



## Assurance Continuity Maintenance Report

**BSI-DSZ-CC-1043-2018-MA-01**

**DERMALOG Fingerprint PAD Kit ZF1/F1**

**Hardware: ZF1, Part-No. 9014-0007-00; F1, Part-No. 9024-0009-00**

**Software: DermalogBPZF1Plugin, V 1.4.3.1837**

**DermalogFakeFingerDetectionZF1Plugin, V 1.3.1.1817**

**DermalogAuditLogger, V 1.1.3.1827**

from

**DERMALOG Identification Systems 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-1043-2018.

The change to the certified product is at the level of improvement of the usability of the TOE and bug fixing. The identification of the maintained product is 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-1043-2018 dated 20 August 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-1043-2018.

Bonn, 12 September 2019

The Federal Office for Information Security



Common Criteria  
Recognition Arrangement



## 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 DERMALOG Fingerprint PAD Kit ZF1/F1, DERMALOG Identification Systems 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 DERMALOG Fingerprint PAD Kit ZF1/F1 was changed in order to

- enable the relocation of TOE configuration files
- improve of the capturing of small fingerprints
- fix a bug within the low level USB handling of the device.

Configuration Management procedures required a change in the product identifier. Therefore the version number changed from

Hardware: ZF1, Part-No. 9014-0005-02

F1, Part-No. 9024-0002-01

Software: DermalogBPZF1Plugin, V 1.2.5.1817

DermalogFakeFingerDetectionZF1Plugin, V 1.3.1.1817

DermalogAuditLogger, V 1.0.1.1803

to

Hardware: ZF1, Part-No. 9014-0007-00

F1, Part-No. 9024-0009-00

Software: DermalogBPZF1Plugin, V 1.4.3.1837

DermalogFakeFingerDetectionZF1Plugin, V 1.3.1.1817

DermalogAuditLogger, V 1.1.3.1827.

The Security Target [4] was editorially updated to [6].

The first change also led to an update of the user guidance [5] in chapter 4.

## Conclusion

The maintained change is at the level of improvement of the usability of the TOE and bug fixing. The change has 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-1043-2018 dated 20 August 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.

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

## References

- [1] Common Criteria document “Assurance Continuity: CCRA Requirements”, version 2.1, June 2012
- [2] Impact Analysis Report DERMALOG Fingerprint PAD Kit ZF1/F1, Version 1.9, 06 September 2019, DERMALOG Identification Systems GmbH (confidential document)
- [3] Certification Report BSI-DSZ-CC-1043-2018 for DERMALOG Fingerprint PAD Kit ZF1/F1 – ZF1, Part-No. 9014-0005-02; F1, Part-No. 9024-0002-01; DermalogBPZF1Plugin, V 1.2.5.1817; DermalogFakeFingerDetectionZF1Plugin, V 1.3.1.1817; DermalogAuditLogger, V 1.0.1.1803, Bundesamt für Sicherheit in der Informationstechnik, 20 August 2018
- [4] Security Target DERMALOG Fingerprint PAD Kit ZF1/F1, Version 3.7, 14 August 2018, DERMALOG Identification Systems GmbH
- [5] Guidance Addendum DERMALOG Fingerprint PAD Kit, Version 3.1, 23 April 2019, DERMALOG Identification Systems GmbH
- [6] Security Target DERMALOG Fingerprint PAD Kit ZF1/F1, Version 3.9, 06 September 2019, DERMALOG Identification Systems GmbH