



Assurance Continuity Maintenance Report

BSI-DSZ-CC-0348-2006-MA-01

**Philips Secure Smart Card Controller
P5CD072V0P, P5CD036V0P, P5CN072V0P and
P5CN036V0P each with specific IC Dedicated
Software**

from

**Philips Semiconductors GmbH
Business Line Identification**



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-0348-2006.

The change to the certified product is at the level of generation of specific new TOE configurations before TOE delivery. A new version of the data sheets is considered. The changes have no effect on assurance. The identification of the new configurations of the product is indicated by the product names P5CN072V0P and P5CN036V0P.

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-0348-2006 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-0348-2006.

Bonn, 20 June 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 product, Philips Semiconductors GmbH Business Line Identification, 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 new configurations P5CN072V0P and P5CN036V0P are configured at the end of the production process and can be accepted under the scope of the certification because the configuration options for memories and AES co-processor were already evaluated within the P5CT072V0P certification BSI-DSZ-CC-0348-2006, a TOE having the same hardware platform indicated by the nameplate T023P. In addition a so called S²C Interface is enabled for use in NFC applications. The contactless interface is disabled.

For the P5CN072V0P data sheet version 3.1 [8] was generated and derived from the P5CD072 data sheet revision 2.0. Changes were assessed and classified as minor change.

For the P5CN036V0P data sheet version 3.1 [9] was generated and derived from the P5CD036 data sheet revision 2.0. Changes were assessed and classified as minor change.

For the P5CD072V0P revision 3.0 [6] of the data sheet was generated and derived from the P5CD072 data sheet revision 2.0 due to editorial changes and changes not related to security. Changes were assessed and classified as minor change.

For the P5CD036V0P revision 3.0 [7] of the data sheet was generated and derived from the P5CD072 data sheet revision 2.0 due to editorial changes and changes not related to security. Changes were assessed and classified as minor change.

The identification of the maintained products compared to the certified product is indicated by new data sheets for the new configurations and new data sheet versions for already certified configurations.

For the identification of a specific Philips P5CN072V0P and P5CN036V0P chip, the Device Coding Bytes stored in the EEPROM can be used: The value 19 hex in Device Coding Byte DC2 identifies the chip configuration P5CN072 and the value 17 hex identifies the chip configuration P5CN036. As the TOE hardware did not change, it is indicated by the chip identifier T023P (see [3]). An updated configuration list [5] was provided.

Conclusion

The change to the TOE is at the level of minor document changes or taking over information from other evaluated documents and generating new products with differing configurations settings out of already evaluated parts. The changes have no effect on assurance or the information taken over was already evaluated. Examination of the evidence indicates that the changes required are limited to the identification of configuration information and data sheet documents 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 BSI-DSZ-CC-0348, Version 1.0, 26 April 2006, Evaluation of the Philips P5CN072V0P Secure Smart Card Controller (confidential document)
- [3] Certification Report BSI-DSZ-CC-0348-2006 for Philips Secure Smart Card Controller P5CT072V0P, P5CC072V0P, P5CD072V0P and P5CD036V0P each with specific IC Dedicated Software from Philips Semiconductors GmbH Business Line Identification, Bundesamt für Sicherheit in der Informationstechnik, 28 March 2006
- [4] Security Target Lite BSI-DSZ-CC-0348, Version 1.2, 17 January 2006, Evaluation of Philips P5CT072V0P, P5CC072V0P, P5CD072V0P and P5CD036V0P Secure Smart Card Controller, Philips Semiconductors (sanitised public document)
- [5] Configuration List, BSI-DSZ-CC-0348/349, Version 1.3, May 8th, 2006, Evaluation of the Philips P5CT072V0P/Q Secure Smart Card Controller, Philips Semiconductors, Business Line Identification (confidential document)
- [6] Data Sheet, P5CD072V0P/V0Q, SmartMX, Secure Dual Interface PKI Smart Card Controller, Philips Semiconductors, Revision 3.0, March 6th, 2006 (confidential document)
- [7] Data Sheet, P5CD036V0P/V0Q, SmartMX, Secure Dual Interface PKI Smart Card Controller, Philips Semiconductors, Revision 3.0, March 6th, 2006 (confidential document)
- [8] Data Sheet, P5CN072V0P, SmartMX, Secure Dual Interface PKI Smart Card Controller, Philips Semiconductors, Revision 3.1, 15. November 2005 (confidential document)

- [9] Data Sheet, P5CN036V0P, SmartMX, Secure Dual Interface PKI Smart Card Controller, Product Specification, Philips Semiconductors, Revision 3.1, 15. November 2005 (confidential document)