



Assurance Continuity Maintenance Report

BSI-DSZ-CC-0376-2006-MA-01

Infineon Smart Card IC (Security Controller)

SLE88CFX4000P/m8830b17,

SLE88CFX4002P/m8834b17,

SLE88CFX3520P/m8847b17,

SLE88CFX2920P/m8849b17,

SLE88CF4000P/m8845b17,

SLE88CF4002P/m8846b17,

SLE88CF3520P/m8848b17,

SLE88CF2920P/m8850b17,

each with PSL V0.50.23_E107 or

PSL V0.50.23_E110

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-0376-2006.

The change to the certified product is at the level of a software patch, optimization of the production process for yield improvement and the inclusion of two already certified production and delivery sites, changes that have no effect on assurance.

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-0376-2006 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-0376-2006.

Bonn, February 28th, 2007



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) SLE88CFX4000P/m8830b17, SLE88CFX4002P/m8834b17, SLE88CFX3520P/m8847b17, SLE88CFX2920P/m8849b17, SLE88CF4000P/m8845b17, SLE88CF4002P/m8846b17, SLE88CF3520P/m8848b17, SLE88CF2920P/m8850b17, each with PSL V0.50.23_E107 or PSL V0.50.23_E110 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 SLE88CFX4000P, SLE88CFX4002P, SLE88CFX3520P, SLE88CFX2920P, SLE88CF4000P, SLE88CF4002P, SLE88CF3520P, SLE88CF2920P were changed due to a software patch, yield improvement and the inclusion of two already certified production and delivery sites.

As a result of the certification BSI-DSZ-CC-0401-2006 that applies to a similar product the following results regarding the development and production environment of the TOE also apply:

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 additional production and delivery sites of the TOE:
- Amkor Technology Philippines, Km. 22 East Service Rd., South Superhighway, Muntinlupa City 1702, Philippines
 - Amkor Technology Philippines, 119 North Science Avenue, Laguna Technopark, Binan, Laguna 4024, Philippines

The changes are not significant from the standpoint of security.

Conclusion

The change to the TOE is at the level of a software patch, optimization of the production process for yield improvement and the inclusion of two already certified production and delivery sites, changes that have no effect on assurance. Examination of the evidence indicates that the changes required are limited to the identification of the source file TNVM, version 08.0a (cmp. Certification Report BSI-DSZ-CC-0376-2006, chapter 2, table 6), the M4 mask (M8830-B000-14-M471) and the inclusion of the additional already evaluated production and delivery sites Amkor, Philippines and thus of the TOE. 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 Report: Assurance Continuity Maintenance Process based on the BSI Certification Process BSI-DSZ-0376-2006 SLE88CFX4000P / m8830 – b17, Version 1.1, 2006-12-21 (confidential document)
- [3] Certification Report BSI-DSZ-CC-0376-2006 Infineon Smart Card IC (Security Controller) SLE88CFX4000P/m8830b17, SLE88CFX4002P /m8834b17 SLE88CFX3520P/m8847b17, SLE88CFX2920P/m8849b17 SLE88CF4000P/m8845b17, SLE88CF4002P/m8846b17 SLE88CF3520P /m8848b17, SLE88CF2920P/m8850b17 each with PSL V0.50.23_E107 or PSL V0.50.23_E110 and specific IC Dedicated Software from Infineon Technologies AG, Bundesamt für Sicherheit in der Informationstechnik, 21. June 2006
- [4] Security Target BSI-DSZ-CC-0376, SLE88CFX4000P/m8830, Version 1.3, Infineon Technologies AG, 25.04.2006
- [5] Configuration Management List: SLE88CFX4000P / m8830, Configuration Management Scope (ACM_SCP), Version 1.3.1, Date 29-01-2007 (confidential document)