



## Assurance Continuity Maintenance Report

**BSI-DSZ-CC-0421-2008-MA-01**

**Atmel Smartcard ICs AT90SC28872RCU /  
AT90SC28848RCU with Atmel Cryptographic  
Toolbox Version 00.03.10.00 or 00.03.13.00**

from

**Atmel Corporation**



Common Criteria Recognition  
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-0421-2008.

The change to the certified product is at the hardware implementation level, 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-0421-2008 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-0421-2008.

Bonn, 08 January 2009



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

The vendor for the Atmel Smartcard ICs AT90SC28872RCU / AT90SC28848RCU with Atmel Cryptographic Toolbox Version 00.03.10.00 or 00.03.13.00, Atmel Corporation, 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 Atmel Smartcard ICs AT90SC28872RCU / AT90SC28848RCU with Atmel Cryptographic Toolbox Version 00.03.10.00 or 00.03.13.00 was changed due to ESD Yield Enhancement. The change is not significant from the standpoint of security, however Configuration Management procedures required a change in the revision number from D to E.

## Conclusion

The change to the TOE is at the hardware implementation level, a change that has no effect on assurance. Examination of the evidence indicates that the changes performed are limited to an analog circuitry in a security irrelevant part of the TOE. The Security Target [5] and the Security Target lite [6] 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] Roper (AT90SC28872RCU / AT90SC28848RCU) Impact Analysis Report, Version 1.2, 05 December 2008, Atmel Corporation (confidential document)
- [3] Certification Report BSI-DSZ-CC-0421-2008 for Atmel Smartcard ICs AT90SC28872RCU / AT90SC28848RCU with Atmel Cryptographic Toolbox Version 00.03.10.00 or 00.03.13.00, Bundesamt für Sicherheit in der Informationstechnik, 04 December 2008
- [4] Security Target BSI-DSZ-0421-2008, Version 2.2, 14.04.2008, Roper Security Target, Atmel Corporation (confidential document)
- [5] Security Target BSI-DSZ-0421-2008, Version 2.3, 05.12.2008, Roper Security Target, Atmel Corporation (confidential document)
- [6] Security Target BSI-DSZ-0421-2008, Version TPG0139D, 05.12.2008, AT90SC28872RCU / AT90SC28848RCU Security Target Lite, Atmel Corporation (sanitised public document)