

Assurance Continuity Reassessment Report

BSI-DSZ-CC-0919-V3-2023-RA-01

CASA 1.0

(SW: 31000000__X026d, 31000000__X026e,
31000000__X026f
HW: 10 301, 10302, 10 303, 10 304)

CASA 1.1

(SW: 31000000__X026d, 31000000__X026e,
31000000__X026f
HW: 11 301, 11 302)

from

EMH metering GmbH & Co. KG



SOGIS
Recognition Agreement
for components up to
EAL 4

The IT product identified in this report certified under the certification procedure BSI-DSZ-CC-0919-V3-2023 amended by Assurance Maintenance Procedures [6] has undergone a re-assessment of the vulnerability analysis according to the current state of the art attack methods according to the procedures on Assurance Continuity [5], based on the Security Target [7].



This reassessment confirms resistance of the product against attacks on the level of AVA_VAN.5 as stated in the product certificate.

More details are outlined on the following pages of this report.

This report is an addendum to the Certification Report BSI-DSZ-CC-0919-V3-2023.



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

Bonn, 1 October 2025

The Federal Office for Information Security



Assessment

The reassessment was performed based on CC [1], CEM [2], according to the procedures on Assurance Continuity [5] and relevant AIS [4] and according to the BSI Certification Procedures [3] by the ITSecurity Evaluation Facility (ITSEF) , approved by BSI.

The results are documented in an updated version of the ETR [8].

Within the scope of this reassessment the guidance documentation related to the product has not been updated.

Regarding cryptographic security functionality:

Cryptographic security functionality as well is considered within the scope of a reassessment.

No changes applied regarding cryptographic security functionality. The previous certification report [6] still applies in that regard.

Regarding assurance class life cycle (ALC):

The assurance class ALC as well is considered within the scope of a reassessment.

No changes applied to the assurance aspect ALC. The previous certification report [6] still applies in that regard.

Conclusion

This reassessment confirms resistance of the product against attacks on the level AVA_VAN.5 as claimed in the Security Target [7].

The obligations and recommendations as outlined in the certification and maintenance reports [6] are still valid and have to be considered.

The obligations and recommendations as outlined in the guidance documentation [9] and [10] have to be considered by the user of the product.

The assessment on TOE cryptographic security functionality did not change in comparison to the previous certification [6].

Bibliography

- [1] Common Criteria for Information Technology Security Evaluation, Version 3.1, Part 1: Introduction and general model, Revision 5, April 2017
Part 2: Security functional components, Revision 5, April 2017
Part 3: Security assurance components, Revision 5, April 2017
<http://www.commoncriteriaportal.org>
- [2] Common Methodology for Information Technology Security Evaluation (CEM), Evaluation Methodology, Version 3.1, Revision 5, April 2017,
<http://www.commoncriteriaportal.org>
- [3] BSI certification: Scheme documentation describing the certification process (CC-Produkte) <https://www.bsi.bund.de/zertifizierung>
- [4] Application Notes and Interpretations of the Scheme (AIS) as relevant for the TOE¹ <https://www.bsi.bund.de/AIS>
- [5] Common Criteria document "Assurance Continuity: CCRA Requirements", version 3.0, 2023-03-09,
Common Criteria document "Assurance Continuity: SOG-IS Requirements", version 1.1, June 2023
- [6] Certification Report BSI-DSZ-CC-0919-V3-2023 for CASA 1.0 and CASA 1.1, Bundesamt für Sicherheit in der Informationstechnik, 02 October 2023
amended by the following Assurance Maintenance Reports:
BSI-DSZ-CC-0919-V3-2023-MA-01
BSI-DSZ-CC-0919-V3-2023-MA-02
BSI-DSZ-CC-0919-V3-2023-MA-03
- [7] Security Target BSI-DSZ-CC-0919-V3-2023-MA03, CASA 1.0 and CASA 1.1
Security Target, Version 3.10, 03 December 2024, EMH metering GmbH & Co. KG
- [8] Evaluation Technical Report, Version 1, 04 September 2025, TÜV Informationstechnik GmbH (confidential document)
- [9] CASA 1.0 und CASA 1.1 Benutzerhandbuch für Letztverbraucher, Version 1.63, 03 December 2024, EMH metering GmbH & Co. KG
SHA-256 hash:
a46b0c2c9524fff35a994bbda1dae8c1d80dd6d5ebf3698d81fcb663c64fb70
- [10] CASA 1.0 und CASA 1.1 Installations- und Konfigurationshandbuch für Service-Techniker und Gateway-Administratoren, Version 1.63, 03 December 2024, EMH metering GmbH & Co. KG
SHA-256 hash:
5237a602c2a9a2915c4be87a4cc5178e5464842cd842506a6845a4ac52b0f876

¹ specifically

- AIS 34, Version 3, Evaluation Methodology for CC Assurance Classes for EAL 5+ and EAL 6