



Assurance Continuity Maintenance Report

BSI-DSZ-CC-1064-2020-MA-01

MTCOS Pro 2.5 EAC with PACE / ST31G480 D01

from

MaskTech International 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-1064-2020.



The certified product itself did not change. The changes are related to an update of life cycle aspects

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-1064-2020 dated 29 September 2020 is of relevance and has to be considered when using the product. Details can be found on the following pages.



Common Criteria
Recognition Arrangement
recognition for components
up to EAL 2 and ALC_FLR
only

This report is an addendum to the Certification Report BSI-DSZ-CC-1064-2020.

Bonn, 27 September 2021

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 MTCOS Pro 2.5 EAC with PACE / ST31G480 D01, MaskTech International 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 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) [5] and an editorial update of the Security Target. The Common Criteria assurance requirements for ALC are fulfilled as claimed in the Security Target [4, 7].

The following site was removed from the list of manufacturers:

HID Global Ireland Teoranta, Ireland, HID Global Ireland Teoranta Pairc Tionscail na Tullaigh Baile na hAbhann Co. Galway, Ireland, Initialization/Pre-personalization

A new audit was performed for the following site:

MaskTech International GmbH, Nordostpark 45, 90411 Nuernberg, Germany, Software Developer Initialization/Pre-personalization Agent

The STAR for ALC-Reuse has been updated [6].

Conclusion

The maintained change is at the level of production sites. 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 not been re-assessed in the course of this maintenance process. Therefore, the assurance statement as outlined in the Certification Report BSI-DSZ-CC-1064-2020 dated 29 September 2020 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.

Some security measures are partly implemented in the hardware and require additional configuration or control or measures to be implemented by the IC Dedicated Support Software or Embedded Software.

For this reason the TOE includes guidance documentation which contains guidelines for the developer of the IC Dedicated Support Software and Embedded Software on how to securely use the microcontroller chip and which measures have to be implemented in the software in order to fulfil the security requirements of the Security Target of the TOE.

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).

For details on results of the evaluation of cryptographic aspects refer to the Certification Report [3] chapter 9.2.

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

1 Act on the Federal Office for Information Security (BSI-Gesetz - BSIG) of 14 August 2009, Bundesgesetzblatt I p. 2821

References

- [1] Common Criteria document “Assurance Continuity: CCRA Requirements”, version 2.1, June 2012
- [2] CHANGES AND IMPACT ANALYSIS, MTCOS Pro 2.5 EAC with PACE / ST31G480 D01, MaskTech International GmbH, Version 1.0, 01 June 2021 (confidential document)
- [3] Certification Report BSI-DSZ-CC-1064-2020 for MTCOS Pro 2.5 EAC with PACE / ST31G480 D01, Bundesamt für Sicherheit in der Informationstechnik, 29 September 2020
- [4] Security Target – MTCOS Pro 2.5 EAC with PACE / ST31G480 D01, MaskTech International GmbH, Public version 1.5, 01 June 2021 (public document)
- [5] Evaluation Technical Report (ETR), Version 1.0, 02 September 2021, SRC Security Research & Consulting GmbH (confidential document)
- [6] Evaluation Report CC Site Technical Audit Report - STAR for Site Audit performed during product evaluation of MTCOS Pro 2.5 EAC with PACE / ST31G480 D01, Certification ID BSI-DSZ-CC-1064-MA-01, 02 September 2021, Version 1.0 (confidential document)
- [7] Security Target – MTCOS Pro 2.5 EAC with PACE / ST31G480 D01, MaskTech International GmbH, 0.16, 01 June 2021 (confidential document)