HUNGUARD

Audit Attestation for

Microsec Micro Software Engineering & Consulting Private Limited Company by Shares as a Qualified Trusted Service Provider

Reference: HUNG-AA-005-2022

Budapest, 2022-11-28

To whom it may concern,

This is to confirm that „HUNGUARD Kft." has successfully audited the CAs of Microsec Micro Software Engineering & Consulting Private Limited Company by Shares without critical findings. This present Audit Attestation Letter is registered under the unique identifier number "HUNG-AA-005-2022" and consist of 9 pages. Kindly find here-below the details accordingly.

In case of any question, please contact:

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With best regards:

Zsolt Attila Endrődi   Tibor Németvári
reviewer   lead auditor

Identification of the conformity assessment body (CAB) and assessment organization acting as ETSI auditor:	• HUNGUARD Informatics and IT R&D and General Service Provider Ltd. (6 Kékgolyó str. Budapest 1123 Hungary) as a certification authority. Accredited by the accreditation document No. NAH-6-0048/2018[1] of National Accreditation Authority according to "MSZ EN ISO/IEC 17065:2013" and "MSZ EN 319 403-1:2020". CAB member of Accredited Conformity Assessment Bodies' Council.
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 and 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 publicly available specifications; b) understanding functioning of trust services and information security including network security issues;

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[1]https://nah.gov.hu/admin/staticmedia/Reszletezo_okiratok/RO3-NAH-220217-6-0048-2018-V2-BNN-10398221-a.pdf

	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: National security clearance up to top secret level. • Special Credentials, Designations, or Certifications: All members are qualified and registered assessors within the accredited CAB. All members have CISA certificate. • Auditors code of conduct incl. independence statement: Code of Conduct as of Annex A, MSZ EN 319 403-1:2020 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. He has CISA and CISM certificate.

Identification of the CA / Trust Service Provider (TSP):	MICROSEC Micro Software Engineering & Consulting Private Limited Company by Shares, Ángel Sanz Briz út 13, 1033 Budapest, Hungary registered under 01-10-047218

Type of audit:	☐ Point in time audit ☐ Period of time, after x month of CA operation ☒ Period of time, full audit
Audit period covered for all policies:	2021-09-10 to 2022-09-09
Point in time date:	none
Audit dates:	2022-09-05 to 2022-09-09 (on site)
Audit location:	Facility 1 in Budapest: Ángel Sanz Briz út 13, 1033 Budapest, Hungary (Note that this data centre of the organisation, although located in the same place, has a different postal address: Záhony utca 7, 1031 Budapest, Hungary) Facility 2 in Budapest: T-Systems Cloud & Data Center – Asztalos Sándor út 13, 1087 Budapest, Hungary

Standards considered:	European Standards: ☒ ETSI EN 319 411-2, V2.4.1 (2021-11) ☒ ETSI EN 319 411-1, V1.3.1 (2021-05) ☒ ETSI EN 319 401, V2.3.1 (2021-05) CA Browser Forum Requirements: ☒ EV SSL Certificate Guidelines v1.7.9 ☒ Baseline Requirements v1.8.4 For the Trust Service Provider Conformity Assessment: ☒ ETSI EN 319 403-1 V2.3.1 (2020-06) ☒ ETSI TS 119 403-2 V1.2.4 (2020-11)

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

1. e-Szignó Certification Authority, eIDAS conform Non-Qualified Certificate for Electronic Signature Certificate Policies, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

2. e-Szignó Certification Authority, eIDAS conform Non-Qualified Certificate for Electronic Signature Certification Practice Statement, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

3. e-Szignó Certification Authority, eIDAS conform Non-Qualified Certificate for Electronic Signature Disclosure Statement, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

4. e-Szignó Certification Authority, eIDAS conform Qualified Certificate for Electronic Signature, Certificate Policies, version: 3.1as of 2021-07-01, Date of effect: 2022-08-31

5. e-Szignó Certification Authority, eIDAS conform Qualified Certificate for Electronic Signature Certification Practice Statement, version: 3.1as of 2021-07-01, 2022-08-31

6. e-Szignó Certification Authority, eIDAS conform Qualified Certificate for Electronic Signature Disclosure Statement, version: 3.1as of 2021-07-01, Date of effect: 2022-08-31

7. e-Szignó Certification Authority, eIDAS conform Non-Qualified Certificate for Electronic Seal Certificate Policies, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

8. e-Szignó Certification Authority, eIDAS conform Non-Qualified Certificate for Electronic Seal Certification Practice Statement, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

9. e-Szignó Certification Authority, eIDAS conform Non-Qualified Certificate for Electronic Seal Disclosure Statement, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

10. e-Szignó Certification Authority, eIDAS conform Qualified Certificate for Electronic Seal Certificate Policies, version: 3.1as of 2021-07-01, Date of effect: 2022-08-31

11. e-Szignó Certification Authority, eIDAS conform Qualified Certificate for Electronic Seal Certification Practice Statement, version: 3.1as of 2021-07-01, Date of effect: 2022-08-31

12. e-Szignó Certification Authority, eIDAS conform Qualified Certificate for Electronic Seal Disclosure Statement, version2.23 as of 2022-08-24, Date of effect: 2022-08-31

13. e-Szignó Certification Authority, eIDAS conform Certificate for Website Authentication Certificate Policies, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

14. e-Szignó Certification Authority, eIDAS conform Certificate for Website Authentication Certification Practice Statement, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

15. e-Szignó Certification Authority, eIDAS conform Certificate for Website Authentication Disclosure Statement, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

16. e-Szignó Certification Authority, eIDAS conform Qualified Certificates for Website Authentication Certificate Policy, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

17. e-Szignó Certification Authority, eIDAS conform Qualified Certificate for Website Authentication Certification Practice Statement, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

18. e-Szignó Certification Authority, eIDAS conform Qualified Certificate for Website Authentication Disclosure Statement, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

19. e-Szignó Certification Authority, Non eIDAS covered Certificate, Certificate Policies, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31
20. e-Szignó Certification Authority, Non eIDAS covered Certificates Certification Practice Statement, version: 3.1 as of 2022-08-24, Date of effect: 2022-08-31

In the following areas, non-conformities have been identified throughout the audit:

Findings with regard to ETSI EN 319 401

1. REQ-6.2-02

The validity period of the SSL certificate is not clearly defined in the policy. The document states "up to 398 days", but in fact it is valid for 365 days.

2. REQ-7.9-09

The independent system auditor's activities differ from those specified in the policy and wiki description. The review frequency of the systems audit script was not adequate.

Findings with regard to ETSI EN 319 411-1

3. OVR-5.3-01

The change to the OID in the policy (section 9.12.3) is not appropriate given that the "new" practice is that from now on the OID does not include the policy version.

4. SDP-6.3.3-08

In concern of subject device (aka. QSCD) provision service, the regulation of the PUK envelope in the EHSZ Operational and Security Regulations and in the System Plan (Chapter 4.8.9) is not appropriate, it is a paper-based solution as opposed to the current one that is placed in the customer web account, called „Customer area".

5. REG-6.3.4-02

The video identification information link at the onsite audit showed version 1.2v of the document (Conditions for Video Identification), while the current one is 1.3v.

For all minor non-conformities (except that have been resolved by the time this Attestation Letter is written, see the list below), remediation has been scheduled within three months after the onsite audit at latest and will be covered by a corresponding audit.

Findings with regard to ETSI EN 319 411-2:

None.

The following minor non-conformity was resolved during the audit:
REG-6.3.4-02

For all non-conformities, remediation has been scheduled within three months after the onsite audit at latest and will be covered by a corresponding audit.

There were no incidents which has to be reported in this letter.

Distinguished Name	SHA-256 fingerprint	Applied policy and OID
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Root CA 2017	BEB00B30839B9BC32C32E4447905950641F26421B15ED089198B518AE2EA1B99	LCP, NCP, NCP+, OVCP, DVCP, IVCP and EVCP of ETSI EN 319 411-1 QCP-l, QCP-l-qscd, QCP-n, QCP-n-qscd and QEVCP-w of ETSI EN 319 411-2 BTSP of ETSI EN 319 421

Table 1: Root-CA 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 and OID	EKU
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Class2 CA 2017	42DC827F46FB5E85DFFAE47D3C690F501ECE25D575D597A50D8F878FA42AFCEA	LCP	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Class2 CodeSigning CA 2020	BA52633D91DFD48EE5B135B2543E8DD3557F2DB33C0534E41A2268097C3008CA	LCP	1.3.6.1.5.5.7.3.3.
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Class2 SSL CA 2017	2A0E3F2A77A80DCBE5CD52D50D65076EBD37FAD531DB10D6A1385A557F7B725D	OVCP, DVCP, IVCP	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Class3 CA 2017	4F83842F1F04AB1E04D4D8E751666FCA82E5191CAFC24062BFD1FE77C02CA4B4	NCP, NCP+	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Class3 CodeSigning CA 2020	711CBB0479DDC596745815E797423305F95EDD792C5BC5854CED5A7FAFB4AA8D	NCP	1.3.6.1.5.5.7.3.3.

/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Class3 SSL CA 2017	BCBC18C463B61F3A033B10C74974ED8A2C328AFCD67A338D9871506A3515419F	OVCP, DVCP, IVCP	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Online SSL CA 2017	974B82076154CEFF56ED4DB562186F7394A02FF387AA205D6367A8B08FF7FAA0	OVCP, DVCP, IVCP	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Pseudonymous CA 2017	6A6F2FA13B2D9DBBB409802002D3370672760A2178D9B8D5694D660474231FA4	LCP, NCP, NCP+	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Qualified CA 2017	5ABE5818F6D02F05106C6C355540E1BE217C2354B535CF2507BF8515E1A6044A	QCP-n-qscd	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Qualified Organization CA 2017	12EA26F6EEEFEC76AB8592545403AB88515B00E275D9888713407A86FC5C7FD7	QCP-l-qscd	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Qualified Pseudonymous CA 2017	1648CE4AB1BB65C485CB2236C768FABB865147D426915B92AFBCA81E9B2EE3BC	QCP-n	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Qualified QCP CA 2017	6081BEE5B0DF191AC4E265AC0F6F7899F078B8C89F06055AE166AF91DF70D6E0	QCP-l-NCP+, QCP-n-NCP+, QPC-l, QCP-n	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno Qualified TLS CA 2018	7DF800075F5203C017364E81195A9AC9FF00C507D64A70F737D8D3E8CB3F0845	QEVCP-w	not defined
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno TSA CA 2017	9E94BB8ADAD7A6CE4DCB1208F1239DC1E43483F1B7E81F74A90A20FB5E5C49B7	BTSP	1.3.6.1.5.5.7.3.8
/C=HU/L=Budapest/O=Microsec Ltd./2.5.4.97=VATHU-23584497/ CN=e-Szigno TSA CA 2020	B4C177E357565C99E90ED886D799F8C6BEFF806DA5A048551878489B9C27E488	BTSP	1.3.6.1.5.5.7.3.8

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

Modifications record

Version	Issuing Date	Changes
Version 1	2022-10-27	Initial attestation
Version 1.1	2022-11-28	Correction in order to support CCADB upload

End of the audit attestation letter.