



CERTIFICATE

The certification body of TÜV AUSTRIA GMBH herewith grants certification to

SK ID Solutions AS
Pärnu mnt 141
11314 Tallinn
Estonia

confirming that the trust service

SK Time-Stamping Authority for qualified electronic time stamps

for the scope of

creation of qualified electronic time stamps

is compliant with the relevant requirements as of the regulation
Reg. (EU) No. 910/2014 (eIDAS).

The certification statement is valid only with the Conformity Assessment Report
TA235223862_CAR_A3.

The certificate comprises an appendix of 7 pages.

Certificate-Reg.-Nr. TA235223862

begin of certificate validity: 2022-03-26

end of certificate validity: 2024-03-26

Certification body
of TÜV AUSTRIA GMBH

Vienna, 2023-09-15

This certification was carried out in accordance with TÜV AUSTRIA GMBH
procedures for auditing and certification and is regularly monitored.
TÜV AUSTRIA GMBH, Deutschstraße 10 A-1230 Wien www.tuv.at



Online Verification



www.tuv.at/certcheck

Amendment to the certificate appendix

This is an amendment to the already existing certification. Reason of the amendment is:

Amendment reason:	<input type="checkbox"/> Surveillance Conformity Assessment <input checked="" type="checkbox"/> Amendment Conformity Assessment because of a change in the service
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The details of the amendment are described in the following sections.

1. Assessment and Certification Details

Subject of this surveillance conformity assessment as of 2023-03-17 for the service “SK Time-Stamping Authority for qualified electronic time stamps” documented with assessment report No. TA235223862_CAR, version 2.1 as of 2022-01-24 as well as amendment assessment reports No. TA235223862_CAR_A1, version 2.2 as of 2022-11-21, No. TA235223862_CAR_A2, version 3.1 as of 2023-03-17 and No. TA235223862_CAR_A3, version 3.2 as of 2023-09-14 were the following documents of the operator and the PKI structure as listed in the following:

1.1 Operator Documents assessed during the amendment conformity assessment (Amendment 3)

TSPS	SK ID Solutions AS Trust Services Practice Statement Version 12.0 as of 2024-01-15
TSA_PS	Time-Stamping Authority Practice Statement Version 6.1 as of 2023-11-08
TAC_TSA	Terms and Conditions for Use of Time- Stamping Service valid as of 2023-11-08
TAC_SA	General Terms of Subscriber Agreement Version 4.1 as of 2023-07-01
CPR_CA	Certificate, OCSP and CRL Profile for intermediate CA Version 3.4 as of 2023-11-08

1.2 Operator Documents assessed during the amendment conformity assessment (Amendment 2)

TSPS	SK ID Solutions AS Trust Services Practice Statement Version 11.0 as of 2023-01-15
TSA_PS	Time-Stamping Authority Practice Statement Version 6.0 as of 2021-12-15
TAC_TSA	Terms and Conditions for Use of Time- Stamping Service valid as of 2020-05-01
TAC_SA	General Terms of Subscriber Agreement Version 4.0 as of 2018-10-01
CPR_CA	Certificate, OCSP and CRL Profile for intermediate CA Version 3.3 as of 2022-02-17

1.3 Operator Documents assessed during the amendment conformity assessment (Amendment 1)

TSPS	SK ID Solutions AS Trust Services Practice Statement Version 11.0 as of 2023-01-15
TSA_PS	Time-Stamping Authority Practice Statement Version 6.0 as of 2021-12-15
TAC_TSA	Terms and Conditions for Use of Time- Stamping Service valid as of 2020-05-01
TAC_SA	General Terms of Subscriber Agreement Version 4.0 as of 2018-10-01
CPR_CA	Certificate, OCSP and CRL Profile for intermediate CA Version 3.3 as of 2022-02-17

1.4 Operator Documents assessed during the initial conformity assessment

TSPS	SK ID Solutions AS Trust Services Practice Statement Version 10.0 as of 2021-12-15
TSA_PS	Time-Stamping Authority Practice Statement Version 6.0 as of 2021-12-15
TAC_TSA	Terms and Conditions for Use of Time- Stamping Service valid as of 2020-05-01
TAC_SA	General Terms of Subscriber Agreement Version 4.0 as of 2018-10-01
CPR_CA	Certificate, OCSP and CRL Profile for intermediate CA Version 3.3 as of 2022-02-17

1.3 Issuing CA covered, representing the service:

Identification of the Sub-CA	Issuer Distinguished Name	Subject Distinguished Name	SHA-1 fingerprint	SHA-256 fingerprint	Certificate serial number	Signature algorithm	Key length	Certificate Policies	KeyUsage	EKU	Validity
SK TIMESTAMPING AUTHORITY 2019	CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	CN = SK TIMESTAMPING AUTHORITY 2019, O = SK ID Solutions AS, C = EE	BFDBF7C40B 24CC41DCF9 2E097D201A6 516DEBD3F	25D45A834C1 EA0E669A8A5 882D741C961 89FEFC08F8C AE9ACCABF7 7758330754	7ED7464EE8D 30F4D5C1B5D 048EB0126C	sha256WithRS AEncryption	2048		Digital Signature, Non Repudiation	Time Stamping	01 Jan 2019 21:00:00 GMT to 01 Jan 2024 21:00:00 GMT
SK TIMESTAMPING AUTHORITY 2020	CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	CN = SK TIMESTAMPING AUTHORITY 2020, O = SK ID Solutions AS, C = EE	1CB3099900B 3F32FCCD3E BFFA7B5D6E 41D01C5D5	FD04122AD63 0AA00998785 50D838EBFAE C5D0F33DA03 5D0D0976FA9 670B172D9	62367D745AD 943AB5DA450 B95E3FFA6E	sha256WithRS AEncryption	2048		Digital Signature, Non Repudiation	Time Stamping	31 Dec 2019 22:00:00 GMT to 31 Dec 2024 22:00:00 GMT
SK TIMESTAMPING AUTHORITY 2021	CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	CN = SK TIMESTAMPING AUTHORITY 2021, O = SK ID Solutions AS, OU = TSA, OI = NTREE- 10747013, C = EE	393A18BF637 48D491DF379 828AA83E033 EC54558	572B6C07B0C D4848661F09 978498A7AA9 6AC43AA88D0 C82B7760D40 46A702B66	0AB213420C1 D33885F7594 6D4A0570B3	sha256WithRS AEncryption	2048		Digital Signature, Non Repudiation	Time Stamping	31 Dec 2020 22:00:01 GMT to 31 Dec 2025 22:00:01 GMT
SK TIMESTAMPING AUTHORITY 2022	CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	CN = SK TIMESTAMPING AUTHORITY 2022, O = SK ID Solutions AS, OU = TSA, OI = NTREE- 10747013, C = EE	26D9BE03168 5027AC00DD C5D5D6C4A4 5C10F4D9C	27B3CDA7A21 ED109CE56A0 A0D99512CE D563645BD8C 0515171957B6 C90B0C21A	07070C963F1 E72E261791E 897CE31166	sha256WithRS AEncryption	2048		Digital Signature, Non Repudiation	Time Stamping	31 Dec 2021 22:00:01 GMT to 31 Dec 2027 22:00:01 GMT

Amendment A1: new TSA issued											
SK TIMESTAMPING AUTHORITY 2023	CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	CN = SK TIMESTAMPING AUTHORITY 2023, O = SK ID Solutions AS, OU = TSA, OI = NTREE- 10747013, C = EE	9897481B16C 4BBD7C08DD 50817A1ECE6 FFC1D3E8	AF1FE66562A 3A7CEB99A41 E5B09B6DC46 749036F641B 2DED17FE447 5F22BE6C0	328F6467DF2 A67576374A1 78E6655101	sha256WithRS AEncryption	2048		Digital Signature, Non- Repudiation	Time Stamping	31 Dec 2022 22:00:01 GMT to 31 Dec 2028 22:00:01 GMT
Amendment A3: new TSA issued											
SK TIMESTAMPING UNIT 2024E	CN = SK TSA CA 2023E, O = SK ID Solutions AS, C = EE, OI =NTREE- 10747013	CN = SK TIMESTAMPING UNIT 2024E, O = SK ID Solutions AS, C = EE, OI = NTREE- 10747013	651EC131DC1 A3F653615FB 7739D9480DF F9CC1C6	84E0293AC6D E1C3CD1B42 0A3C8453D27 9D2927503C3 26459583517 D35D9AA645	7F09560D35C E0605C4AA20 01A1AEA771	ecdsa-with- SHA256	256	Policy 0.4.0.2042.1.2	Digital Signature, Non- Repudiation	Time Stamping	01 Oct 2023 11:31:58 GMT to 01 Apr 2030 11:31:57 GMT
SK TIMESTAMPING UNIT 2024R	CN = SK TSA CA 2023R, O = SK ID Solutions AS, C = EE, OI =NTREE- 10747013	CN = SK TIMESTAMPING UNIT 2024R, O = SK ID Solutions AS, C = EE, OI = NTREE- 10747013	4FC5A8EF7B3 039C1257EE2 3C0BEAB6FE 19CBDA2D	63B37B6560C 9AAF723755C CEA7C4EA94 32DDB7A506F 34DC6144345 3BB292D84A	363E28FBEC8 4DD162F69CF E2B49B350F	sha384WithRS AEncryption	4096	Policy 0.4.0.2042.1.2	Digital Signature, Non- Repudiation	Time Stamping	01 Oct 2023 11:33:02 GMT to 01 Apr 2030 11:33:01 GMT

1.4 Intermediate CA

Amendment A3: New intermediate CA issued.

Identification of the Sub-CA	Issuer Distinguished Name	Subject Distinguished Name	SHA-1 fingerprint	SHA-256 fingerprint	Certificate Serial number	Signature algorithm	Key length	Certificate Policies	KeyUsage	EKU	Validity
SK TSA CA 2023E	CN = SK ID Solutions ROOT G1E, O = SK ID Solutions AS, C = EE, OI = NTREE-10747013	CN = SK TSA CA 2023E, O = SK ID Solutions AS, C = EE, OI = NTREE-10747013	2D55D135184549E10177095BE07A693D85BAC1E7	F3A6FC612A6912E3ED971F527AEC31EACCDEEB0483604772486D63B602E47DB6	5288C85D5D54D392AAFD0916D6774EF25CDCC031	ecdsa-with-SHA384	384	Policy: X509v3 Certificate Policies	Certificate Sign, CRL Sign		04 Jul 2023 08:52:03 GMT to 30 Jun 2038 08:52:02 GMT
SK TSA CA 2023R	CN = SK ID Solutions ROOT G1R, O = SK ID Solutions AS, C = EE, OI = NTREE-10747013	CN = SK TSA CA 2023R, O = SK ID Solutions AS, C = EE, OI = NTREE-10747013	842EFFF80DBF41747293916431D46C7D308E45F	CCE90C83B505F4BB21CE618CA77E607B8593018B5AA3EE34D7007EB1F2BF11AC	50C1116F9C9F36513E149CE954F7383868BC07B9	sha384WithRSAEncryption	4096	Policy: X509v3 Certificate Policies	Certificate Sign, CRL Sign		04 Jul 2023 08:53:02 GMT to 30 Jun 2038 08:53:01 GMT

1.5 Root CA

Identification of the Sub-CA	Issuer Distinguished Name	Subject Distinguished Name	SHA-1 fingerprint	SHA-256 fingerprint	Certificate serial number	Signature algorithm	Key length	Certificate Policies	KeyUsage	EKU	Validity
EE Certification Centre Root CA	CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	C9A8B9E755805E58E35377A725EBAFC37B27CCD7	3E84BA4342908516E77573C0992F0979CA084E4685681FF195CCBA8A229B8A76	5480F9A073ED3F004CCA89D8E371E64A	sha1WithRSA Encryption	2048		Certificate Sign, CRL Sign	TLS Web Client Authentication, TLS Web Server Authentication, Code Signing, E-mail Protection, Time Stamping, OCSP Signing	30 Oct 2010 10:10:30 GMT to 17 Dec 2030 23:59:59 GMT

2. Certification Scheme

TÜV AUSTRIA GMBH has been accredited as Conformity Assessment Body according to eIDAS Regulation¹, Article 3(18) competent to carry out conformity assessments of qualified trust service provider and the qualified trust services they provide. The accreditation is issued by "Akkreditierung Austria" with registration No. 0943 according to EN ISO/IEC 17065 for products, processes and services taking into consideration ETSI EN 319 403-1 V2.3.1:2020 (successor of ETSI EN 319 403 V2.2.2:2015), covering the Conformity Assessment Requirements as listed under 3. below.

The initial conformity assessment for this certification has been performed by TÜV TRUST IT which is a registered audit body at TÜV AUSTRIA GMBH, following the Conformity Assessment Scheme of TÜV AUSTRIA GMBH, Rev 04 as of 2020-09-08.

The surveillance and amendment conformity assessments (A2 and A1 respectively) for this certification has been performed by TÜV TRUST IT which is a registered audit body at TÜV AUSTRIA GMBH, following the Conformity Assessment Scheme of TÜV AUSTRIA GMBH, Rev 05 as of 2021-11-11.

3. Conformity Assessment Requirements

As defined in the eIDAS Regulation¹ the following requirements were identified as relevant for the trust service stated on the front page of this certificate and assessed during the conformity assessment.

Requirements as stated in REGULATION (EU) No 910/2014 (eIDAS) valid for trust services:

- Data processing and protection:
Art. 5 (1),
- General provisions:
Art. 13 (2) and (3), Art. 15,
- Supervision:
Art. 19 (1) and (2),

Qualified trust services:

- General:
Art. 20 (1), Art. 23 (1) and (2),
- Requirements for qualified trust service provider:
Art. 24 (2a - j),

Service specific requirements:

- Qualified electronic time stamps:
Art. 42 (1).

Furthermore, the requirements of para. 4 and para. 5 (1) - (4), (8) and (9) of the Estonian eIDAS implementation law "Electronic Identification and Trust Services for Electronic Transactions Act" (as of 2016-10-12, updated and in force from 2021-10-25) have been considered.

4. Conformity Assessment Result Summary

The following results were gained throughout the Conformity Assessment of the services listed in section 1. above:

- The services covered fulfil the applicable conformity assessment requirements.
- The certification requirements defined in the certification scheme are fulfilled.

END OF CERTIFICATE

¹ REGULATION (EU) No 910/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC (eIDAS).
TA235223862_A3_Certificate_appendix.docx, Version 1.7, 01.22