TrustCB B.V.

Assurance Continuity Maintenance Report

IFX_CCI_00003Fh IFX_CCI_000059h IFX_CCI_00005Bh IFX_CCI_00003Ch IFX_CCI_00003Dh IFX_CCI_00005Ah design step G11 and H11 with optional HSL v2.01.6198, optional SCL v2.13.001, optional ACL v3.03.003, optional ACL v3.04.001, optional HCL v1.13.001, optional RCL v1.10.006 and with specific IC-dedicated firmware identifier 80.203.00.3 and Flash Loader v8.06.001

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Report number: **NSCIB-CC-2200060-01-MA1**

Report version: **1**

Project number: **NSCIB-2200060-01-MA1**

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Date: **04 October 2023**

Number of pages: **5**

Number of appendices: **0**

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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-2200060-01.

The changes to the certified product are limited to a limited change on the calibration settings during production flow and few updates of the TOE guidance. The identification of the maintained product is IFX_CCI_00003Fh IFX_CCI_000059h IFX_CCI_00005Bh IFX_CCI_00003Ch IFX_CCI_00003Dh IFX_CCI_00005Ah design step G11 and H11 with optional HSL v2.01.6198, optional SCL v2.13.001, optional ACL v3.03.003, optional ACL v3.04.001, optional HCL v1.13.001, optional RCL v1.10.006 and with specific IC-dedicated firmware identifier 80.203.00.3 and Flash Loader v8.06.001.

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

This report is an addendum to the Certification Report NSCIB-CC-2200060-01-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-23-2300060-01.

On 31 July 2023 Infineon Technologies AG submitted a request for assurance maintenance for the IFX_CCI_00003Fh IFX_CCI_000059h IFX_CCI_00005Bh IFX_CCI_00003Ch IFX_CCI_00003Dh IFX_CCI_00005Ah design step G11 and H11 with optional HSL v2.01.6198, optional SCL v2.13.001, optional ACL v3.03.003, optional ACL v3.04.001, optional HCL v1.13.001, optional RCL v1.10.006 and with specific IC-dedicated firmware identifier 80.203.00.3 and Flash Loader v8.06.001.

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 consists of smart card IC (Security Controller), firmware and user guidance. This TOE is intended to be used in smart cards for security-relevant applications and as developing platform for smart card operating systems.

The changes to the certified product as described in the *[IAR]* are only related to limited changes on the calibration settings during production flow and few updates of the guidance documents *[AGD_ES]* and *[AGD_ES_BIM]*. These updates were classified by developer *[IAR]* and original evaluator *[EA]* 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 guidance and 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, Version 2.2, September 2021

[AGD_ES]   32-bit Security Controller – V20 Errata Sheet, Version 5.1, 04 August 2023

[AGD_ES_BIM]   32-bit Security Controller – V21 Errata Sheet, Version 5.1, 04 August 2023

[CR]   Certification Report IFX_CCI_00003Fh IFX_CCI_000059h IFX_CCI_00005Bh IFX_CCI_00003Ch IFX_CCI_00003Dh IFX_CCI_00005Ah design step G11 and H11 with optional HSL v2.01.6198, optional SCL v2.13.001, optional ACL v3.03.003, optional ACL v3.04.001, optional HCL v1.13.001, optional RCL v1.10.006 and with specific IC-dedicated firmware identifier 80.203.00.3 and Flash Loader v8.06.001, NSCIB-CC-2200060-01-CR, version 1, 24 June 2023.

[EA]   PARTIAL EVALUATION TECHNICAL REPORT SUMMARY (PARTIAL-ETR), 8121842430 / NSCIB-2200060-01-MA1, version 2, 04 October 2023.

[ETRfc_ADD]   EVALUATION TECHNICAL REPORT FOR COMPOSITE EVALUATION ADDENDUM (ETR COMP), 8121842430 / NSCIB-2200060-01-MA1, version 3, 04 October 2023.

[IAR]   Impact Analysis for Common Criteria with Evaluation Assurance Level EAL6 augmented (EAL6+), IFX_CCI_00003Fh/000059h/00005Bh/ 00003Ch/00003Dh/00005Ah (M5180/81) G11 and H11 Including optional Software Libraries, version 1.4, 06 September 2023.

[NSCIB]   Netherlands Scheme for Certification in the Area of IT Security, Version 2.6, 02 August 2022

[ST]   Confidential Security Target Lite IFX_CCI_00003Fh IFX_CCI_000059h IFX_CCI_00005Bh IFX_CCI_00003Ch IFX_CCI_00003Dh IFX_CCI_00005Ah G11 and H11 including optional software libraries: Flash Loader according Package1 and Package2, HCL, RCL, HSL, ACL and SCL, version 1.9, 04 August 2023

[ST_lite]   Public Security Target Lite IFX_CCI_00003Fh IFX_CCI_000059h IFX_CCI_00005Bh IFX_CCI_00003Ch IFX_CCI_00003Dh IFX_CCI_00005Ah G11 and H11 including optional software libraries: Flash Loader according Package1 and Package2, HCL, RCL, HSL, ACL and SCL, version 1.9, 04 August 2023

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