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CERTIFICATE RENEWAL REPORT

Dossier # **2025-9**

Original Dossier # **2021-36**

TOE **THD89 1.0.3 Secure Element version 1.0**

Applicant **911100007334588792 - Tongxin Microelectronics Co., Ltd.**

References

[EXT-9460] Renewal Request

[EXT-9863] Evaluation Technical Report (renewal process)

[EXT-8628] Evaluation Technical Report

[INF-4157] Certification Report

[ST] THD89 1.0.3 Secure Element version 1.0 Security Target, version 2.0 (May 2025).

This document constitutes the Certificate Renewal Report for the certification dossier of the product THD89 1.0.3 Secure Element version 1.0.

The Certificate Renewal process has been carried out according to certification procedure PO-005 and it consists in updating the analysis of the certified or maintained product's resistance against updated *state of the art* attack methods and vulnerabilities.

This analysis includes the reassessment of AVA assurance activities by the evaluation lab "Applus Laboratories" that carried out the original evaluation of the dossier 2021-36.

The reassessed activities are mainly:

- the vulnerability analysis (at the same level as those requested within the security target [ST]) based on the updated list of potential vulnerabilities applicable to the TOE in its operational environment considering [JILAAPS] [CCN-AMCA] and [CCN-AMSCP].
- penetration testing according to JIL supporting documents based on the previous analysis.

- analysis of cryptographic mechanisms (only if the product was subject to this analysis during its evaluation) integrated to the vulnerability analysis.

The baseline for this renewal process have been the certification report [INF-4157], the Security Target [ST], the Evaluation Technical Report [EXT-8628] from the original certified TOE referenced by the dossier number 2021-36 and the Evaluation Technical Report [EXT-9863] produced by “Applus Laboratories” describing the evaluation activities carried out in the current dossier 2025-09.

During the renewal process, the Security Target was updated and therefore the applicable Security Target for the certificate is the last version referenced as:

- [ST] THD89 1.0.3 Secure Element version 1.0 Security Target, version 2.0 (May 2025).

EVALUATION RESULTS

The TOE has been reassessed against the Security Target THD89 1.0.3 Secure Element version 1.0 Security Target for the AVA_VAN.5 assurance component required by the evaluation level EAL5 + AVA_VAN.5 + ALC_DVS.2.

The “Applus Laboratories” has assigned a “PASS” verdict as defined by the Common Criteria version 3.1 Revision 5 and the Common Evaluation Methodology version 3.1 Revision 5 for the AVA_VAN.5 assurance component and therefore proceeds with a positive resolution of the Certificate Renewal Process as defined in PO-005 Product Certification Procedure.

The resistance to attacks has been re-assessed in the course of this maintenance process, therefore the date to be considered as an archived certificate in the certificate product list of the certification body will be established to the date of the renewal end date in section INFORMATION FOR THE CERTIFICATE RENEWAL.

This report is considered as an addendum to the Certification Report [INF-4157].

INFORMATION FOR THE CERTIFICATE RENEWAL

Renewal end date: 12/08/2025 (end of reassessment of AVA)

TOE identification: THD89 1.0.3 Secure Element version 1.0

Security Target: THD89 1.0.3 Secure Element version 1.0 Security Target, version 2.0 (May 2025).

Evaluation Level: EAL5 + ALC_DVS.2 + AVA_VAN.5.

Protection Profile: Security IC Platform Protection Profile, BSI-CCPP-0084-2014 version 1.0 (Jan 2014).

Sponsor/Developer: Tongxin Microelectronics Co., Ltd.

Certification Body: Centro Criptológico Nacional (CCN).

ITSEF: Applus Laboratories