Roksnet Timestamp Policy

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Publisher: Roksnet Solutions OÜ

This policy governs timestamp tokens produced by Roksnet for X-Road data exchange. It is not a qualified timestamp policy under Regulation (EU) No 910/2014. It is aligned with the applicable parts of ETSI EN 319 422, without a claim of conformance.

1. Scope

Timestamp tokens are used only to timestamp messages and packages exchanged on the X-Road platform. They are not offered for general public use. The timestamping authority is Roksnet Solutions OÜ. Tokens are signed by Timestamp Units certified by the Roksnet Trust Service TSA CA 2026.

2. Timestamp Unit certificates

TSU certificates are end-entity certificates issued by the TSA CA. Key usage is digitalSignature, critical. Extended key usage is id-kp-timeStamping (1.3.6.1.5.5.7.3.8), critical. The certificate policy identifier in TSU certificates is 1.3.6.1.4.1.47435.1.2.3. Status is available by OCSP at http://ocsp.roksnet.com/TSA. Several TSUs may be used over time.

3. Token content

Tokens conform to RFC 3161. The signature algorithm is sha384WithRSAEncryption or an equivalent approved algorithm stated in the TSU profile. The token includes the hash of the timestamped data, the time, the TSU certificate identifier and the identifier of this policy (1.3.6.1.4.1.47435.1.2.3). Accuracy is 1 second. The time source is NTP. If the TSU clock cannot be kept within this accuracy, the TSU stops issuing tokens until it is restored.

4. Keys

TSU private keys are held in AWS KMS. A TSU key is used only to sign timestamp tokens.

5. Availability

The timestamping service is available continuously. A single interruption lasts no more than 4 hours.

6. Reliance and records

A relying party may rely on a token as evidence that the timestamped data existed at the time stated in it, after validating the TSU certificate path to the configured trust anchor and the OCSP status. A token does not prove the meaning of the data or who created them. Timestamping logs are retained for at least 10 years from production of the token.

7. Identifier

The identifier of this policy is 1.3.6.1.4.1.47435.1.2.3. It does not require reissue of the TSA CA certificate.