

Assurance Continuity Maintenance Report

BSI-DSZ-CC-1015-V2-2020-MA-01

Digital Tachograph DTCO 1381, Release 3.0b

from

Continental Automotive Technologies GmbH



SOGIS
Recognition Agreement

The IT product identified in this report was assessed according to the procedures on Assurance Continuity [1] 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-1015-V2-2020.

The change to the certified product is at the level of Implementation and Life Cycle. The identification of the maintained product is indicated by a new version number compared to the certified product.

Considering 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-1015-V2-2020 dated 16 April 2020 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-1015-V2-2020.



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

Bonn, 23 April 2024

The Federal Office for Information Security



Assessment

The IT product identified in this report was assessed according to the procedures on Assurance Continuity [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 Digital Tachograph DTCO 1381, Release 3.0b, Continental Automotive Technologies GmbH, submitted an IAR [2] to the BSI for approval. The IAR is intended to satisfy the requirements according to the procedures on Assurance Continuity [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 Digital Tachograph DTCO 1381, Release 3.0b was changed due to

- the change of the company name from “Continental Automotive GmbH” to “Continental Automotive Technologies GmbH”
- modifications in the software implementation and hardware that have no effect on assurance.

Configuration Management procedures required a change in the product identifier. Therefore the release changed from DTCO 1381 Release 3.0a to release DTCO 1381 Release 3.0b and the software version number from version 03.00.41 to 03.00.42.

The Security Target [5] was editorially updated.

Furthermore the changes are related to including an additional development site that is already evaluated into the scope of the certificate:

- Continental Automotive Components (India) Private Ltd, 12th Floor Sattva South Gate, Plot No.1, Veerasandra Industrial Area, Survey nos. 17, 18, 19 and 20, Veerasandra Village, Hosur Main Road, Attibele Hobli, Anekal Taluk, Bangalore District – 560100, India (software testing), BSI-DSZ-CC-1131-V2-2023 (this site is also valid for DTCO evaluations)

In comparison to BSI-DSZ-CC-1131-V2-2023, there is an editorial change to the address here and the Site Visit Report [7] was editorially updated, too.

Conclusion

The maintained change is at the level of implementation. The change has no effect on product assurance.

Considering 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-1015-V2-2020 dated 16 April 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.

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 2.2, 30 September 2021
Common Criteria document “Assurance Continuity: SOG-IS Requirements”, version 1.0, November 2019
- [2] Impact Analysis Report for DTCO 1381, Release 3.0b, Version 1.4, 5 March 2024, Continental Automotive GmbH (confidential document)
- [3] Certification Report BSI-DSZ-CC-1015-V2-2020 for Digital Tachograph DTCO 1381, Release 3.0a, Bundesamt für Sicherheit in der Informationstechnik, 16 April 2020
- [4] Security Target BSI-DSZ-CC-1015-V2-2020, Version 1.2, 03 February 2020, Digital Tachograph DTCO 1381 Security Target, Continental Automotive GmbH
- [5] Security Target DTCO 1381, Digital Tachograph 1381 Rel. 3.0b, Version 1.3, 26 September 2023, Continental Automotive GmbH
- [6] Configuration list for the TOE, Version 1.8.1.8, 1 March 2024, Konfigurationsliste zu DTCO 1381 Release 3.0b, Continental Automotive GmbH (confidential document)
- [7] Site Visit Report Bangalore, Version 1.1, 19 March 2024, Deutsche Telekom Security GmbH (confidential document)
- [8] Bewertung des IARs zum Smart Tachograph DTCO 1381 R3.0b auf Basis des Dokuments “Impact Analysis Report, Version 1.4, 2024-03-05”, Version 1.0, 9 March 2021, Deutsche Telekom Security GmbH (confidential document)