# Standard Audit Attestation for

# Digi- ja väestötietovirasto (DVV)

## Reference: 071026-1-AL

Thessaloniki, 2026-10-07

To whom it may concern,

This is to confirm that “QMSCERT Audits Inspections Certifications S.A. (Q-CERT S.A.)” has audited the CAs of the “Digi- ja väestötietovirasto (DVV)” without critical findings.

This present Audit Attestation Letter is registered under the unique identifier number 071026-1-AL covers multiple Root-CAs and consists of 11 pages.

Kindly find here below the details accordingly.

In case of any question, please contact:


Q-CERT S.A.
5, Maria Kallas Str.
555 35 Pylaia, Thessaloniki, Greece
E-Mail: ict-certification@qmscert.com
Phone: +30 2310 443041


With best regards,

ELENI BAKIRTZI
Digitally signed by ELENI BAKIRTZI
Date: 2026.10.07 12:43:56 +03'00'

*Eleni Bakirtzi*
Head of Conformity Assessment Body

## General audit information

| Identification of the conformity assessment body (CAB) and assessment organization acting as ETSI auditor |
|---|
| • QMSCERT Audits Inspections Certifications S.A. (Q-CERT S.A.), 5 Maria Kallas Str., 555 35, Pylaia, Thessaloniki, Greece, registered under nº 042094606000<br>• Accredited by ACCREDIA under registration no. 01326[1] for the certification of trust services according to "EN ISO/IEC 17065:2012" and "ETSI EN 319 403 V2.2.2 (2015-08)" / "ETSI EN 319 403-1 V2.3.1 (2020-06)".<br>• Insurance Carrier (BRG section 8.2):<br>AIG Europe S.A., Policy No. P2301004773<br>• Third-party affiliate audit firms involved in the audit:<br>None. |
| **Identification and qualification of the audit team** |
| • Number of team members: Two (2)<br>• Academic qualifications of team members:<br>All team members have formal academic qualifications or professional training or extensive experience indicating general capability to carry out audits based on the knowledge given below and at least four years full time practical workplace experience in information technology, of which at least two years have been in a role or function relating to relevant trust services, public key infrastructure, information security including risk assessment/management, network security and physical security.<br>• Additional competences of team members:<br>• All team members have knowledge of<br>1) audit principles, practices and techniques in the field of CA/TSP audits gained in a training course of at least five days;<br>2) the issues related to various areas of trust services, public key infrastructure, information security including risk assessment/management, network security and physical security;<br>3) the applicable standards, publicly available specifications and regulatory requirements for CA/TSPs and other relevant publicly available specifications including standards for IT product evaluation; and<br>4) the Conformity Assessment Body's processes.<br>Furthermore, all team members have language skills appropriate for all organizational levels within the CA/TSP organization; note-taking, report-writing, presentation, and interviewing skills; and relevant personal attributes: objective, mature, discerning, analytical, persistent and realistic.<br>• Professional training of team members: |

[1] https://services.accredia.it/ppsearch/accredia_orgmask.jsp?ID_LINK=1733&area=310&PPSEARCH_ORG_SEARCH_MASK_ORG=3761&PPSEARCH_ORG_SEARCH_MASK_SCHEMI=&PPSEARCH_ORG_SEARCH_MASK_SCHEMI_ALTRI=&PPSEARCH_ODC_SEARCH_MASK_SETTORE_ACCR=&PPSEARCH_ORG_SEARCH_MASK_CITTA=&PPSEARCH_ORG_SEARCH_MASK_PROVINCIA=&PPSEARCH_ORG_SEARCH_MASK_REGIONE=&PPSEARCH_ORG_SEARCH_MASK_STATO=&orgtype=all&PPSEARCH_ORG_SEARCH_MASK_SCOPO=&PPSEARCH_ORG_SEARCH_MASK_PDFACCREDITAMENTO=&submitBtn=Cerca

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| See “Additional competences of team members” above. Apart from that are all team members trained to demonstrate adequate competence in:<br>a) knowledge of the CA/TSP standards and other relevant publicly available specifications;<br>b) understanding functioning of trust services and information security including network security issues;<br>c) understanding of risk assessment and risk management from the business perspective;<br>d) technical knowledge of the activity to be audited;<br>e) general knowledge of regulatory requirements relevant to TSPs; and<br>f) knowledge of security policies and controls.<br>• Types of professional experience and practical audit experience:<br>The CAB ensures, that its personnel performing audits maintains competence on the basis of appropriate education, training or experience; that all relevant experience is current and prior to assuming responsibility for performing as an auditor, the candidate has gained experience in the entire process of CA/TSP auditing. This experience shall have been gained by participating under supervision of lead auditors in a minimum of four TSP audits for a total of at least 20 days, including documentation review, on-site audit and audit reporting.<br>• Additional qualification and experience Lead Auditor:<br>On top of what is required for team members (see above), the Lead Auditor<br>a) has acted as auditor in at least three complete TSP audits;<br>b) has adequate knowledge and attributes to manage the audit process; and<br>c) has the competence to communicate effectively, both orally and in writing.<br>• Special skills or qualifications employed throughout audit:<br>None.<br>• Special Credentials, Designations, or Certifications:<br>All members are qualified and registered assessors within the accredited CAB.<br>• Auditors code of conduct incl. independence statement:<br>Code of Conduct as of Annex A, ETSI EN 319 403 or ETSI EN 319 403-1 respectively. |
| Identification and qualification of the reviewer performing audit quality management |
| • Number of Reviewers/Audit Quality Managers involved independent from the audit team: Two (2)<br>• The reviewer fulfils the requirements as described for the Audit Team Members above and has acted as an auditor in at least three complete CA/TSP audits. |

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|---|---|
| Identification of the CA / Trust Service Provider (TSP): | Digi- ja väestötietovirasto (DVV), Lintulahdenkuja 2, 00531, Helsinki, Finland<br>registered under 0245437-2 |

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|---|---|
| Type of audit: | ☒ Period of time, full audit |
| Audit period covered for all policies: | 2025-07-11 to 2026-07-10 |

| | |
|---|---|
| Point in time date: | none, as audit was a period of time audit |
| Audit dates: | 2026-04-27 (remotely)<br>2026-05-04 to 2026-05-07 (on site)<br>2026-07-14 (remotely) |
| Audit location: | Helsinki, Finland |

## Root 1: VRK Gov. Root CA - G2

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|---|---|
| Standards considered: | European Standards:<br>• ETSI EN 319 411-2 V2.5.1 (2023-10)<br>• ETSI EN 319 411-1 V1.4.1 (2023-10)<br>• ETSI EN 319 401 V3.1.1 (2024-06)<br><br>For the Trust Service Provider Conformity Assessment:<br>• ETSI EN 319 403-1 V2.3.1 (2020-06)<br>• ETSI TS 119 403-2 V1.3.1 (2023-03) |

The audit was based on the following policy and practice statement documents of the CA / TSP:

- [CP] CERTIFICATE POLICY SERVICE CERTIFICATES, version 1.8, as of 2025-09-15.
- [CPS] CERTIFICATION PRACTICE STATEMENT FOR THE DIGITAL AND POPULATION DATA SERVICES AGENCY'S SERVER CERTIFICATES, version 1.8, as of 2025-09-15.

No major or minor non-conformities have been identified during the audit.

To the best of our knowledge, no incidents have occurred within this Root-CA's hierarchy during the audited period.

| Distinguished Name | SHA-256 fingerprint | Applied policy |
|---|---|---|
| CN=VRK Gov. Root CA - G2,OU=Varmennepalvelut,OU=Certification Authority Services,O=Vaestorekisterikeskus CA,C=FI | 34FF2A4409DC1383E9F8966E8ADFE5719EBA373FD0AD5E2F49F90EE07CF5D4C1 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |

**Table 1: Root-CA 1 in scope of the audit**

The TSP named the Sub-CAs that have been issued by the aforementioned Root-CA, that are listed in the following table and that have been covered in this audit.

| Distinguished Name | SHA-256 fingerprint | Applied policy |
|---|---|---|
| CN=VRK Gov. CA for Citizen Certificates - G3,OU=Valtion kansalaisvarmenteet,O=Vaestorekisterikeskus CA,C=FI | 39A835B14B6B6313F778371C79CB434DD518C8FD325B749D9BE669DFF20384E8 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=VRK CA for Organisational Certificates - G3,OU=Organisaatiovarmenteet,O=Vaestorekisterikeskus CA,C=FI | 9C0B9EBEA95590D0FAFE4A46C62E49DD0BA6CC0A80F89019A23D037E1A4C1B5B | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=VRK CA for Social Welfare and Healthcare Prof. Certs,OU=Sosiaali- ja terveydenhuollon ammattivarmenteet,O=Vaestorekisterikeskus CA,C=FI | 0E839EE68B1EEF721D31E62E589E692C03180FAADADE48A71837C25090B3ACC4 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=VRK CA for Social Welfare and Healthcare Service Providers - G2,OU=Sosiaali- ja terveydenhuollon palveluvarmenteet,O=Vaestorekisterikeskus CA,C=FI | A6B34F7B0E87446362BB1A2BF3EE95DD56D8BA97A9FFB03DF41031377ECDD6F8 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=VRK CA for Service Providers - G4,OU=Palveluvarmenteet,O=Vaestorekisterikeskus CA,C=FI | 1BD3870B842FF0A637284268017E18E455A7FD2D84468F3CDF7D587C7AB35C9D | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |

**Table 2: Sub-CA's issued by the Root-CA 1 or its Sub-CA's in scope of the audit**

## Root 2: DVV Gov. Root CA - G3 RSA

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|---|---|
| Standards considered: | European Standards:<br>• ETSI EN 319 411-2 V2.5.1 (2023-10)<br>• ETSI EN 319 411-1 V1.4.1 (2023-10)<br>• ETSI EN 319 401 V3.1.1 (2024-06)<br><br>For the Trust Service Provider Conformity Assessment:<br>• ETSI EN 319 403-1 V2.3.1 (2020-06)<br>• ETSI TS 119 403-2 V1.3.1 (2023-03) |

The audit was based on the following policy and practice statement documents of the CA / TSP:

- [CP] CERTIFICATE POLICY SERVICE CERTIFICATES G3, version 1.5, as of 2025-01-08.
- [CPS] CERTIFICATION PRACTICES FOR THE DIGITAL AND POPULATION DATA SERVICES AGENCY'S SERVICE CERTIFICATES, version 1.7, as of 2025-11-01.

No major or minor non-conformities have been identified during the audit.

This Audit Attestation also covers the following incidents as described in the following.

- Bug 2032481, Digi- ja väestötietovirasto Misissuance detected by PKIMetal https://bugzilla.mozilla.org/show_bug.cgi?id=2032481

The remediation measures taken by Digi- ja väestötietovirasto as described on Bugzilla (see link above) have been checked by the auditors and did not properly address the incident.

| Distinguished Name | SHA-256 fingerprint | Applied policy |
|---|---|---|
| CN=DVV Gov. Root CA - G3 RSA,OU=Varmennepalvelut,OU=Certification Authority Services,O=Digi- ja vaestotietovirasto CA,C=FI | D3ED3FC40AD26B52E001E1E18F4B9449529DEB75A81D5EB680D7B62DB23BA96D | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |

**Table 3: Root-CA 2 in scope of the audit**

The TSP named the Sub-CAs that have been issued by the aforementioned Root-CA, that are listed in the following table and that have been covered in this audit.

| Distinguished Name | SHA-256 fingerprint | Applied policy |
|---|---|---|
| CN=DVV Citizen Certificates - G4R,OU=Valtion kansalaisvarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | 2176C05E69EE24946A140D13F9EFA222B3F1E768E1E2A67B313969CC03B82064 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=DVV Organisational Certificates - G4R,OU=Organisaatiovarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | DFC3E965176F883A9CF0F68CEAEEAB663EDFD8E79DE3294373C28A856984006F | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=DVV Social Welfare and Healthcare Prof. Certificates - G2R,OU=Sosiaali- ja terveydenhuollon ammattivarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | 6073359DE6BDFBF83874CBD53D4BDE3D8165A8E7A9F772F02A7C6A48A8E7B77B | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=DVV Social Welfare and Healthcare Prof. Temp. Certificates - G2R,OU=Sosiaali- ja terveydenhuollon tilapaisammattivarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | 6E73C6A3422AE3BB37AF6D3933092A1F6959C09EB17F0A7E14F539665F50C949 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=DVV Social Welfare and Healthcare Service Certificates - G3R,OU=Sosiaali- ja terveydenhuollon palveluvarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | 9D433C237C3AEE7A676C9A2ED4ECCB9E40ED17914655571624F0A89969B634BF | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=DVV Service Certificates - G5R,OU=Palveluvarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | 46319C69041DB9A0D93DAE802E3002CC615365931FE0976D392E8863E3F3BE31 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=DVV Temporary Certificates - G3R,OU=Tilapaisvarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | 428089726472CA75A47F8E011AEB6483036973C72CF05478953B2FC2E012B731 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |

**Table 4: Sub-CA's issued by the Root-CA 2 or its Sub-CA's in scope of the audit**

## Root 3: DVV Gov. Root CA - G3 ECC

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|---|---|
| Standards considered: | European Standards:<br>• ETSI EN 319 411-2 V2.5.1 (2023-10)<br>• ETSI EN 319 411-1 V1.4.1 (2023-10)<br>• ETSI EN 319 401 V3.1.1 (2024-06)<br><br>For the Trust Service Provider Conformity Assessment:<br>• ETSI EN 319 403-1 V2.3.1 (2020-06)<br>• ETSI TS 119 403-2 V1.3.1 (2023-03) |

The audit was based on the following policy and practice statement documents of the CA / TSP:

- [CP] CERTIFICATE POLICY SERVICE CERTIFICATES G3, version 1.5, as of 2025-01-08.
- [CPS] CERTIFICATION PRACTICES FOR THE DIGITAL AND POPULATION DATA SERVICES AGENCY'S SERVICE CERTIFICATES, version 1.7, as of 2025-11-01.

No major or minor non-conformities have been identified during the audit.

This Audit Attestation also covers the following incidents as described in the following.

- Bug 2032481, Digi- ja väestötietovirasto Misissuance detected by PKIMetal https://bugzilla.mozilla.org/show_bug.cgi?id=2032481

The remediation measures taken by Digi- ja väestötietovirasto as described on Bugzilla (see link above) have been checked by the auditors and did not properly address the incident.

| Distinguished Name | SHA-256 fingerprint | Applied policy |
|---|---|---|
| CN=DVV Gov. Root CA - G3 ECC,OU=Varmennepalvelut,OU=Certification Authority Services,O=Digi- ja vaestotietovirasto CA,C=FI | 5546A52504FBA74F61FFD4890067529ADE3B9C9D07E502592831CCDA9B369FD3 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |

**Table 5: Root-CA 3 in scope of the audit**

The TSP named the Sub-CAs that have been issued by the aforementioned Root-CA, that are listed in the following table and that have been covered in this audit.

| Distinguished Name | SHA-256 fingerprint | Applied policy |
|---|---|---|
| CN=DVV Citizen Certificates - G4E,OU=Valtion kansalaisvarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | AAD1BEAC4696102A88BF9D518D64F8B014F78F9B152579C959998313197924D7 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=DVV Organisational Certificates - G4E,OU=Organisaatiovarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | 8FDBDCCB5820F1C79EF8BCE190E2B3CD2CC3D0B6BD8311B1F75FBD48BBC230D4 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=DVV Social Welfare and Healthcare Prof. Certificates - G2E,OU=Sosiaali- ja terveydenhuollon ammattivarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | A155B9FB8A372683A3825054F9A5265C55430A68616BAD8A1726E70F09F95A26 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=DVV Social Welfare and Healthcare Service Certificates - G3E,OU=Sosiaali- ja terveydenhuollon palveluvarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | A5C53CF6843A395E6EC244E9B27D58413295428DED97586FD4F67AA4AB8D49A0 | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |
| CN=DVV Service Certificates - G5E,OU=Palveluvarmenteet,O=Digi- ja vaestotietovirasto CA,C=FI | 93C176167ECA02A1B262B16517AC5FB5FC25D3568D97ECDDD04E3A6126B6C7BA | ETSI EN 319 411-1 V1.4.1, OVCP<br>ETSI EN 319 411-2 V2.5.1, QNCP-w |

**Table 5: Sub-CA’s issued by the Root-CA 3 or its Sub-CA’s in scope of the audit**

## Modifications record

| Version | Issuing Date | Changes |
|---|---|---|
| Version 1 | 2026-10-07 | Initial attestation |

## End of the audit attestation letter.