Assurance Continuity Maintenance Report

BSI-DSZ-CC-0916-2015-MA-02

STARCOS 3.6 COS C1

from

Giesecke+Devrient Mobile Security GmbH

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 developer's 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-0916-2015 updated by a new ETR dated 12 June 2018.

The certified product itself did not change. The changes are related to changes in the sites used to build the TOE. The life cycle security has continuously been assured by site certifications for each site used.

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-0916-2015 dated 7 August 2015 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-0916-2015.

Common Criteria
Recognition Arrangement
recognition for components
up to EAL 2

Bonn, 2 August 2018

The Federal Office for Information Security

DAkkS
Deutsche
Akkreditierungsstelle
D-ZE-19615-01-00

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 STARCOS 3.6 COS C1, Giesecke+Devrient Mobile Security 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 STARCOS 3.6 COS C1 itself did not change.

The changes are related to an update of life cycle security aspects. The ALC re-evaluation was performed by the ITSEF SRC Security Research & Consulting GmbH. The procedure led to an updated version of the Evaluation Technical Report (ETR) [6]. The Common Criteria assurance requirements for ALC are fulfilled as claimed in the Security Target [4].

The sites and related certificates listed in Annex B of Certification Report BSI-DSZ-CC-0916-2015 are replaced by the following development and production sites:

a)   Giesecke+Devrient Mobile Security Development Center Germany, Prinzregentenstrasse 159, 81677 München. (GDSM) Development and Testing. Refer to the Certification BSI-DSZ-CC-S-0083-2017 (incorporates activities afore in scope of BSI-DSZ-CC-S-0017-2014)

b)   Giesecke+Devrient Iberica S.A., Carrer del Número 114, no. 27 / Poligon Pratenc, 08820 El Prat de Llobregat (Barcelona), Spain. (GDIMS) Initialisation. Refer to the Certification CCN-CC-011/2018

c)   Giesecke+Devrient Slovakia, s.r.o., Dolné Hony 11, Slovakia - 949 01 Nitra. (GDSK) Initialisation. Refer to the Certification BSI-DSZ-CC-S-0062-2016

d)   For development and production sites regarding the platform please refer to the Certification Report BSI-DSZ-CC-0879-V3-2018

In their combination, above listed sites fulfil Common Criteria assurance requirements ALC – Life cycle support.

Conclusion

The maintained change is at the level of an update of life cycle security aspects covered by newer site certificates for each site of the life cycle considered herein. The change has no effect on product assurance.

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 <u>not</u> been re-assessed in the course of this maintenance process. The updates on the vulnerability assessment of the hardware as outlined in BSI-DSZ-CC-0879-V2-2015 and BSI-DSZ-CC-0879-V3-2018 were not considered in this maintenance process. Therefore, the assurance statement as outlined in the Certification Report BSI-DSZ-CC-0916-2015 dated 7 August 2015 is of relevance and has to be considered when using the product.

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.

Additional Note: The strength of the cryptographic algorithms was not rated in the course of the product certification and this maintenance procedure (see BSIG1 Section 9, Para. 4, Clause 2).

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, STARCOS 3.6 COS C1, Version 1.3, 7 May 2018, G+D Mobile Security GmbH (confidential document)

[3] Certification Report BSI-DSZ-CC-0916-2015 for STARCOS 3.6 COS C1 from Giesecke+Devrient Mobile Security GmbH, 7 August 2015, Bundesamt für Sicherheit in der Informationstechnik
amended by the Assurance Continuity Maintenance Report BSI-DSZ-CC-0916-2015-MA-01 dated 28 January 2016

[4] Security Target Lite BSI-DSZ-CC-0916, Security Target Lite STARCOS 3.6 COS C1, Version 1.5, 31 July 2015, Giesecke+Devrient Mobile Security GmbH (sanitised public document)

[5] Configuration List STARCOS 3.6 COS C1, Version 1.7, 7 May 2018, Giesecke+Devrient Mobile Security GmbH (Confidential document)

[6] Evaluation Technical Report for STARCOS 3.6 COS C1, BSI-DSZ-CC-0916-2015-MA-02, Version 1.8, 12 June 2018, SRC Security Research & Consulting GmbH (confidential document)