Assurance Continuity Maintenance Report

NXP JCOP 8.9 on SN300 Secure Element JCOP-eSE 8.9 R1.06.01.1.1

Sponsor and developer: ***NXP Semiconductors Germany GmbH***
Beiersdorfstrasse 12,
22529 Hamburg
Germany

Evaluation facility: ***TÜV Informationstechnik GmbH***
Am TÜV 1
45307 Essen
Germany

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Author(s): **Haico Haak**

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1 Summary

The IT product identified in this report was assessed according to the Assurance Continuity: CCRA Requirements *[AC],* the developer's Impact Analysis Report *[IAR]* and evaluator's assessment *[EA]*. The baseline for this assessment was the Certification Report *[CR]*, the Security Target and the Evaluation Technical Report of the product certified under NSCIB, reference NSCIB-CC- 2300099-01.

The changes to the certified product are related to a minor change in the software not impacting the security functionality of the certified product. The identification of the maintained product is modified to NXP JCOP 8.9 on SN300 Secure Element JCOP-eSE 8.9 R1.06.01.1.1.

Consideration of the nature of the changes leads to the conclusion that they can be classified as minor changes and that certificate maintenance is the correct path to continuity of assurance.

The resistance to attacks has not been re-assessed in the course of this maintenance process. Therefore, the assurance as outlined in the Certification Report *[CR]* is maintained for the new version of the product.

This report is an addendum to the Certification Report NSCIB-CC-2300099-01-CR *[CR]* and reproduction is authorised provided the report is reproduced in its entirety.

2 Assessment

2.1 Introduction

The IT product identified in this report was assessed according to the Assurance Continuity: CCRA Requirements [AC], the developer's Impact Analysis Report [IAR] and evaluator's assessment [EA]. The baseline for this assessment was the Certification Report [CR], the Security Target and the Evaluation Technical Report of the product certified by the NSCIB under NSCIB-CC-2300099-01.

On 05-02-2024 NXP Semiconductors Germany GmbH submitted a request for assurance maintenance for the NXP JCOP 8.9 on SN300 Secure Element JCOP-eSE 8.9 R1.06.01.1.1.

NSCIB has assessed the *[IAR]* according to the requirements outlined in the document Assurance Continuity: CCRA Requirements *[AC]*.

In accordance with those requirements, the IAR describes (i) the changes made to the certified TOE, (ii) the evidence updated as a result of the changes and (iii) the security impact of the changes.

This is supported by the evaluator's assessment *[EA]*.

2.2 Description of Changes

The TOE is a composite platform containing the Java Card OS embedded on the SN300 Secure Element with IC Dedicated Software. The usage of the TOE is focused on security critical applications in small form factors. One main usage scenario is the use in mobile phones, which can use the TOE to enable mobile payment or mobile ticketing with the phone based on the security of the TOE. The original evaluation of the TOE was conducted as a composite evaluation and used the results of the CC evaluation of the underlying hardware certified as described in *[HW CERT]*.

The changes to the certified product as described in the *[IAR]* are a minor change in the software not impacting the security functionality of the certified product This update to the software was confirmed to be classified by the original evaluator *[EA]* as minor changes with no impact on security.

Configuration Management procedures required a change in the product identifier. Therefore, the name was modified to NXP JCOP 8.9 on SN300 Secure Element JCOP-eSE 8.9 R1.06.01.1.1 to include the updated software component. An update of the guidance documentation was made to update the TOE identification and reference to updated guidance documents.

The configuration list for the TOE has been updated as a result of the changes to include the updated Security Target *[ST]* and guidance documents.

3 Conclusion

Consideration of the nature of the changes leads to the conclusion that they can be classified as minor changes and that certificate maintenance is the correct path to continuity of assurance.

The resistance to attacks has not been re-assessed in the course of this maintenance process. Therefore, the assurance as outlined in the Certification Report *[CR]* is maintained for this version of the product.

4 Bibliography

This section lists all referenced documentation used as source material in the compilation of this report:

[AC]	Assurance Continuity: CCRA Requirements, Version 2.2, 30 September 2021
[AGD_ANOMALY]	JCOP 8.9 R1 Anomaly Sheet Rev. 1.6.0, 2024-01-29
[AGD_SYSTEM]	JCOP 8.9 R1 User Guidance Manual Addendum System Management Rev. 1.6.0, 2024-01-29
[UM]	JCOP 8.9 R1 User Guidance Manual Rev. 1.6.0, 2024-01-29
[AGD_eSE]	JCOP-eSE 8.9 R1 (JCOP-eSE 8.9 R1) User Guidance Manual for JCOP eSE Rev. 1.6.0, 2024-01-29
[AGD_eSE_ADD]	JCOP-eSE 8.9 R1 User Guidance Manual Addendum for JCOP eSE Rev. 1.6.0, 2024-01-29
[AGD_CSP_ADD]	JCOP 8.9 R1 CSP User Manual Addendum Rev. 1.6.0, 2024-01-29
[AGD_SEMS]	JCOP 8.9 R1 Amd I SEMS Application User Manual Addendum Rev. 1.6.0, 2024-01-29
[CR]	NXP JCOP 8.9 on SN300 Secure Element JCOP-eSE 8.9 R1.06.00.1.1, NSCIB-CC-2300099-01-CR, version 1, 14-12-2024
[EA]	PARTIAL EVALUATION TECHNICAL REPORT (PARTIAL ETR) NXP JCOP 8.9 on SN300 Secure Element JCOP-eSE 8.9 R1.06.01.1.1, version 2, 2024-04-05
[IAR]	Eos_RoW IAR - JCOP-eSE 8.9 R1-01 v0.2, 10 Jan 2024
[NSCIB]	Netherlands Scheme for Certification in the Area of IT Security, Version 2.6, 02 August 2022
[ST]	NXP JCOP 8.9 on SN300 Secure Element, Security Target, Rev. 1.10, 4 April 2024
[ST-lite]	NXP JCOP 8.9 on SN300 Secure Element, Security Target Lite, Rev. 1.3, 4 April 2024

(This is the end of this report).