Audit Attestation for

HALCOM d.d.
Tržaška cesta 118, 1000 Ljubljana, Slovenia

Reference: AAL_11276145_2021_01-Rev. 01

Ljubljana, 2021-09-29

To whom it may concern,

This is to confirm that Bureau Veritas d.o.o. has audited the CAs of the HALCOM d.d., Tržaška cesta 118, 1000 Ljubljana, Slovenia without critical findings.

This present Audit Attestation Letter is registered under the unique identifier number AAL_11276145_2021_01-Rev. 01 and consists of 8 pages.

Kindly find here below the details accordingly.

In case of any question, please contact:

Bureau Veritas d.o.o.
Linhartova cesta 49a
1000 Ljubljana, Slovenia
E-Mail: eidas-slovenia@bureauveritas.com
Phone: +38614757670

With best regards,

_____   _____
LTM   Certification Manager

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Identification of the conformity assessment body (CAB) and assessment organization:	• Bureau Veritas d.o.o., Linhartova cesta 49a, 1000 Ljubljana, Slovenia https://www.bureauveritas.si/sites/g/files/zypfnx291/files/media/document/AAL_11276145_2021_01-Rev.%2001_sgn.pdf registered under company_registration no.: 5000939000 • Accredited by Slovenska Akreditacije (SA) https://www.slo-akreditacija.si/?lang=en# under registration accreditation_registration₁: http://www.slo-akreditacija.si/acredition/bureau-veritas-d-o-o-3/ for the certification of trust services according to "EN ISO/IEC 17065:2012" and "ETSI EN 319 403 V2.2.2 (2015-08)".
Identification and qualification of the audit team:	• Number of team members: 2 • Academic qualifications of team members: 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. • Additional competences of team members: All team members have knowledge of 1) audit principles, practices and techniques in the field of CA/TSP audits gained in a training course of at least five days; 2) the issues related to various areas of trust services, public key infrastructure, information security including risk assessment/management, network security and physical security; 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 4) the Conformity Assessment Body's processes. 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. • Professional training of team members: See "Additional competences of team members" above. Apart from that are all team members trained to demonstrate adequate competence in: a) knowledge of the CA/TSP standards and other relevant

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₁ URL to the accreditation certificate hosted by the national accreditation body

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	publicly available specifications; b) understanding functioning of trust services and information security including network security issues; c) understanding of risk assessment and risk management from the business perspective; d) technical knowledge of the activity to be audited; e) general knowledge of regulatory requirements relevant to TSPs; and f) knowledge of security policies and controls. • Types of professional experience and practical audit experience: 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. • Additional qualification and experience Lead Auditor: On top of what is required for team members (see above), the Lead Auditor a) has acted as auditor in at least three complete TSP audits; b) has adequate knowledge and attributes to manage the audit process; and c) has the competence to communicate effectively, both orally and in writing. • Special skills or qualifications employed throughout audit: none. • Special Credentials, Designations, or Certifications: All members are qualified and registered assessors within the accredited CAB. Auditors code of conduct incl. independence statement: 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: 1 • 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.

Identification of the trust service provider (TSP):	HALCOM d.d., Tržaška cesta 118, 1000 Ljubljana, Slovenia registered under company registration No: 5556511000

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Audit Period covered for all policies:	2020-06-01 to 2021-05-31
Audit dates:	2021-05-26 to 2021-05-27 (on site)
Audit Location:	HALCOM d.d., Tržaška cesta 118, 1000 Ljubljana, Slovenia

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Identification of the audited Root-CA:	name of the root, e.g. common Name	
	Distinguished Name	CN = Halcom Root Certificate Authority O = Halcom d.d. C = SI
	SHA-256 fingerprint	D7BA3F4FF8AD05633451470DDA3378A3491B90005E5C687D2B68D53647CFDD66
	Certificate Serial number	0CDF9B
	Applied policy	ETSI EN 319 411-1 V1.2.2, $policy ETSI EN 319 411-2 V2.2.2, $policy

The audit was performed as full period of time audit at the TSP's location in HALCOM d.d., Tržaška cesta 118, 1000 Ljubljana, Slovenia. It took place from 2021-05-26 until 2021-05-27 and covered the period from 2020-06-01 until 2021-05-31. The audit was performed according to the European Standards "ETSI EN 319 411-2, V2.2.2 (2018-04)", "ETSI EN 319 411-1, V1.2.2 (2018-04)" and "ETSI EN 319 401, V2.2.1 (2018-04)" as well as CA Browser Forum Requirements "EV SSL Certificate Guidelines, version 1.7.1" and "Baseline Requirements, version 1.6.7" considering the requirements of the "ETSI EN 319 403-1 V2.3.1 (2020-06)" and "ETSI TS 119 403-2 V1.2.4 (2020-11)" for the Trust Service Provider Conformity Assessment.

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The full annual audit was based on the following policy and practice statement documents of the TSP:

1. Certificate Practise Statement, version 07, as of 2021-06-15
2. Halcom CA PO e-signature 1, version 05, as of 2021-06-15
3. Halcom CA PO e-seal 1 (Certificates for information systems), version 05, as of 2021-06-15
4. Halcom CA PO e-seal 1 (Advanced and Claud certificates), version 05, as of 2021-06-15
5. Halcom CA web 1, version 05, as of 2021-06-15
6. Halcom CA TSA 1, version 04, as of 2021-06-15
7. Halcom CA TS 5, version 01, as of 2021-06-15
8. Halcom CA FO e-signature 1 (Advanced and Cloud certificates), version 05, as of 2021-06-15
9. Halcom CA FO e-signature 1 (Standard certificates), version 05, as of 2021-06-15

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

This Audit Attestation also covers the following incidents as documented under
None.

The remediation measures taken by HALCOM d.d., Tržaška cesta 118, 1000 Ljubljana, Slovenia as described on Bugzilla (see link above) have been checked by the auditors and properly addressed the incident. The long-term effectiveness of the measures will be rechecked at the next regular audit.

The Sub-CA that have been issued by the aforementioned Root-CA and that have been covered by this audit are listed in table 1 below. The TSP assured that all non-revoked Sub-CA that are technically capable of issuing server or email certificates and that have been issued by this Root-CA are in the scope of regular audits.

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Distinguished Name	SHA-256 fingerprint	Applied policy OID	EKU
CN = Halcom CA FO e-signature 1, O = Halcom d.d., C = SI	24709797CD505CD70F27B2A6A013AF7455155CF7BA3E9AB6ACF03ABB12B8045B	[ETSI EN 319 411-1] Policy: NCP; NCP+ [ETSI EN 319 411-2] Policy: QCP-n; QCP-n-qscd;	not defined
CN = Halcom CA PO e-seal 1, O = Halcom d.d., C = SI	7B1D60647E7DAB721BCE21BD2EC8D2AF281207B01474B1A47BF5CF772A311D9D	[ETSI EN 319 411-1] Policy: NCP, NCP+ [ETSI EN 319 411-2] Policy: QCP-l; QCP-l-qscd	not defined
CN = Halcom CA PO e-signature 1, O = Halcom d.d., C = SI	6616DA2DC8C81CD1D5ACB8664D8715E07925915B1130D0D2284604620FABFA98	[ETSI EN 319 411-1] Policy: NCP+ [ETSI EN 319 411-2] Policy: QCP-n-qscd	not defined
CN = Halcom CA web 1, O = Halcom d.d., C = SI	D12DF63569F0F814514C2E29C93A9A133A4CBAA92D3046F8C6BC2D9D6F66F087	[ETSI EN 319 411-1] Policy: LCP, NCP, DVCP, OVCP [ETSI EN 319 411-2] Policy: QCP-w	not defined
CN = Halcom CA TSA 1, O = Halcom d.d., C = SI	A2FE481DBD77689629828DA50957B55B0D2CC4960601B3CB04E60C1DC3BC246C	[ETSI EN 319 411-1] Policy: NCP+ [ETSI EN 319 411-2] Policy: QCP-n-qscd; QCP-l-qscd	not defined

Table 1: Sub-CA's issued by the Root-CA or its Sub-CA's

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Modifications record

Version	Issuing Date	Changes
Version 00	2021-06-07	Initial attestation
Version 01	2021-09-29	Changed AAL website link and policies versions and dates.

End of the audit attestation letter.

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