Assurance Continuity Maintenance Report

BSI-DSZ-CC-1172-2022-MA-01

CardOS V6.0 ID R1.1 (BAC)

from

Atos Information Technology GmbH

SOGIS
Recognition Agreement

The IT product identified in this report was assessed according to the document *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-1172-2022.

The change to the certified product is at the level of an implemented Service Package. 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 <u>minor change</u> and that certificate maintenance is the correct path to continuity of assurance.

Common Criteria

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-1172-2022 dated 11 March 2022 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-1172-2022.

Common Criteria
Recognition Arrangement
recognition for components
up to EAL 2

Bonn, 24 November 2022

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 document *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 CardOS V6.0 ID R1.1 (BAC), Atos Information Technology GmbH, submitted an IAR [2] to the BSI for approval. The IAR is intended to satisfy the requirements outlined in the document *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 CardOS V6.0 ID R1.1 (BAC) was changed due to the following:

- The developer modified the embedded software of the TOE in the course of a corrective software maintenance. The software update is related to the powerdown behaviour during runtime (anti-tearing).

Configuration Management procedures required a change in the product identifier. Therefore the version number changed from R 1.0 to R 1.1.

The evaluation facility TÜV Informationstechnik GmbH was involved in the maintenance procedure.

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.

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-1172-2022 dated 11 March 2022 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).

The foundation for usage of the certificate updated by this maintenance procedure is:

- Use of the latest version of the TOE guidance documentaion, see ([6]).

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: SOG-IS Requirements", version 1.0, November 2019

[2]   Impact Analysis Report, CardOS V6.0 ID R1.0, CardOS V6.0 ID R1.0 (BAC), BSI-DSZ-CC-1162-2021, BSI-DSZ-CC-1172-2022, Edition 05/2022, version 1.10, 17.05.2022 (confidential document)

[3]   Certification Report BSI-DSZ-CC-1172-2022 for BSI-DSZ-CC-1172-2022 for CardOS V6.0 ID R1.0 (BAC) from Atos Information Technology, Bundesamt für Sicherheit in der Informationstechnik, 11 March 2022

[4]   Security Target 'CardOS V6.0 ID R1.1 (BAC)', Revision 1.40R, 2022-06-07, Atos Information Technology GmbH (sanitised public document)

[5]   Configuration List 'CardOS V6.0 ID R1.1' and 'CardOS V6.0 ID R1.1 (BAC)', Edition 2022-08, version 1.41, Atos Information Technology GmbH (confidential document)

[6]   Guidance documentation for the TOE (confidential documents)
CardOS V6.0 User's Manual, 08/2021, Atos Information Technology GmbH
User Guidance 'CardOS V6.0 ID R1.1' and 'CardOS V6.0 ID R1.1 (BAC)', Revision 1.30R, 2022-06-07, Atos Information Technology GmbH
Administrator Guidance 'CardOS V6.0 ID R1.1' and 'CardOS V6.0 ID R1.1 (BAC)', Revision 1.40R, 2022-06-07, Atos Information Technology GmbH
Application Base Guidance 'CardOS V6.0 ID R1.1' and 'CardOS V6.0 ID R1.1 (BAC)', Revision 1.40R, 2022-06-07, Atos Information Technology GmbH
Application ePassport Guidance 'CardOS V6.0 ID R1.1' and 'CardOS V6.0 ID R1.1 (BAC)'ePassport Guidance 'CardOS V6.0 ID', Revision 1.40R, 2022-06-07, Atos Information Technology GmbH
Application eSign Guidance 'CardOS V6.0 ID R1.1' and 'CardOS V6.0 ID R1.1 (BAC)', Revision 1.30R, 2022-06-07, Atos Information Technology GmbH

[7]   Evaluation Technical Report BSI-DSZ-CC-1172, Version 3, 2022-09-05, EVALUATION TECHNICAL REPORT SUMMARY (ETR SUMMARY), TÜV Informationstechnik GmbH (confidential document)