**TÜV Rheinland Nederland B.V.**

TÜVRheinland®
Precisely Right.

# Assurance Continuity Maintenance Report

# JCOP 4.5 P71

| | |
|---|---|
| Sponsor and developer: | **NXP Semiconductors Germany GmbH**<br>**Beiersdorfstrasse 12**<br>**D-22529 Hamburg**<br>**Germany** |
| Evaluation facility: | **SGS Brightsight B.V.**<br>**Brassersplein 2**<br>**2612 CT Delft**<br>**The Netherlands** |
| Report number: | **NSCIB-CC-0313985-1MA2** |
| Report version: | **1** |
| Project number: | **0313985_1m2** |
| Author(s): | **Jordi Mujal** |
| Date: | **13 October 2023** |
| Number of pages: | **5** |
| Number of appendices: | **0** |

*Reproduction of this report is authorized provided the report is reproduced in its entirety.*

**TÜVRheinland®**
Precisely Right.

## CONTENTS:

# 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 by the NSCIB under CC-22-0313985.

The changes to the certified product are related to the update of TOE guidance and the underlying platform without change of the software not impacting the security functionality of the certified product. The identification of the maintained product is JCOP 4.5 P71.

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-0313985-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 CC-22-0313985.

On 13 June 2023 NXP Semiconductors Germany GmbH submitted a request for assurance maintenance for the JCOP 4.5 P71.

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 Java Card with a GP Framework. It is a composite product consisting of a certified Micro Controller and a software stack which is stored on the Micro Controller and which can be executed by the Micro Controller. 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 related to the updated TOE guidance and the updated hardware certification related to the addition of a new production site *[HW-CR]*. These updates were classified by developer *[IAR]* and original evaluator *[EA]* as minor changes with no impact on security.

There are no changes in the software component of the TOE.

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

## 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. An ETR for composition addendum [ETRfc_ADD] was generated only to include this new TOE configuration.

## 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, September 2021 |
| [UG] | [UG]    JCOP 4.5 P71 – User manual for JCOP 4.5 P71, User Guidance and Administrator Manual, Rev. 1.8, 2023-04-03 |
| [CR] | Certification Report JCOP 4.5 P71, NSCIB-CC-0313985-CR, v1, 02 August 2022 |
| [EA] | Evaluator Assessment of Changes Report (EAR) JCOP4.5 P71 on N7122 – Partial ETR, 23-RPT-841, version 5.0, 13 October 2023. |
| [ETRfc_ADD] | Addendum to Evaluation Technical Report for Composition "NXP JCOP 4.5 P71" – EAL6+, 23-RPT-1069, version 1.0, 28 September 2023 |
| [IAR] | Impact Analysis Report for JCOP 4.5 P71 Platform GF1 transfer, Rev. 1.1, 22 September 2023 |
| [HW-CERT] | Certification Report, NXP Secure Smart Card Controller N7122 with IC Dedicated Software and Crypto Library (R1) from NXP Semiconductors Germany GmbH, BSI-DSZ-CC-1149-2022 |
| [HW-CR] | Certification Report, NXP Secure Smart Card Controller N7122 with IC Dedicated Software and Crypto Library (R1/R2/R3) from NXP Semiconductors Germany GmbH, BSI-DSZ-CC-1149-V2-2023 |
| [NSCIB] | Netherlands Scheme for Certification in the Area of IT Security, Version 2.5, 28 March 2019 |
| [ST] | Security Target for JCOP 4.5 P71, Rev. 2.1, 25 September 2023 |
| [ST-Lite] | Security Target Lite for JCOP 4.5 P71, Rev. 2.1, 25 September 2023 |

(This is the end of this report).