Assurance Continuity Maintenance Report

BSI-DSZ-CC-0294-2006-MA-02

Smartcard with Java Card Platform

Philips P541G072V0P (JCOP 41 v2.2) with Patch 7

from

IBM Deutschland Entwicklung GmbH

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-0294-2006.

The change to the certified product is at the level of a security irrelevant change of the implementation, a change that has no 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 <u>minor change</u> and that certificate maintenance is the correct path to continuity of assurance.

Therefore, the assurance as outlined in the Certification Report BSI-DSZ-CC-0294-2006 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-0294-2006.

Bonn, 06 March 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 Philips P541G072V0Q (JCOP 41 v2.2), IBM Deutschland Entwicklung GmbH, 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 Philips P541G072V0Q (JCOP 41 v2.2) was changed due to a security irrelevant optimisation of the random UID feature. The change is not significant from the standpoint of security, however Configuration Management procedures required a change in the version number from P541G072V0Q (JCOP 41 v2.2) with Patch 4 to P541G072V0Q (JCOP 41 v2.2) with Patch 7. The patch identifier is part of the product identifier which can be identified using the IDENTIFY command as described in the Administrator Guidance [7].

Conclusion

The change to the TOE is at the level of a security irrelevant change of the implementation, a change that has no effect on assurance. Examination of the evidence indicates that the changes required are limited to the identification of the software configuration data [5], the Administrator Guidance [7] 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-0294, Version 1.0, 25. September 2006, Evaluation of the Philips P541G072V0P Secure Smart Card Controller (confidential document)

[3]   Certification Report BSI-DSZ-CC-0294-2006 for Philips P541G072V0P (JCOP 41 v2.2) from IBM Deutschland Entwicklung GmbH, Bundesamt für Sicherheit in der Informationstechnik, 31. August 2006

[4] Security Target lite Philips P541G072V0P (JCOP 41, v2.2) Secure Smart Card Controller, Version 1.0, 21. August 2006, IBM Deutschland Entwicklung GmbH (sanitized public document)

[5] Configuration List, Philips P541CT072VOP (JCOP 41 v2.2), Secure Smart Card Controller with Patch 7, Version 1.5, 20. October 2006, IBM Deutschland Entwicklung GmbH (confidential document)

[6] Certification Report BSI-DSZ-CC-0349-2006 for Philips Secure Smart Card Controller P5CT072V0Q, P5CD072V0Q, P5CD036V0Q including specific Inlay Packages OM95xx each with specific IC Dedicated Software from Philips Semiconductors GmbH Business Line Identification, Version 1.0, 28. March 2006, BSI

[7] Administrator Guidance, Philips P541G072V0Q (JCOP 41, v2.2) Secure Smart Card Controller, Version 1.6, 25. September 2006, IBM Deutschland Entwicklung GmbH (confidential document)