. See PKIoverheid CPS Section 9.4.

9. REFUND POLICY

Details of refund policy may be contained in relevant contractual agreements. See PKIoverheid CPS Section 9.1.5.

10. APPLICABLE LAW, COMPLAINTS AND DISPUTE RESOLUTION

10.1. CUSTOMER COMPLAINTS

QuoVadis is committed to ensuring that we provide the best services and products possible to our customers. However, we do realise sometimes customers may want to pass on their concerns. In the event you have feedback, please contact us at qvcomplaints@digicert.com. We will acknowledge the receipt of your feedback within 24 hours and will provide a more specific response from the relevant department within 5 working days. In the majority of cases the relevant team leader will be able to respond to your feedback and resolve any outstanding issues without the need for escalation. In some cases, it may be necessary to involve other departments and team members to ensure the correct response is provided to you. This is at the discretion of the team leader or manager handling the process. You will be informed if this is necessary.

10.2. GOVERNING LAW

All agreements entered into by QuoVadis under the PKIoverheid CPS are governed by Dutch law, unless otherwise specified. See PKIoverheid CPS Section 9.14.

This CPS is subject to all applicable laws and regulations, including United States restrictions on the export of software and cryptography products. See PKIoverheid CPS Section 9.15.

10.3. DISPUTE RESOLUTION

To the extent permitted by law, before a Participant files suit or initiates an arbitration claim with respect to a dispute involving any aspect of this Agreement, Participant shall notify QuoVadis, and any other party to the dispute for the purpose of seeking business resolution. Both Participant and QuoVadis shall make good faith efforts to resolve such dispute via business discussions. If the dispute is not resolved within sixty (60) days after the initial notice, then a party may proceed as permitted under applicable law and as specified under this CPS and other relevant agreements. See PKIoverheid CPS section 9.13.

11. TSP AND REPOSITORY LICENCES, TRUST MARKS AND AUDIT

See <https://www.quovadisglobal.com/accreditations> for a list of QuoVadis' audits and accreditations.