Bundesamt
für Sicherheit in der
Informationstechnik

Assurance Continuity Maintenance Report

BSI-DSZ-CC-0861-2014-MA-01

MICARDO V4.0 R1.0 eHC V1.2

from

Morpho Cards GmbH

Common Criteria Recognition
Arrangement
for components up to EAL4

Common Criteria

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-0861-2014.

The certified product itself did not change. The changes are related to the life-cycle of the 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.

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-0861-2014 dated 15 May 2014 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-0861-2014.

Bonn, 30 June 2014

SOGIS Recognition
Agreement

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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 [8].

The vendor for the MICARDO V4.0 R1.0 eHC V1.2, Morpho Cards GmbH, 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 certified product itself did not change. The changes are related to an extension of module production contracted to two external sites certified in the scope of the certificate. These sites are used additonally as external service providers.

According to [1] the evaluation facility SRC Security Research & Consulting GmbH conducted a subset evaluation for the assurance class ALC. This evaluation was based on valid Site Certificates BSI-DSZ-CC-S-0018-2013 [6] and BSI-DSZ-CC-S-0021-2013 [7]. SRC Security Research & Consulting GmbH is an evaluation facility recognised by the certification body of BSI.

The result of the subset evaluation was that the Common Criteria assurance requirements of the baseline certificate BSI-DSZ-CC-0861-2014:

ALC - Life cycle support (ALC_CMC.4, ALC_CMS.4, ALC_DEL.1, ALC_DVS.1, ALC_LCD.1 and ALC_TAT.1) are fulfilled by the site certificates:

No.	Site	Task within the evaluation	Certification ID
1	NedCard BV Bijsterhuizen 25-29 NL-6604LM Wijchen Netherlands	Inlay embedding	BSI-DSZ-CC-S-0018-2013 (valid until 28.05.2015)
2	NedCard Shanghai Microelectronics Co. Ltd. Standardized Plant Building #8 No. 789 Puxing Road Caohejing Hi-Tech Park, EPZ 201114 Shanghai People's Republic of China	Inlay embedding	BSI-DSZ-CC-S-0021-2013 (valid until 26.11.2015)

Conclusion

The certified product itself did not change. The changes are related to module production contracted to two external sites certified in the scope of the certificate. The changes have effect on assurance class ALC only. As a result of the changes in the TOE life-cycle the Evaluation Technical Report [8], the Security Target [4], [5] and the Configuration List [10] have been updated.

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-0861-2014 dated 15 May 2014 is of relevance and has to be considered when using the product. As a result of this maintenance procedure, the Evaluation Technical Report [8] was partially updated concerning the ALC aspects.

Additional obligations and notes for the usage of the product:

All aspects of assumptions, threats and policies as outlined in the Security Target not covered by the TOE itself need to be fulfilled by the operational environment of the TOE.

The customer or user of the product shall consider the results of the certification within his system risk management process. In order for the evolution of attack methods and techniques to be covered, he should define the period of time until a re-assessment for the TOE is required and thus requested from the sponsor of the certificate.

This report is an addendum to the Certification Report [3].

References

[1] Common Criteria document “Assurance Continuity: CCRA Requirements”, version 2.1, June 2012

[2] Impact Analysis Report, MICARDO V4.0 R1.0 eHC V1.2, Version 1.01, 27 June 2014, Morpho Cards GmbH (confidential document)

[3] Certification Report BSI-DSZ-CC-0861-2014 for MICARDO V4.0 R1.0 eHC V1.2, 15 May 2014, Bundesamt für Sicherheit in der Informationstechnik

[4] Security Target BSI-DSZ-CC-0861-2014-MA-01, Version V1.01, 07 May 2014, Security Target - MICARDO V4.0 R1.0 V1.2, Morpho Cards GmbH (confidential document)

[5] Security Target Lite BSI-DSZ-CC-0861-2014-MA-01, Version V1.01, 27 June 2014, Security Target Lite - MICARDO V4.0 R1.0 V1.2, Morpho Cards GmbH

[6] Site Certificate BSI-DSZ-CC-S-0018-2013, Assembly of smartcard ICs, NedCard BV, Bijsterhuizen 25-29, NL-6604LM Wijchen, Netherlands, 29 May 2013

[7] Site Certificate BSI-DSZ-CC-S-0021-2013, Assembly of Smartcards ICs, NedCard Shanghai Microelectronics Co. Ltd., 27 November 2013

[8] Evaluation Technical Report BSI-DSZ-CC-0861-2014-MA-01, MICARDO V4.0 R1.0 eHC V1.2, Version 2.3, 27 June 2014, SRC Security Research & Consulting GmbH (confidential document)

[9] Single Evaluation Report ETR-Part ALC, Version 2.4, 26 June 2014, SRC Security Research & Consulting GmbH (confidential document)

[10] Configuration List, MICARDO V4.0 R1.0 Configuration List (Software Release Sheet - SRS), Version 1.10, 08 May 2014, Morpho Cards GmbH (confidential document)