Assurance Continuity Maintenance Report

BSI-DSZ-CC-1071-V8-2025-MA-01

SE5000-8.1 Version G

from

Stoneridge Electronics AB

SOGIS
Recognition Agreement

Common Criteria

The IT product identified in this report was assessed according to the procedures on Assurance Continuity [1] 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-V8-2025.

The change to the certified product is at the level of implementation. The identification of the maintained product is indicated by a new version number compared to the certified product.

Considering 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-V8-2025 dated 7 April 2025 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-V8-2025.

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

Bonn, 16 April 2025

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 procedures on Assurance Continuity [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 SE5000-8.1 Version G, Stoneridge Electronics AB, submitted an IAR [2] to the BSI for approval. The IAR is intended to satisfy the requirements according to the procedures on Assurance Continuity [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 SE5000-8.1 Version G was changed due to specific customer issues. Configuration Management procedures required a change in the product identifier. Therefore the version number changed from F to G.

The Security Target was editorially updated.

Conclusion

The maintained change is at the level of implementation. The change has no effect on product assurance.

Considering 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 <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-V8-2025 dated 7 April 2025 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.

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

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

References

[1]   Common Criteria document "Assurance Continuity: CCRA Requirements", version 3.1, 29 February 2024

Common Criteria document "Assurance Continuity: SOG-IS Requirements", version 1.2, March 2024

[2]   Impact Analysis Report, Version 18, Impact Analysis SE5000-8.1, Stoneridge Electronics AB, 1 April 2025 (confidential document)

[3]   Certification Report BSI-DSZ-CC-1071-V8-2025 for SE5000-8.1 Version F from Stoneridge Electronics AB, Bundesamt für Sicherheit in der Informationstechnik, 7 April 2025

[4]   Security Target, Version 15, SE5000-8.1 Security Target Vehicle Unit, Stoneridge Electronics AB, 1 April 2025 (confidential document)

[5]   Configuration List, Version 33, SE 5000 Configuration List, Stoneridge Electronics AB, 4 April 2025 (confidential document)

[6]   Security Target Lite, Version 07, SE5000-8.1 Security Target Lite, Stoneridge Electronics AB, 14 April 2025