



Assurance Continuity Maintenance Report

BSI-DSZ-CC-0831-2018-MA-01

SMGW Integrationsmodul, Version 1.0 and 1.0.1,

from

OpenLimit SignCubes AG

sponsored by

Power Plus Communications AG



SOGIS
Recognition Agreement
for components up to
EAL 4

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-0831-2018.

One change to the certified product is at the level of the WAN communication adapters, which are not part of the TOE.

The second change is at the level of the TOE power supply unit.

The third change is at the level of the TOE guidance documentation.

The identification of the maintained product is partly indicated by a new version number compared to the certified product.

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-0831-2018 dated 12 December 2018 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-0831-2018.

Bonn, 18 April 2019

The Federal Office for Information Security



Common Criteria



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



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 SMGW Integrationsmodul, Version 1.0 und Version 1.0.1, OpenLimit SignCubes AG and Power Plus Communications AG, 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 SMGW Integrationsmodul, Version 1.0 was changed to include a CDMA WAN communication adapter, which is not part of the TOE.

Furthermore, a powerWAN-Ethernet communication adapter was added in the TOE environment, which lead to a changed TOE power supply unit.

Finally, the guidance documentation [6] – [9] was updated to reflect the new communication adapters and to include a minor change in the delivery procedure.

In case of the TOE hardware change, configuration management procedures required a change in the product identifier. Therefore, the new version number 1.0.1 was added in parallel to the old version 1.0.

The Security Target [4] was editorially updated.

Conclusion

The maintained changes are at the level of non-TOE hardware, TOE hardware and guidance documentation.

The changes have no effect on product assurance, but the updated guidance documentation has to be followed.

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-0831-2018 dated 18 December 2018 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 2.1, June 2012
- [2] Impact Analysis Report, Maintenance-Verfahren, SMGW Integrationsmodul Version 1.0.1, Version 1.4, 02 April 2019 (confidential document)
- [3] Certification Report BSI-DSZ-CC-0831-2018 for SMGW-Integrationsmodul, Version 1.0, Bundesamt für Sicherheit in der Informationstechnik, 18 December 2018
- [4] Security Target SMGW Integrationsmodul Version 1.0, SMGW Integrationsmodul Version 1.0.1, Version 3.1, 09 April 2019
- [5] Configuration list for the TOE, 2018-10-08 (confidential document)
- [6] Handbuch für Verbraucher, Smart Meter Gateway, Version 3.6, 08 April 2019
- [7] Handbuch für Service-Techniker, Smart Meter Gateway, Version 3.8, 08 April 2019
- [8] Handbuch für Hersteller und Betreiber von Smart-Meter Gateway-Administrations-Software, Smart Meter Gateway, Version 3.4, 08 April 2019
- [9] Auslieferungs- und Fertigungsprozeduren, Anhang Sichere Auslieferung, SMGW Integrationsmodul Version 1.0, SMGW Integrationsmodul Version 1.0.1, Version 1.0, 05 April 2019