



## Assurance Continuity Maintenance Report

**BSI-DSZ-CC-0430-2008-MA-01**

**Infineon Smart Card IC (Security Controller)**

**SLE66CLX800PE / m1581-e12,  
SLE66CLX800PEM / m1580-e12,  
SLE66CLX800PES / m1582-e12,  
SLE66CLX360PE / m1587-e12,  
SLE66CLX360PEM / m1588-e12,  
SLE66CLX360PES / m1589-e12,  
SLE66CX800PE / m1599-e12 all with  
RSA 2048 V1.5 and ECC V1.1 and specific  
Dedicated Software**

from

**Infineon Technologies AG**



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-0430-2008.

The change to the certified product is at the level of the included development, production, delivery sites and documentation, a change that has no effect on assurance. New versions of the User Guidance Documentation, the Software Interface Documentation, the Configuration Management Scope Documentation and the ETR for Composite Evaluation are considered. No changes of hardware or IC dedicated software are applied, the TOE version does not change.

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-0430-2008 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-0430-2008.

Bonn, 19. September 2008



## 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 Infineon Smart Card IC (Security Controller) SLE66CLX800PE / m1581-e12, SLE66CLX800PEM / m1580-e12, SLE66CLX800PES / m1582-e12, SLE66CLX360PE / m1587-e12, SLE66CLX360PEM / m1588-e12, SLE66CLX360PES / m1589-e12, SLE66CX800PE / m1599-e12 all with RSA 2048 V1.5 and ECC V1.1 and specific Dedicated Software, Infineon Technologies AG, 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 Common Criteria assurance requirements

- ACM – Configuration management (i.e. ACM\_AUT.1, ACM\_CAP.4, ACM\_SCP.3),
- ADO – Delivery and operation (i.e. ADO\_DEL.2, ADO\_IGS.1) and
- ALC – Life cycle support (i.e. ALC\_DVS.2, ALC\_LCD.2, ALC\_TAT.2),

are fulfilled for the sites of the TOE listed completely below:

- Infineon Technologies AG, Secure Mobile Solutions, Alter Postweg 101, 86159 Augsburg, Germany (Development)
- Altis Semiconductor S.N.C., Boulevard John Kennedy 224, 91105 Corbeil Essonnes, France (Production)
- Toppan Photomask Inc, European Technology Center, Boulevard John Kennedy 224, 91105 Corbeil-Essonnes Cedex, France (Mask-Center)
- Amkor Technology Philippines, Km. 22 East Service Rd., South Superhighway, Muntinlupa City 1702, Philippines and Amkor Technology Philippines, 119 North Science Avenue, Laguna Technopark, Binan, Laguna 4024, Philippines (Module Mounting)
- Smartrac Technology, 142 Moo 1, Hi-Tech industrial Estate, Ban Laean, Bang, Pa-In Phra na korn Si Ayatthaya, 13160 Thailand (Inlay Production)
- Infineon Technologies Romania, Blvd. Dimitrie Pompeiu Nr.6, Sector 2, 020335 Bucharest, Romania (Development)
- Assa Abloy Identification Technologies GmbH (former Sokymat GmbH), In den Weiden 4b, 99099 Erfurt, Germany (Antenna inlay mounting)
- Infineon Technologies Austria AG, Development Center Graz, Babenbergstr. 10, 8020 Graz, Austria and Infineon Technologies Austria AG, Siemensstr. 2, 9500 Villach, Austria and Infineon Technologies Austria AG Lakeside B05, 9020 Klagenfurt, Austria (Development)
- Kuehne & Nagel, 30805 Santana Street, Hayward, CA 94544, U.S.A. (Distribution Center)

- Infineon Technologies AG, Am Campeon 1-12, 85579 Neubiberg, and Infineon Technologies AG, Otto-Hahn-Ring 6, 81739 München (Perlach), Germany (Development)
- New Logic Technologies AG – A Wipro Company, Millenium Park 6, 6890 Lustenau, Austria (Development)
- Infineon Technologies AG, Wernerwerkstraße 2, 93049 Regensburg (Burgweinting), Germany and Smartrac Technology GmbH, Wernerwerkstraße 2, 93049 Regensburg, Germany (Module mounting with inlay antenna mounting, Warehouse)
- DHL Exel Supply Chain Richland Business Centre 11 Bedok North Ave 4, Level 3, Singapore 489949 (Delivery Center)
- Infineon Technologies Asia Pacific PTE Ltd., 168 Kallang Way, Singapore 349253 (Module Mounting)
- Kintetsu World Express Inc., Tokyo Import Logistics Center, Narita Terminal, Tokyo, Japan (Delivery Center)
- Infineon Technologies (Wuxi) Co. Ltd., No. 118, Xing Chuang San Lu, Wuxi-Singapore Industrial Park, Wuxi 214028, Jiangsu, P.R. China (Module Mounting)
- Infineon Technology AG, DCE, Kühne & Nagel, Stockstädter Strasse 10 - Building 8A, 63762 Grossostheim (Distribution center)

The changes to the TOE are at the level of documentation and evaluated and included sites, they have also been checked by the evaluation facility. The changes are considered by new versions of the User Guidance Documentation [7], the Software Interface Documentation [6], the Configuration Management Scope Documentation [8] and the ETR for Composite Evaluation [5]. The additional or changed sites handling the TOE have no impact on security. No changes of hardware or IC dedicated software are applied. The documentation change is a transposition of a software interface usability.

## Conclusion

The change to the TOE is at the level of included sites and documentation, a change that has no effect on assurance. Examination of the evidence indicates that the changes performed are limited to the included sites, the User Guidance Documentation [7], the Software Interface Documentation [6], the Configuration Management Scope Documentation [8] and the ETR for Composite Evaluation [5]. 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 “Assuarance Continuity: CCRA Requirements”, version 1.0, February 2004
- [2] IAR BSI-DSZ-0430-2008-MA-01, Infineon Smart Card IC (Security Controller) SLE66CLX800PE / m1581-e12, SLE66CLX800PEM / m1580-e12, SLE66CLX800PES / m1582-e12, SLE66CLX360PE / m1587-e12, SLE66CLX360PEM / m1588-e12, SLE66CLX360PES / m1589-e12, SLE66CX800PE / m1599-e12 all with RSA 2048 V1.5 and ECC V1.1 and specific Dedicated Software, 02.09.2008, Infineon Technologies AG (confidential document)
- [3] Certification Report BSI-DSZ-CC-0430-2008 for Infineon Smart Card IC (Security Controller) SLE66CLX800PE / m1581-e12, SLE66CLX800PEM / m1580-e12, SLE66CLX800PES / m1582-e12, SLE66CLX360PE / m1587-e12, SLE66CLX360PEM / m1588-e12, SLE66CLX360PES / m1589-e12, SLE66CX800PE / m1599-e12 all with RSA 2048 V1.5 and ECC V1.1 and specific Dedicated Software, Bundesamt für Sicherheit in der Informationstechnik, 15.05.2008, BSI, Germany
- [4] Security Target, Infineon Technologies AG, Security and Chipcard ICs, SLE66CLX800PE / m1581-e12, SLE66CLX800PEM / m1580-e12, SLE66CLX800PES / m1582-e12, SLE66CLX360PE / m1587-e12, SLE66CLX360PEM / m1588-e12, SLE66CLX360PES / m1589-e12, SLE66CLX800PE / m1599-e12 all with RSA2048 V1.5 and ECC V1.1 and specific Dedicated Software, 15. January 2008, Version 0.5
- [5] ETR for Composite Evaluation for Security and Chipcard ICs, SLE66CLX800PE / m1581-e12, SLE66CLX800PEM / m1580-e12, SLE66CLX800PES / m1582-e12, SLE66CLX360PE / m1587-e12, SLE66CLX360PEM / m1588-e12, SLE66CLX360PES / m1589-e12, SLE66CLX800PE / m1599-e12 all with RSA2048 V1.5 and ECC V1.1 and specific Dedicated Software, Version 2, 21. August 2008, TÜV Informationstechnik GmbH (confidential document)
- [6] RSA 2048 bit Support – SLE66C(L)XxxxPE RSA Interface Specification for library V1.5, Version 08.2007, August 2008, Infineon Technologies AG
- [7] User Guidance Documentation, Security and Chipcard ICs, SLE66CLX800PE / m1581-e12, SLE66CLX800PEM / m1580-e12, SLE66CLX800PES / m1582-e12, SLE66CLX360PE / m1587-e12, SLE66CLX360PEM / m1588-e12, SLE66CLX360PES / m1589-e12, SLE66CLX800PE / m1599-e12 all with RSA2048 V1.5 and ECC V1.1 and specific Dedicated Software, 05. September 2008, Version 1.3, Infineon Technologies AG (confidential document)
- [8] Configuration Management Scope, Security and Chipcard ICs, SLE66CLX800PE / m1581-e12, SLE66CLX800PEM / m1580-e12, SLE66CLX800PES / m1582-e12, SLE66CLX360PE / m1587-e12, SLE66CLX360PEM / m1588-e12, SLE66CLX360PES / m1589-e12, SLE66CLX800PE / m1599-e12 all with RSA2048 V1.5 and ECC V1.1 and specific Dedicated Software, 05. September 2008, Version 1.3, Infineon Technologies AG (confidential document)