



Assurance Continuity Maintenance Report

BSI-DSZ-CC-0383-2007-MA-01

Security IC with MRTD BAC Application

Sdu ICAO eMRTD version 1.1.0

from

Sdu Identification bv



Common Criteria Arrangement
for components up to EAL4

The IT product identified in this report was assessed according to the *Assurance Continuity: CCRA Requirements*, version 1.0, February 2004 and the developers 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-0383-2007.

The change to the certified product is at the level of a security irrelevant change of the implementation, a change that has no effect on assurance. 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 minor change and that certificate maintenance is the correct path to continuity of assurance.

Therefore, the assurance as outlined in the Certification Report BSI-DSZ-CC-0383-2007 is maintained for this version of the product. Details can be found on the following pages.

This report is an addendum to the Certification Report BSI-DSZ-CC-0383-2007.

Bonn, 07 August 2007



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 TOE [3], the Security Target [4] and the Evaluation Technical Report as outlined in [3].

The vendor for the Sdu ICAO eMRTD version 1.1.0, Sdu Identification bv, submitted an IAR [2] to the BSI for approval. The IAR is intended to satisfy requirements outlined in the document *Assurance Continuity: CCRA Requirements* [1]. In accordance with those requirements, the IAR describes the changes made to the certified TOE, the evidence updated as a result of the changes and the security impact of the changes.

The Sdu ICAO eMRTD version 1.1.0 was changed due to a security irrelevant optimisation of the random UID feature. The change is not significant from the standpoint of security, however Configuration Management procedures required a change in the version number from Sdu ICAO eMRTD version 1.0 to Sdu ICAO eMRTD version 1.1.0. Therefore the Security Target and the Security Target lite documents were editorially updated (see [4] and [5]).

Conclusion

The change to the TOE is at the level of a security irrelevant change of the implementation, a change that has no effect on assurance. Examination of the evidence indicates that the changes required are limited to the identification of the software configuration data [5] and thus of the TOE. The Security Target and the Security Target lite documents were editorially updated. 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.

Therefore, BSI agrees that the assurance as outlined in the Certification Report [3] is maintained for this version of the product. This report is an addendum to the Certification Report [3].

References

- [1] Common Criteria document CCIMB-2004-02-009 "Assurance Continuity: CCRA Requirements", version 1.0, February 2004
- [2] Electronic Passport, MAINTENANCE CONTINUITY 01 for Sdu ICAO eMRTD, Certification ID: BSI-DSZ-CC-0383-2007, Impact analysis JCOP patch 7 - Random UID, Version 0.0.1, 21. June 2007, Sdu Identification bv (confidential document)
- [3] Certification Report BSI-DSZ-CC-0383-2007 for Sdu ICAO eMRTD version 1.0 from Sdu Identification bv, Bundesamt für Sicherheit in der Informationstechnik, 02. May 2007
- [4] Security Target for Sdu ICAO eMRTD, Version 1.5.5, 29. June 2007, Sdu Identification bv (confidential document)

- [5] Security Target lite for Sdu ICAO eMRTD, Version 1.0.1, 29. June 2007, Sdu Identification bv (sanitized public document)
- [6] Electronic Passport, CONFIGURATION MANAGEMENT for Sdu ICAO eMRTD, Certification ID: BSI-DSZ-CC-0383-2007, Configuration Item List, Version 1.1.0.2, 21. June 2007, Sdu Identification bv (confidential document)