TÜV Rheinland Nederland B.V.

Assurance Continuity Maintenance Report

NXP JCOP 5.1 on SN100.C48 Secure Element

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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 IAR Analysis *[IA]*. 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-19-221699.

The changes to the certified product are related to a minor change in naming of the TOE and additional platform manufacturing site, not impacting the security functionality of the certified product. The identification of the maintained product is modified to NXP JCOP 5.1 on SN100.C48 Secure Element.

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-221699-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 IAR Analysis *[IA]*. 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-19-221699.

On 16 December 2019 NXP Semiconductors Germany GmbH submitted a request for assurance maintenance for the NXP JCOP 5.1 on SN100.C48 Secure Element.

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 IAR Analysis *[IA]*.

2.2 Description of Changes

The TOE is a composite TOE, consisting of a Java Card smart card operating system and an underlying platform. 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 only related to the addition of a manufacturing site as a second source of wafer production that has been evaluated in the re-certification of the hardware *[HW-CERT]*. In addition an update of product naming convention required a change to the name of the TOE.

There are no changes in the software component of the TOE. Therefore the name was modified to NXP JCOP 5.1 on SN100.C48 Secure Element. An update of the guidance documentation is not needed.

These updates were classified by developer *[IAR]* and original evaluator *[IA]* as minor changes with no impact on security.

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

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, 2012-06-01, Version 2.1, June 2012.
[CR]	Certification Report NXP JCOP 5.1 eSE SN100.C48 Secure Element, NSCIB-CC-221699-CR2, version 1, 25 November 2019.
[ETR]	Evaluation Technical Report "NXP JCOP 5.1 on SN100.C48 Secure Element" – EAL5+, 19-RPT-247, version 7.0, 20 January 2020.
[ETRfC]	Evaluation Technical Report for Composition "NXP JCOP 5.1 on SN100.C48 Secure Element" – EAL5+. 19-RPT-248, version 6.0, 10 January 2020.
[IA]	Evaluator Analysis Report of changes in JCOP 5.1 on SN100.C48, 19-RPT-1087, version 3.0, 20 January 2020.
[IAR]	Impact Analysis Report, Product Update A NXP JCOP 5.1 on SN100.C48 Secure Element, Rev. 1.1, 06 December 2019 (confidential document).
[HW-CERT]	Certification Report. SN100 Series – Secure Element with Crypto Library SN100 SE B2.1 C25/48/C58, NSCIB-CC-174263-CR3, 31 December 2019.
[HW-ETR]	19-RPT-877 Delta Evaluation Technical Report SN100 Series - Secure Element with Crypto Library B2.1 with GF1 site extension, version 4.0, 04 December 2019.
[HW-ETRfC]	19-RPT-876 ETR for Composition SN100 Series - Secure Element with Crypto Library B2.1 C25, C48 and C58 with GF1 site extension, version 4.0, 04 December 2019.
[HW-ST]	Security Target, SN100 Series – Secure Element with Crypto Library, Rev. 3.4, 11 September 2019.
[NSCIB]	Netherlands Scheme for Certification in the Area of IT Security, Version 2.5, 28 March 2019.
[ST]	NXP JCOP 5.1 on SN100.C48 Secure Element Security Target, Rev. 2.3, 10 December 2019.
[ST-Lite]	NXP JCOP 5.1 on SN100.C48 Secure Element Security Target Lite, Rev. 2.3, 10 December 2019.

(This is the end of this report).