Assurance Continuity Maintenance Report

BSI-DSZ-CC-0835-V2-2017-MA-01

TCOS Residence Permit Card Version 1.1 Release 2-PIV2/SLE78CLX1440P

from

T-Systems International GmbH

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-0835-V2-2017.

The change to the certified product is at the level of modification of the antenna. The identification of the maintained product is indicated by an entry in a database.

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-0835-V2-2017 dated 12 January 2017 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-0835-V2-2017.

Bonn, 6 April 2018

The Federal Office for Information Security

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 TCOS Residence Permit Card Version 1.1 Release 2-PIV2/SLE78CLX1440P, T-Systems International GmbH, 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 TCOS Residence Permit Card Version 1.1 Release 2-PIV2/SLE78CLX1440P was changed due to another layout of the antenna. The inlay-manufacturer in conjunction with the initializer or the personalizer respectively is responsible for logging information in a database that allow to relate a TOE in the field to the corresponding antenna or inlay variant. The identification number of an ID card for example can be mapped to the corresponding antenna type in a database.

Conclusion

The maintained change is at the level of implementation and corresponding guidance documentation. 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 <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-0835-V2-2017 dated 12 January 2017 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 - Auswirkungsanalyse zum Antrag auf Maintenance des bestehenden IT-Sicherheitszertifikates von TCOS Residence Permit Card 1.1 Release 2/SLE78CLX1440P, Einbindung einer weiteren Variante der gedruckten Antenne, Version 0.1, 10.03.2018 (confidential document)

[3]   Certification Report BSI-DSZ-CC-0835-V2-2017 for TCOS Residence Permit Card Version 1.1 Release 2/ SLE78CLX1440P from T-Systems International GmbH, Bundesamt für Sicherheit in der Informationstechnik, 12 January 2017

[4]   Specification of the Security Target TCOS Residence Permit Card Version 1.1 Release 2/SLE78CLX1440P, Version: 1.1.2/20161124

[5]   Configuration List - Konfigurationsliste von TCOS Residence Permit Card Version 1.1 Release 2/SLE78CLX1440P, Version 1.33, 19.03.2018 (confidential document)

[6]   Administrator's Guidance, TCOS Residence Permit Card Version 1.1 Release 2, Version 1.4D1, 15.03.2018 (confidential document)