Bundesamt
für Sicherheit in der
Informationstechnik

Assurance Continuity Maintenance Report

BSI-DSZ-CC-0340-2005-MA-03

**Infineon Smart Card IC (Security Controller)
SLE66C168PE/m1530-a26,
SLE66C84PE/m1538-a26,
SLE66C44PE/m1539-a26 and
SLE66C24PE/m1563-a26 with specific IC
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-0340-2005. A reassessment proofing the resistance against high attack potential (AVA_VLA.4) has been performed at 2007-10-19 of TÜVIT assessment report and was confirmed at 2007-11-13 of BSI approval.

The changes to the certified product are at the level of the included development, production and delivery sites and changes in isolation edges for yield improvement. These changes don´t have any 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-0340-2005 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-0340-2005.

Common Criteria

Bonn, 27 March 2009

Bundesamt für Sicherheit in der Informationstechnik
Godesberger Allee 185-189 - D-53175 Bonn - Postfach 20 03 63 - D-53133 Bonn
Phone +49 228 99 9582-0 - Fax +49 228 9582-5477 - Infoline +49 228 99 9582-111

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 [5].

The vendor for the Infineon Smart Card IC (Security Controller) SLE66C168PE/m1530-a26, SLE66C84PE/m1538-a26, SLE66C44PE/m1539-a26 and SLE66C24PE/m1563-a26 with specific IC 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 Infineon Smart Card IC (Security Controller) SLE66C168PE/m1530-a26, SLE66C84PE/m1538-a26, SLE66C44PE/m1539-a26 and SLE66C24PE/m1563-a26 with specific IC Dedicated Software were changed due to improvement of the isolation edges and inclusion of the development, production and delivery sites. The sites relevant for this product are audited in another certification procedures. The changes are not significant from the standpoint of security, however Configuration Management procedures required a change in the version number from a25 to a26.

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 audited sites of the TOE listed completely below:

Site	Address	Function
Altis-Toppan	Toppan Photomask, Inc. European Technology Center Boulevard John Kennedy 224 91105 Corbeil Essonnes Cedex, France	Mask Center
Amkor	Amkor Technology Philippines Km. 22 East Service Rd. South Superhighway Muntinlupa City 1702 Philipines Amkor Technology Philippines 119 North Science Avenue Laguna Technopark, Binan Laguna 4024, Philipines	Module Mounting
Augsburg	Infineon Technologies AG Secure Mobile Solutions Alter Postweg 101 86159 Augsburg, Germany	Development

Site	Address	Function
Bangkok	Smartrac Technology, 142 Moo 1 Hi-Tech industrial Estate, Ban Laean, Bang, Pa-In Phra na korn Si Ayatthaya, 13160 Thailand	Inlay Antenna Mounting
Bucharest	Infineon Technology AG Bd. Dimitrie Pompeiu 6, Sector 2 020335 Bucharest, Romania	Development
Dresden	Infineon Technologies Dresden GmbH & Co. OHG Königsbrücker Str. 180 01099 Dresden, Germany	Production
Dresden-Toppan	Toppan Photomask, Inc Rähnitzer Allee 9 01109 Dresden, Germany	Mask Center
Erfurt	Assa Abloy Identification Technologies GmbH (former Sokymat GmbH) In den Weiden 4b, 99099 Erfurt	Module Mounting with Inlay Antenna Mounting
Graz / Villach / Klagenfurt	Infineon Technologies Austria AG Development Center Graz Babenbergerstr. 10 8020 Graz, Austria Infineon Technologies Austria AG Siemensstr. 2 9500 Villach, Austria Infineon Technologies Austria AG Lakeside B05 9020 Klagenfurt, Austria	Development
Großostheim	Infineon Technology AG, DCE, Kühne & Nagel Stockstädter Strasse 10 - Building 8A 63762 Großostheim, Germany	Distribution Center
Hayward	Kuehne & Nagel 30805 Santana Street Hayward, CA 94544 U.S.A.	Distribution Center
Lustenau	New Logic Technologies AG, - A Wipro Company, Millenium Park 6, 6890 Lustenau, Austria	Development
Munich	Infineon Technologies AG Am Campeon 1-12 85579 Neubiberg, Germany Infineon Technologies AG Otto-Hahn-Ring 6 81739 München (Perlach), Germany	Development
Regensburg-West	Infineon Technologies AG Wernerwerkstraße 2 93049 Regensburg, Germany Smartrac Technology GmbH, Wernerwerkstraße 2 93049 Regensburg, Germany	Module Mounting Inlay Antenna Mounting, Distribution Center
Singapore	DHL Exel Singapore Pte Ltd Richland Business Center 11 Bedok North Ave 4 Singapore	Distribution Center

Site	Address	Function
Singapore Kallang	Infineon Technologies AG 168 Kallang Way Singapore 349253	Module Mounting
Tokyo	Kintetsu World Express, Inc. Tokyo Import Logistics Center Narita Terminal Tokyo, Japan	Distribution Center
Wuxi	Infineon Technologies (Wuxi) Co. Ltd. No. 118, Xing Chuang San Lu Wuxi-Singapore Industrial Park Wuxi 214028, Jiangsu, P.R. China	Module Mounting, Distribution Center

Conclusion

The changes to the certified product are at the level of the included development, production and delivery sites and changes in isolation edges for yield improvement, those changes that have no effect on assurance. Examination of the evidence indicates that the changes performed are limited to the improvement of the isolation edges and limited to inclusion of the additional development and production sites as listed above. 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] Impact Analysis, SLE66C168PE M1530-a26, SLE66C84PE m1538-a26, SLE66C44PE m1539-a26, SLE66C24PE m1563-a26, Version 1.3, 2009-03-09 (confidential document)

[3] Certification Report BSI-DSZ-CC-0340-2005 for Infineon Smart Card IC (Security Controller) SLE66C168PE/m1530-a25, SLE66C84PE/m1538-a25, SLE66C44PE/ m1539-a25 and SLE66C24PE/m1563-a25 with specific IC Dedicated Software, Bundesamt für Sicherheit in der Informationstechnik, 2005-09-30

[4] Security Target, Security Chipcard ICs, SLE66C168PE / m1530-a25, SLE66C84PE / m1538-a25, SLE66C44PE / m1539-a25, SLE66C24PE / m1563-a25, 2005-09-12, Version 1.1, Infineon Technologies AG

[5] EVALUATION TECHNICAL REPORT (ETR), SLE66C168PE / m1530a25, SLE66C84PE / m1538a25, SLE66C44PE / m1539a25, SLE66C24PE / m1563a25, Version 4, 2007-10-19 (Confidential document)