



Bundesamt
für Sicherheit in der
Informationstechnik

Assurance Continuity Maintenance Report

BSI-DSZ-CC-0379-2006-MA-01

**Renesas AE55C1 (HD65255C1) smartcard
integrated circuit version 03 with ACL version
1.43 and additional SHA-256 function**

from

Renesas Technology Europe Ltd.



Common Criteria Arrangement

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-0379-2006.

The changes to the certified product are at the level of mask size and production parameters, changes that have 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 changes leads to the conclusion that they are classified as a minor changes and that certificate maintenance is the correct path to continuity of assurance.

Therefore, the assurance as outlined in the Certification Report BSI-DSZ-CC-0379-2006 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-0379-2006.

Bonn, 12 June 2006



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 Renesas AE55C1 (HD65255C1) smartcard integrated circuit version 03 with ACL version 1.43 and additional SHA-256 function, Renesas Technology Corp., 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 AE55C1 (HD65255C1) was changed due to improve the yield. The changes are not significant from the standpoint of security, however Configuration Management procedures required a change in the version number from version 02 to version 03.

Conclusion

The changes to the TOE are at the level of mask size and production parameters, changes that have no effect on assurance. Examination of the evidence indicates that the changes required are limited to the identification of the masks sets and new evidence on testing and thus of the TOE. The Security Target [4] is still valid for the changed TOE. Nevertheless the vendor has provided a new version of ST [5] with updated TOE version. 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] Renesas Impact Analysis Report for Maintenance under Assurance Continuity, Date: 29 May 2006, Reference AE55C1V3ACPP128032006 (confidential document), Renesas Technology Corp.
- [3] Certification Report BSI-DSZ-CC-0279-2006 for Renesas AE55C1 (HD65255C1) smartcard integrated circuit version 02 with ACL version 1.43 and additional SHA-256 function, Bundesamt für Sicherheit in der Informationstechnik, 15. May 2006
- [4] Security Target BSI-DSZ-0379-2006, Version 5.0, 7 April 2006, AE55C1 (HD65255C1) Version 02 with ALC version 1.43 Smartcard Security Target, Public Version, Renesas Technology Corp.

- [5] Security Target BSI-DSZ-0379-2006-MA-01, Version 6.0, 12 May 2006, AE55C1 (HD65255C1) Version 03 with ALC version 1.43 Smartcard Security Target, Public Version, Renesas Technology Corp.
- [6] Site Security Management (with Configuration List), Revision 8.2, 12 May 2006, Renesas Technology Corp.