



Assurance Continuity Maintenance Report

BSI-DSZ-CC-0915-2016-MA-01

**BCM_SPS02 Secure Processing System with
Firmware version 002.010 or 002.020**

from

Broadcom Corporation



SOGIS
Recognition Agreement

The IT product identified in this report was assessed according to the *Assurance Continuity: CCRA Requirements*, version 2.1, June 2012 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-0915-2016.

The changes to the certified product is at the level of code fixes and errata documentation. The changes have no effect on assurance. The identification of the maintained product is indicated by a new version number compared to the certified product an errata document.

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.

The resistance to attacks has not been re-assessed in the course of this maintenance process. Therefore, the assurance statement as outlined in the Certification Report BSI-DSZ-CC-0915-2016, dated 25 February 2016 is of relevance and has to be considered when using the product. Details can be found on the following pages.

This report is an addendum to the Certification Report BSI-DSZ-CC-0915-2016.



Common Criteria
Recognition Arrangement
for components up to
EAL 4

Bonn, 1 June 2016

The Federal Office for Information Security



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], its Security Target and the Evaluation Technical Report as outlined in [3].

The vendor for the BCM_SPS02 Secure Processing System with Firmware version 002.010 or 002.020, Broadcom Corporation, 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 BCM_SPS02 Secure Processing System with Firmware version 002.010 or 002.020, was changed due to code fixes and an errata document. Configuration Management procedures required a change in the product identifier. Therefore the version number changed from BCM_SPS02 Secure Processing System with IC Dedicated Software Version 1.0 to BCM_SPS02 Secure Processing System with Firmware version 002.010 or 002.020.

Conclusion

The changes to the TOE are at the level of code fixes and errata. The changes have no effect on assurance. As a result of the changes the configuration list for the TOE has been updated [5].

The Security Target was editorially updated [8].

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.

The resistance to attacks has not been re-assessed in the course of this maintenance process. Therefore, the assurance statement as outlined in the Certification Report BSI-DSZ-CC-0915-2016 dated 25 February 2016 is of relevance and has to be considered when using the product.

References

- [1] Common Criteria document “Assurance Continuity: CCRA Requirements”, Version 2.1, June 2012
- [2] IAR SPS02 Maintenance Impact Analysis from FW 001.010 to FW 002.020, Version 1.2, 27 April 2016
- [3] Certification Report BSI-DSZ-CC-0915-2016 for BCM_SPS02 Secure Processing System with IC Dedicated Software Version 1.0 from Broadcom Corporation, Bundesamt für Sicherheit in der Informationstechnik, 25 February 2016
- [4] Security Target BSI-DSZ-CC-0915-2016, Version 1.0, 2016-02-14, Security Target Lite for the BCM_SPS02, Broadcom Corporation (sanitised public document)
- [5] Configuration list for the BCM_SPS02 with Evaluation Assurance Level EAL5 augmented, Revision 2.1, dated 24 May 2016, Broadcom Corporation (Confidential document)
- [6] List of references for the BCM_SPS02, Revision 4.1, dated 24 May 2016, Broadcom Corporation (Confidential document)
- [7] BCM_SPS02 ERRATA, Version 1.0, 26 June 2016, Broadcom Corporation (confidential document)
- [8] Security Target lite for the BCM_SPS02, Revision 1.1, dated 24 May 2016, Broadcom Corporation (sanitised public document)