

Assurance Continuity Maintenance Report

SLS37CSAEU 01.03.4091

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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 by the NSCIB under CC-21-0238862.

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 [PP] reference is also updated to a newer version (editorial changes only).

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-0238862-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-21-0238862.

On 24 November 2023 Infineon Technologies AG submitted a request for assurance maintenance for the SLS37CSAEU 01.03.4091.

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 V2X HSM (Vehicle-to-anything Hardware Security Module) which is used for secure cryptographic operations and key management according to the V2X HSM Protection Profile [PP]. 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, the updated hardware certification [HW-MA] and a reference to a new [PP] version (only editorial changes). This update was 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 [AGD_ES] 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] SLS37CSAEU V2X, Errata and update, version 1.3, 13 November 2023
- [CR] Certification Report, SLS37CSAEU 01.03.4091, NSCIB-CC-0238862-CR, version 1, 04 August 2023.
- [EA] PARTIAL EVALUATION TECHNICAL REPORT SUMMARY (PARTIAL-ETR), 8122097921 / NSCIB-CC-0238862-MA1, version 1, 06 December 2023.
- [IAR] Impact Analysis for Common Criteria with Evaluation Assurance Level EAL4 augmented (EAL4+), SLS37CSAEU V2X HSM, version 1.2, 30 November 2023
- [HW-MA] 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, NSCIB-CC-2200060-01-MA1, version 1, 04 October 2023
- [NSCIB] Netherlands Scheme for Certification in the Area of IT Security, Version 2.5, 28 March 2019
- [PP] Protection Profile V2X Hardware Security Module, v1.0.1, Release 1.6.0, 30 November 2021
- [ST] SLS37CSAEU V2X HSM Security Target, rev. 1.3, 13 November 2023

(This is the end of this report).