Assurance Continuity Maintenance Report

BSI-DSZ-CC-1071-V5-2021-MA-02
SE5000-8 version J

from

Stoneridge Electronics AB

SOGIS
Recognition Agreement

The IT product identified in this report was assessed according to the *Assurance Continuity: CCRA Requirements,* version 2.1, June 2012 and the developer's Impact Analysis Report (IAR). The baseline for this assessment was the Certification Report, the Security Target and the Evaluation Technical Report of the product certified by the Federal Office for Information Security (BSI) under BSI-DSZ-CC-1071-V5-2021 updated by BSI-DSZ-CC-1071-V5-2021-MA-01 dated 2 February 2021.

The change to the certified product is at the level of non security relevant configuration modifications on the implementation level. The identification of the maintained product is indicated by a new version number compared to the certified product.

Consideration of the nature of the change leads to the conclusion that it is classified as a <u>minor change</u> and that certificate maintenance is the correct path to continuity of assurance.

The resistance to attacks has <u>not</u> been re-assessed in the course of this maintenance process. Therefore, the assurance statement as outlined in the Certification Report BSI-DSZ-CC-1071-V5-2021 dated 25 January 2021 updated by BSI-DSZ-CC-1071-V5-2021-MA-01 dated 2 February 2021 is of relevance and has to be considered when using the product. Details can be found on the following pages.

This report is an addendum to the Certification Report BSI-DSZ-CC-1071-V5-2021.

Common Criteria
Recognition Arrangement
recognition for components
up to EAL 2 and ALC_FLR
only

Bonn, 21 April 2021

The Federal Office for Information Security

DAkkS
Deutsche
Akkreditierungsstelle
D-ZE-19615-01-00

Assessment

The IT product identified in this report was assessed according to the *Assurance Continuity: CCRA Requirements* [1] and the Impact Analysis Report (IAR) [2]. The baseline for this assessment was the Certification Report of the certified product (Target of Evaluation, TOE) [3], its Security Target and the Evaluation Technical Report as outlined in [3].

The vendor for the SE5000-8 version J, Stoneridge Electronics AB, submitted an IAR [2] to the BSI for approval. The IAR is intended to satisfy the requirements outlined in the document *Assurance Continuity: CCRA Requirements* [1]. 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.

The SE5000-8 version J was changed due to non security relevant configuration modifications on implementation level concerning:

- updated handling of local time offset (not UTC) representing daylight saving and country time zones,
- corrected priorities between two display pop-ups.

Configuration Management procedures required a change in the product identifier. Therefore the version number changed from SE5000-8 version I Security Part Revision RO1 with software id (SWID) PABE to SE5000-8 version J Security Part Revision R01 with software id (SWID) PABF.

The user guidance [6], [7] and [8] was updated accordingly.

Conclusion

The maintained change is at the level of implementation. The change has no effect on product assurance, but the updated guidance documentation has to be followed.

Consideration of the nature of the change leads to the conclusion that it is classified as a minor change 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 statement as outlined in the Certification Report BSI-DSZ-CC-1071-V5-2021 dated 25 January 2021 updated by BSI-DSZ-CC-1071-V5-2021-MA-01 dated 2 February 2021 is of relevance and has to be considered when using the product.

Obligations and notes for the usage of the product:

All aspects of assumptions, threats and policies as outlined in the Security Target not covered by the TOE itself need to be fulfilled by the operational environment of the TOE.

The customer or user of the product shall consider the results of the certification within his system risk management process. In order for the evolution of attack methods and

techniques to be covered, he should define the period of time until a re-assessment for the TOE is required and thus requested from the sponsor of the certificate.

Additional Note: The strength of the cryptographic algorithms was not rated in the course of the product certification and this maintenance procedure (see BSIG[1] Section 9, Para. 4, Clause 2).

For details on results of the evaluation of cryptographic aspects refer to the Certification Report [3] chapter 9.2.

This report is an addendum to the Certification Report [3].

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1   Act on the Federal Office for Information Security (BSI-Gesetz - BSIG) of 14 August 2009, Bundesgesetzblatt I p. 2821

References

[1]   Common Criteria document "Assurance Continuity: CCRA Requirements", version 2.1, June 2012

[2]   Impact Analysis Report SE5000-8, Revision 14, 2021-03-29, Stoneridge Electronics AB (confidential document)

[3]   Certification Report BSI-DSZ-CC-1071-V5-2021 for SE5000-8 version H, Bundesamt für Sicherheit in der Informationstechnik, (2021-01-25)

[4]   Security Target BSI-DSZ-CC-1071-V5-2021, Version 10, 2020-11-25, SE5000-8 Security Target vehicle unit, Stoneridge Electronics AB

[5]   SE5000 Configuration List, Revision 21, 2021-03-25, Stoneridge Electronics AB (Confidential document)

[6]   Driver and Company Manual SE5000-8 Smart Tachograph, Version 9000-103765P_01 06, Stonerdige Electronics AB

[7]   Control Manual SE5000-8 Smart Tachograph, Version 9000-103766P_01 05, Stoneridge Electronics AB

[8]   Workshop Manual SE5000-8 Smart Tachograph, Verison 9000-103767P_01 07, Stoneridge Electronics AB

[9]   Assurance Continuity Maintenance Report BSI-DSZ-CC-1071-V5-2021-MA-01 for SE5000-8, version I, Bundesamt für Sicherheit in der Informationstechnik, (2021-02-02)