Assurance Continuity Maintenance Report

NXP SmartePP Enhanced/Next-gen on P71 version 03 00 00 10

Sponsor and developer: ***NXP Semiconductors Germany GmbH***
Troplowitzstrasse 20
22529 Hamburg
Germany

Evaluation facility: ***Riscure B.V.***
Delftechpark 49
2628 XJ Delft
The Netherlands

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Author(s):	**Denise Cater**
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Headoffice:
Westervoortsedijk 73
NL-6827 AV Arnhem

P.O. Box 2220
NL-6802 CE Arnhem
The Netherlands

Location Leek:
Eiberkamp 10
NL-9351 VT Leek

P.O. Box 37
NL-9350 AA Leek
The Netherlands

info@nl.tuv.com
www.tuv.com/nl

Tel. +31 (0)88 888 7 888
Fax +31 (0)88 888 7 879

TÜV Rheinland Nederland B.V. is a registered company at the Dutch Chamber of Commerce under number 27288788

VAT number: NL815820380B01
IBAN: NL61DEUT0265155096

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-21-0108263.

The changes to the certified product are related to the updated underlying hardware without change of the software and a small change to the guidance. The identification of the maintained product is modified to NXP SmartePP Enhanced/Next-gen on P71 version 03 00 00 10.

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-0108263-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-21-0108263.

On 06 July 2022 NXP Semiconductors Germany GmbH submitted a request for assurance maintenance for the NXP SmartePP Enhanced/Next-gen on P71 version 03 00 00 10.

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 TOE based upon the underlying P71 platform with its Crypto Library and Software Library. . It implements a native operating system and an application compliant with ICAO specifications referenced in the *[ST]*. The TOE, NXP SmartePP Enhanced/Next-gen on P71, supports the Logical Data Structure (LDS) providing Extended Access Control (EAC) and optional features Supplemental Access Control (SAC) and Chip Authentication defined by BSI Technical Guideline TR-03110 documents referenced in the *[ST]*.

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]* related to only a minor update of guidance *[AGD]* and usage of the software component of the TOE in combination with the updated hardware that has been re-certified as reported in *[HW-CERT]*. The update to the hardware in relation to this composition was classified as minor changes with no impact on security. This update to the software was classified by developer *[IAR]* and original evaluator *[EA]* as minor changes with no impact on security.

Although there are no changes in the software component of the TOE, the TOE identifier was modified to NXP SmartePP Enhanced/Next-gen on P71 version 03 00 00 10. This revised TOE name and the reference to the updated guidance *[AGD]* are reflected in updated Security Target *[ST]* and *[STLite]*, which are further reflected in the updated configuration list for the TOE.

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
[AGD]	SmartePP User manual and administrator guide, Rev. 1.5, 21 July 2022
[CR]	Certification Report NXP SmartePP on P71, version 03 00 00 10, NSCIB-CC-0108263-CR, 1.0, 16 April 2021
[EA]	Impact Assessment Report review for NXP smartePP on P71, 20220621-D1, v1.1, 06 October 2022
[IAR]	NXP Smart ePP - BAC & EAC Impact Analysis Report - Platform GF1 Transfer, Rev. 0.2, 18 August 2022
[HW-CERT]	Certification Report - BSI-DSZ-CC-1136-V3-2022 for NXP Secure Smart Card Controller N7121 with IC Dedicated Software and Crypto Library (R1/R2/R3/R4), 7 September 2022
[HW-ST]	NXP Secure Smart Card Controller N7121 with IC Dedicated Software and Crypto Library (R1/R2/R3/R4), Security Target, BSI-DSZ-CC-1136, Rev. 2.6, 13 June 2022
[NSCIB]	Netherlands Scheme for Certification in the Area of IT Security, Version 2.5, 28 March 2019
[ST]	Security Target NXP SmartePP Enhanced/Next-gen on, Rev. 1.11, 20 September 2022
[STLite]	Security Target Lite NXP SmartePP Enhanced/Next-gen on P71, Rev. 1.11, 20 September 2022

(This is the end of this report).