

Advanced Technology and Cyber Security Company (sirar by stc) MANAGEMENT'S ASSERTION

Advanced Technology and Cyber Security Company (sirar by stc) has deployed a new public key infrastructure under the Saudi National Root CA.

As part of this deployment, it was necessary to create a hierarchy consistent of Subordinate CA known as sirar by stc Timestamping CA (hereinafter "TS CA"). The TS CA will serve as online Subordinate CA for Timestamping Services. In order to allow the CA's to be installed in a final production configuration, a TS CA Key Generation Ceremony was conducted, the purpose of which was to formally witness and document the creation of the CA's private signing key. This helps assure the non-refutability of the integrity of the sirar by stc Timestamping CAs' key pairs, and in particular, the private signing keys.

sirar by stc management has securely generated key pairs, each consisting of a public and private key, in support of its CA operations. The key pairs were generated in accordance with procedures described in sirar by stc Certification Authorities CP, CPS, and its TS CA Key Generation Ceremony Logs, which are in accordance with CA Key Generation Criterion 4.1 of the [WebTrust Principles and Criteria for Certification Authorities v2.2.2](#)

sirar by stc management established and maintained effective controls over the generation of these keys. These controls were designed to provide reasonable assurance of adherence to the above-mentioned practices throughout the TS CA key generation process.

sirar by stc management is responsible for establishing and maintaining procedures over its TS CA key generations, and over the integrity and confidentiality of all private keys and access keys (including physical keys, tokens, and passwords) used in the establishment of the sirar by stc TS CA, and for the CA environment controls relevant to the generation and protection of its issuing CA keys.

sirar by stc management has assessed the procedures and controls for the generation of the issuing CA keys. Based on that assessment, in management's opinion, in generation and protecting its issuing CA keys for the sirar by stc TS CA on 2026-05-12 at Riyadh, the Kingdom of Saudi Arabia, with the following identifying information:

CA Name	Subject Key Identifier	Certificate Serial Number	Not Before	Not After
sirar by stc Timestamping CA ¹	968399A664E94D CDD0792F45F91A 36D413B23CC3	D0D16FA991F68 B9B000000005E 135D81	2026-02-12 14:10:33 UTC	2029-11-12 14:40:33 UTC
sirar by stc Timestamping CA	0890BC7CCF8DAB C5EFEF0ECC9CB2 44B6E80027AA	5ECC0BA5D7F57 82F000000005E 135DEB	2026-05-12 09:34:25 UTC	2029-11-12 10:04:25 UTC

sirar by stc has:

- followed the issuing CA key generation and protection requirements in its [sirar by stc Intermediary CA Certification Practice Statement, version 3.3 as of 2026-02-08](#).
- included appropriate, detailed procedures and controls in its TS CA Key Generation Scripts:
 - sirar by stc TS CA key Ceremony , Ceremony Log, version 1.0 as of 2026-05-12,
 - sirar by stc Key Generation Ceremony Exceptions & Deviations Report, version 1.0 as of February 2026,
- maintained effective controls to provide reasonable assurance that the sirar by stc TSA CA was generated and protected in conformity with the procedures described in its CP/CPS and its Key Generation Ceremony Logs,

¹ This TSA CA certificate was revoked on 2026-05-12 during the repeated key generation ceremony.

- performed, during the root key generation process, all procedures required by the Key Generation Ceremony Logs,
- generated the TS CA keys in a physically secured environment as described in its CP/CPS,
- generated the sirar by stc TS CA keys using personnel in trusted roles under multiple person control and split knowledge,
- generated the sirar by stc TS CA keys within cryptographic modules meeting the applicable technical and business requirements as disclosed in its CP/CPS

in accordance with CA Key Generation Criterion 4.1 of the [WebTrust Principles and Criteria for Certification Authorities v2.2.2.](#)

Advanced Technology and Cyber Security Company (sirar by stc)

Riyadh, the Kingdom of Saudi Arabia

2026-05-16