



Bundesamt  
für Sicherheit in der  
Informationstechnik

## Assurance Continuity Maintenance Report

**BSI-DSZ-CC-0338-2005-MA-03**

**Infineon Smart Card IC (Security Controller)  
SLE66CLX640P/m1523-a15 and  
SLE66CLX641P/m1522-a15**

**both with RSA2048 V1.3 and specific IC  
Dedicated Software**

from

**Infineon Technologies AG**



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-0338-2005.

The change to the certified product is at the level of the implementation for the RF interface and an optimized hardware structure for yield improvement, 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 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-0338-2005 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-0338-2005.

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## 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) SLE66CLX640P/m1523-a15 and SLE66CLX641P/m1522-a15 both with RSA2048 V1.3 and specific IC Dedicated Software, 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 SLE66CLX640P/m1523-a15 and SLE66CLX641P/m1522-a15 were changed due to the stability, ISO compliance, communication performance of the RF interface and a yield improvement in production.

The changes are not significant from the standpoint of security, however Configuration Management procedures required a change in the version number from SLE66CLX640P/m1523-a14 and SLE66CLX641P/m1522-a14 to SLE66CLX640P/m1523-a15 and SLE66CLX641P/m1522-a15.

## Conclusion

The change to the TOE is at the level of the implementation for the RF interface and an optimized hardware structure for yield improvement, changes that have no effect on assurance. Examination of the evidence (see [2] and [5]) 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	SLE66CLX640P / SLE66CLX641P Smart Card IC	GDS-file-ID: m1522a14 with production line indicator: "2" (Dresden)		Wafer or packaged module (with or without inlay antenna)
2	Doc	Status Report, List of all available application notes		04.2007	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] SLE66CLX640P / m1523-a15 SLE66CLX641P / m1522-a15 Impact Analysis on Differences to the Forerunner Design Versions a11, a12 (MA-1) and a14 (MA-2), Version 1.0, 2007-04-24 (confidential document)
- [3] Certification Report BSI-DSZ-CC-0338-2005 for Infineon Smart Card IC (Security Controller) SLE66CLX640P/m1523-a11 and SLE66CLX641P /m1522-a11 both with RSA2048 V1.3 and specific IC Dedicated Software, Bundesamt für Sicherheit in der Informationstechnik, 2005-11-09
- [4] Infineon Technologies AG, Security and Chipcard Ics, SLE66CLX640P / m1523-a11, SLE66CLX641P / m1522-a11 both with RSA2048 V1.3, Security Target, Version 1.3, 9 September 2005
- [5] Configuration List, Configuration Management Scope (ACM\_SCP) compared to the forerunner design –a11, Version 1.0, 2007-04-24 SLE66CLX640P / m1523-a15 SLE66CLX641P / m1522-a15 both with RSA2048 V1.3 (confidential document)