



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
TA235224390_CAR_A1.

The certificate comprises an appendix of 7 pages.

Certificate-Reg.-Nr. TA235224390

begin of certificate validity: 2024-03-26

end of certificate validity: 2026-03-26

Certification body
of TÜV AUSTRIA GMBH

Vienna, 2025-01-27

This certification was carried out in accordance with TÜV AUSTRIA GMBH
procedures for auditing and certification and is regularly monitored.
TÜV AUSTRIA GMBH TÜV AUSTRIA-Platz 1 2345 Brunn am Gebirge, Austria
www.tuv.at



Amendment to the certificate appendix

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

Amendment reason:	<input checked="" type="checkbox"/> Surveillance Conformity Assessment <input 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 2025-01-27 for the service “SK Time-Stamping Authority for qualified electronic time stamps” documented with initial assessment report No. TA235224390_CAR, version 2.1 as of 2024-01-22 and amendment assessment report No. TA235224390_CAR_A1, version 2.2 as of 2025-01-27 were the following documents of the operator and the PKI structure as listed in the following:

1.1. Operator Documents

1.1.1 Operator documents assessed during the surveillance conformity assessment (Amendment 1)

TSPS	SK ID Solutions AS Trust Services Practice Statement Version 13.0 as of 2025-01-13
TSA_PS	Time-Stamping Authority Practice Statement Version 8.0 as of 2025-03-03
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 and timestamping service issued by SK Version 3.4 as of 2023-11-08

1.1.2 Operator documents assessed during the re-certification conformity assessment

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 7.0 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 and timestamping service issued by SK Version 3.4 as of 2023-11-08

1.2 Root CA

The trust service of the TSP is identified for the service mentioned above as follows:

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	E = pki@sk.ee, CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	E = pki@sk.ee, CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	C9A8B9E755805E58E35377A725EB AFC37B27CCD7	3E84BA4342908516E77573C0992F0979CA084E4685681FF195CCBA8A229B8A76	5480F9A073ED3F004CCA89D8E371E64A	sha1WithRSAEncryption	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
SK ID Solutions ROOT G1R	CN = SK ID Solutions ROOT G1R, O = SK ID Solutions AS, C = EE, OI = NTREE-10747013	CN = SK ID Solutions ROOT G1R, O = SK ID Solutions AS, C = EE, OI = NTREE-10747013	2D1A83D45597EAC6E21CAB A2CBCD0B569C9009D4	D012DA1A62193928C5B4D89D2A72495B1F77EA5D54F23956BC1DF2F75528FEFB	7465CC9B184F0EED615AEA B5E6CF4B29	sha384WithRSAEncryption	4096		Certificate Sign, CRL Sign		04 Oct 2021 11:51:17 GMT to 04 Oct 2041 11:51:17 GMT
SK ID Solutions ROOT G1E	CN = SK ID Solutions ROOT G1E, O = SK ID Solutions AS, C = EE, OI = NTREE-10747013	CN = SK ID Solutions ROOT G1E, O = SK ID Solutions AS, C = EE, OI = NTREE-10747013	4AAB419882189B965B782DF B6A52411048E A9E9A	A272DE102A8038F7E100EA CFB6DB1C930D3CB9F51D76 B218DE3A4A433BCFD182	4A668BD6E6E20B71615AE942221277FB	ecdsa-with-SHA512	521		Certificate Sign, CRL Sign		04 Oct 2021 11:45:06 GMT to 04 Oct 2041 11:45:06 GMT

1.3 Intermediate CA

The trust service of the TSP is identified for the service mentioned above as follows:

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	2D55D1351845 49E10177095B E07A693D85B AC1E7	F3A6FC612A6 912E3ED971F 527AEC31EAC CDEEB048360 4772486D63B6 02E47DB6	5288C85D5D5 4D392AAFD09 16D6774EF25 CDCC031	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	842EFFFB80D BF4174729391 6431D46C7D3 08E45F	CCE90C83B50 5F4BB21CE61 8CA77E607B8 593018B5AA3 EE34D7007EB 1F2BF11AC	50C1116F9C9 F36513E149C E954F7383868 BC07B9	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

1.4 Issuing CAs

The trust service of the TSP is identified for the service mentioned above as follows:

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 2020	E = pki@sk.ee, 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 3F32FCCD3EB FFA7B5D6E41 D01C5D5	FD04122AD63 0AA009987855 0D838EBFAEC 5D0F33DA035 D0D0976FA96 70B172D9	62367D745AD 943AB5DA450 B95E3FFA6E	sha256WithRSAEncryption	2048		Digital Signature, Non Repudiation	Time Stamping	31 Dec 2019 22:00:00 GMT to 31 Dec 2024 22:00:00 GMT

SK TIMESTAMPIN G AUTHORITY 2021	E = pki@sk.ee, CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	CN = SK TIMESTAMPIN G AUTHORITY 2021, O = SK ID Solutions AS, OU = TSA, OI = NTREE- 10747013, C = EE	393A18BF6374 8D491DF3798 28AA83E033E C54558	572B6C07B0C D4848661F099 78498A7AA96 AC43AA88D0C 82B7760D4046 A702B66	0AB213420C1 D33885F75946 D4A0570B3	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 TIMESTAMPIN G AUTHORITY 2022	E = pki@sk.ee, CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	CN = SK TIMESTAMPIN G AUTHORITY 2022, O = SK ID Solutions AS, OU = TSA, OI = NTREE- 10747013, C = EE	26D9BE03168 5027AC00DDC 5D5D6C4A45C 10F4D9C	27B3CDA7A21 ED109CE56A0 A0D99512CED 563645BD8C0 515171957B6C 90B0C21A	07070C963F1E 72E261791E89 7CE31166	sha256WithRS AEncryption	2048		Digital Signature, Non Repudiation	Time Stamping	31 Dec 2021 22:00:01 GMT to 31 Dec 2027 22:00:01 GMT
SK TIMESTAMPIN G AUTHORITY 2023	E = pki@sk.ee, CN = EE Certification Centre Root CA, O = AS Sertifitseerimis keskus, C = EE	CN = SK TIMESTAMPIN G AUTHORITY 2023, O = SK ID Solutions AS, OU = TSA, OI = NTREE- 10747013, C = EE	9897481B16C4 BBD7C08DD50 817A1ECE6FF C1D3E8	AF1FE66562A 3A7CEB99A41 E5B09B6DC46 749036F641B2 DED17FE4475 F22BE6C0	328F6467DF2 A67576374A17 8E6655101	sha256WithRS AEncryption	2048		Digital Signature, Non- Repudiation	Time Stamping	31 Dec 2022 22:00:01 GMT to 31 Dec 2028 22:00:01 GMT
SK TIMESTAMPIN G UNIT 2024E	CN = SK TSA CA 2023E, O = SK ID Solutions AS, C = EE, OI =NTREE- 10747013	CN = SK TIMESTAMPIN G UNIT 2024E, O = SK ID Solutions AS, C = EE, OI = NTREE- 10747013	651EC131DC1 A3F653615FB7 739D9480DFF 9CC1C6	84E0293AC6D E1C3CD1B420 A3C8453D279 D2927503C326 459583517D35 D9AA645	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 TIMESTAMPIN G UNIT 2024R	CN = SK TSA CA 2023R, O = SK ID Solutions AS, C = EE, OI =NTREE- 10747013	CN = SK TIMESTAMPIN G UNIT 2024R, O = SK ID Solutions AS, C = EE, OI =	4FC5A8EF7B3 039C1257EE2 3C0BEAB6FE1 9CBDA2D	63B37B6560C 9AAF723755C CEA7C4EA943 2DDB7A506F3 4DC61443453 BB292D84A	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

		NTREE-10747013									
SK TIMESTAMPIN G UNIT 2025E	CN = SK TSA CA 2023E, O = SK ID Solutions AS, C = EE, OI =NTREE- 10747013	CN = SK TIMESTAMPIN G UNIT 2025E, O = SK ID Solutions AS, C = EE, OI = NTREE- 10747013	65955883760A F9B7A9A18D0 146CDD6E0D D22A951	A58C1C6E683 90113ABCA60 69B6BCF2965 620FF40D7714 17F9D9098842 6750909	00CDA4AE566 7D1FF28A974 A644C7F23E	ecdsa-with- SHA256	256	Policy: 0.4.0.2042.1.2	Digital Signature, Non Repudiation	Time Stamping	28 Feb 2025 22:00:00 GMT to 29 Mar 2031 21:59:59 GMT
SK TIMESTAMPIN G UNIT 2025R	CN = SK TSA CA 2023R, O = SK ID Solutions AS, C = EE, OI =NTREE- 10747013	CN = SK TIMESTAMPIN G UNIT 2025R, O = SK ID Solutions AS, C = EE, OI = NTREE- 10747013	EE23A7DAC44 831874D7AEC 245170E6A54F ED1651	BBCE7037AB2 DA3EA1D7A2 D954AE1CAD EA127DB1140 0627ED671B8 9FC30E4BB42	3C9E0D3B0B9 0B3BF27FA75 91C5010A1E	sha384WithRS AEncryption	4096	Policy: 0.4.0.2042.1.2	Digital Signature, Non Repudiation	Time Stamping	28 Feb 2025 22:00:00 GMT to 29 Mar 2031 21:59:59 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 06 as of 2023-06-14.

The surveillance conformity assessment A1 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 07 as of 2024-01-29.

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), Art. 19 (2),

Qualified trust services:

- General:
Art. 20, Art. 23 (1), Art. 23 (2),
- Requirements for qualified trust service provider:
Art. 24 (2)a-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 2025-01-01) 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)