



## Assurance Continuity Maintenance Report

BSI-DSZ-CC-0232-2004-MA-02

**NXP P5CD036V0M Secure Smart Card  
Controller with IC Dedicated Software**

from

**NXP Semiconductors Germany GmbH  
Business Line Identification**



Common Criteria Arrangement  
for components up to EAL4

The IT products identified in this report were 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-0232-2004.

The change to the certified product P5CD036V0M is at the level of specific steps in production process and module packaging. The changes have no effect on assurance. The identification of the new configuration of the product is indicated by the new module package name called *EV8*.

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-0232-2004 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-0232-2004.

Bonn, 12<sup>th</sup> October 2007



## Assessment

The IT products identified in this report were 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 [5] and the Evaluation Technical Report as outlined in [3].

The vendor for the NXP P5CD036V0M Secure Smart Card Controller, NXP Semiconductors Germany 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 thickness of the dice from P5CD036V0M is increased to 180 µm. The security functionality did not change. The modification has no effect on assurance. The chip identifier is still „T023M“ (see [3]), but the new version of the chip is being packaged in a new package type called *EV8* (PDM1.1 with 180 µm chip, Type Name: P5CD036EV8/T0Mrrffz).

## Conclusion

The changes to the TOE are at the level of specific steps in production process and a specific new type of module packaging only. The changes have no effect on assurance. Examination of the evidence indicates that the changes required are limited to specific documents regarding production flow and indications of the new module package name as indicated above. The Security Target [5] 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-0232, Version 1.0, 10. September 2007, Evaluation of the NXP P5CD036V0M Secure Smart Card Controller (confidential document)
- [3] Certification Report BSI-DSZ-CC-0232-2004 for Philips P5CC036V0M Secure Smart Card Controller from Philips Semiconductors GmbH Business Line Identification, Bundesamt für Sicherheit in der Informationstechnik, 8 September 2004
- [4] Security Target Lite BSI-DSZ-CC-0232, Version 1.0, 18 May 2004, Evaluation of Philips P5CC036V0M Secure Smart Card Controller, Philips Semiconductors (sanitised public document)
- [5] Security Target BSI-DSZ-CC-0232, Version 1.2, 28 April 2004, Evaluation of Philips P5CC036V0M Secure Smart Card Controller, Philips Semiconductors (confidential document)