



## Assurance Continuity Maintenance Report

**BSI-DSZ-ITSEC-0681-2011-MA-01**  
**KITAS 2171 Motion Sensor Version 1.11**  
from  
**Continental Automotive GmbH**



**SOGIS-MRA**  
for components up to E3 basic

The IT product identified in this report was assessed according to the *Assurance Continuity: CCRA Requirements*, version 1.0, February 2004 and the developers Impact Analysis Report (IAR). The process was adapted to ITSEC and ITSEM specific requirements for re-evaluation (ITSEM annex 6.D). 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-ITSEC-0681-2011.

The change to the certified product is at the level of user documentation in order to clarify the method of checking the motion sensor KITAS 2171, a change that has no effect on assurance. The TOE did not change.

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, the assurance as outlined in the Certification Report BSI-DSZ-ITSEC-0681-2011 is maintained for this version of the product. Details can be found on the following pages.

This report is an addendum to the Certification Report BSI-DSZ-ITSEC-0681-2011.

Bonn, 14 February 2013

## Assessment

The IT product identified in this report was assessed according to the *Assurance Continuity: CCRA Requirements* [1], adapted to ITSEM annex 6.D and the Impact Analysis Report (IAR) [4]. The baseline for this assessment was the Certification Report of the certified product (Target of Evaluation, TOE) [5], the Security Target [6] and the Evaluation Technical Report as outlined in [7].

The vendor for the KITAS 2171 Motion Sensor Version 1.11, Continental Automotive GmbH, submitted an IAR [4] to the BSI for approval. The IAR is intended to satisfy requirements outlined in the document *Assurance Continuity: CCRA Requirements* [1], adapted to ITSEM annex 6.D. 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.

Both user documentation [8] and [9] of KITAS 2171 Motion Sensor Version 1.11 was changed in order to clarify the method of checking the motion sensor. The changes of both documents have no effect on assurance. The TOE did not change. The change is not significant from the standpoint of security.

## Conclusion

The change to the TOE is at the level of only very specific minor changes on user documentation. Both user documentation (the technical description [8] and the Leitfaden für Kontrollorgane [9]), was changed in order to clarify the method of checking the motion sensor KITAS 2171 Motion Sensor Version 1.11. Therefore the changes of both documents have no effect on assurance of the TOE (KITAS 2171). Examination of the evidence indicates that the change required is limited to the updated user documentation. The TOE did not change. The Security Target [6] is still valid. 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 [5] is maintained for this version of the product. This report is an addendum to the Certification Report [5].

## References

- [1] Common Criteria document CCIMB-2004-02-009 "Assurance Continuity: CCRA Requirements", version 1.0, February 2004
- [2] Information Technology Security Evaluation Criteria (ITSEC), Version 1.2, June 1991
- [3] Information Technology Security Evaluation Manual (ITSEM), Version 1.0, September 1993

- [4] KITAS 2171 Sensor v. 1.11, Motion Sensor Impact Analysis Report, Release 1.9, 2013-02-07 (confidential document)
- [5] Certification Report BSI-DSZ-ITSEC-0681-2011; KITAS 2171 Motion Sensor, Version 1.11 from Continental Automotive GmbH, Bundesamt für Sicherheit in der Informationstechnik, 2011-01-13
- [6] Security Target, KITAS 2171, Version 1.11, Digital Tachograph - Motion Sensor, Version 1.5, 2011-01-10, Continental Automotive GmbH
- [7] Technischer Evaluationsbericht, Geschwindigkeits- und Weggeber KITAS 2171, Version 1.11 Continental, Version 1.2, 2011-01-12, T-Systems (Confidential document)
- [8] Technische Beschreibung DTCO 1381 Rel.2.1 TD00.1381.21100101-40621407OPM000 AB, Ausgabe 04, 2013, Continental Automotive GmbH
- [9] Leitfaden für Kontrollorgane: BA00.1381.21201101, Ausgabe 04, 2013