



## Assurance Continuity Maintenance Report

BSI-DSZ-CC-0322-2005-MA-01

**Infineon Smart Card IC (Security Controller)  
SLE66CX182PE/m1564-a13  
with RSA 2048 V1.4 and specific IC Dedicated  
Software**

from  
**Infineon Technologies AG**



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-0322-2005.

The change to the certified product is at the level of a different configuration setting at the end of the production process (XRAM size blocked from 6 kByte to 4 kByte, ROM size blocked from 256 kByte to 148 kByte, EEPROM size blocked from 68 kByte to 18 kByte and User ROM size blocked from 244 kByte to 136 kByte). This change 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-0322-2005 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-0322-2005.



Bonn, 23. März 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 Infineon Smart Card IC (Security Controller) SLE66CX182PE/m1564-a13, Infineon Technologies AG, 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 SLE66CX182PE/m1564-a13 was changed due to a reduce of the XRAM size from 6 kByte to 4 kByte, a reduce of the ROM size from 256 kByte to 148 kByte, a reduce of the EEPROM size from 68 kByte to 18 kByte and a reduce of the User ROM size from 244 kByte to 136 kByte. The change is not significant from the standpoint of security, however Configuration Management procedures required a change in the version number from SLE66CX680PE/m1534-a13 to SLE66CX182PE/m1564-a13.

## Conclusion

The change to the TOE is at the level of a different configuration setting at the end of the production process (XRAM size blocked from 6 kByte to 4 kByte, ROM size blocked from 256 kByte to 148 kByte, EEPROM size blocked from 68 kByte to 18 kByte and User ROM size blocked from 244 kByte to 136 kByte). This change has no effect on assurance. Examination of the evidence indicates that the changes required are limited to the identification of the following TOE configuration items:

No	Type	Identifier	Release	Date	Form of Delivery
1	HW	SLE66CX182PE Smart Card IC	GDS-file-ID: m1564 a13 with production line indicator: "2" (Dresden)		Wafer or packaged module
2	Doc	Status Report, List of all available application notes		02.2006	Hardcopy and pdf- file

The Security Target [4] is still valid for the changed TOE. 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] Impact Analysis for Infineon Smart Card IC (Security Controller) SLE66CX480PE/m1565-a13, SLE66CX482PE/m1577-a13 and SLE66CX182PE/m1564-a13, Version 1.0, 2006-01-18 (confidential document)
- [3] Certification Report BSI-DSZ-CC-0322-2005 for Infineon Smart Card IC (Security Controller) SLE66CX680PE/m1534a13 and SLE66CX360PE /m1536a13 both with RSA 2048 V1.4 and specific IC Dedicated Software, Bundesamt für Sicherheit in der Informationstechnik, 2005-09-14
- [4] Infineon Technologies AG, Security and Chipcard ICs, Security Target, SLE66CX680PE/m1534a13, SLE66CX360PE/m1536a13 both with RSA2048 V1.40, 28. July 2005, Version 1.2
- [5] Configuration Management Scope for Infineon Smart Card IC (Security Controller) SLE66CX182PE/m1564-a13, Version 1.0, 2006-02-24 (confidential document)