

Assurance Continuity Maintenance Report

TnD v5.1 on ID-One Cosmo J (PACE/EAC1/Polymorphic eMRTD/LDS2 configuration)

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1 Summary

The IT product identified in this report was assessed according to the Assurance Continuity: CCRA Requirements [AC], the developer's Impact Analysis Report [IAR] and evaluator's IAR Analysis [IA]. The baseline for this assessment was the Certification Report [CR], the Security Target and the Evaluation Technical Report of the product certified by the NSCIB under NSCIB-CC-21-0237695.

The changes to the certified product are related to a minor change in the TOE software not impacting the security functionality of the certified product. The identification of the maintained product is modified to TnD v5.1 on ID-One Cosmo J (PACE/EAC1/Polymorphic eMRTD/LDS2 configuration).

Consideration of the nature of the changes leads to the conclusion that they can be classified as minor changes 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 as outlined in the Certification Report [CR] is maintained for the new version of the product.

This report is an addendum to the Certification Report NSCIB-CC-0237695-CR [CR] and reproduction is authorised provided the report is reproduced in its entirety.

2 Assessment

2.1 Introduction

The IT product identified in this report was assessed according to the Assurance Continuity: CCRA Requirements [AC], the developer's Impact Analysis Report [IAR] and evaluator's IAR Analysis [IA]. The baseline for this assessment was the Certification Report [CR], the Security Target and the Evaluation Technical Report of the product certified by the NSCIB under NSCIB-CC-21-0237695.

On 02 July 2021 IDEMIA submitted a request for assurance maintenance for the TnD v5.1 on ID-One Cosmo J (PACE/EAC1/Polymorphic eMRTD/LDS2 configuration).

NSCIB has assessed the [IAR] according to the requirements outlined in the document Assurance Continuity: CCRA Requirements [AC].

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.

This is supported by the evaluator's IAR Analysis [IA].

2.2 Description of Changes

The TOE is a composite product that consists of an IDEMIA applet named TnD v5.1 and its supporting library packages on top of the NXP JCOP 4 P71 contact/contactless chip platform. The original evaluation of the TOE was conducted as a composite evaluation and used the results of the CC evaluation of the underlying platform certified as described in [PF-CERT].

The changes to the certified product as described in the [IAR] are only related to minor fixes that do not impact security in a negative way. This update to the software was classified by developer [IAR] and original evaluator [IA] as minor changes with no impact on security.

Configuration Management procedures required a change in the product identifier. Therefore the name was modified to TnD v5.1 on ID-One Cosmo J (PACE/EAC1/Polymorphic eMRTD/LDS2 configuration) to include the minor fixes. An update of the guidance documentation was needed to refer to the TOE name.

The configuration list for the TOE has been updated as a result of the changes to include the updated Security Target [ST].

3 Conclusion

Consideration of the nature of the changes leads to the conclusion that they can be classified as minor changes 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 as outlined in the Certification Report [CR] is maintained for this version of the product.

4 Bibliography

This section lists all referenced documentation used as source material in the compilation of this report:

- [AC] Assurance Continuity: CCRA Requirements, 2012-06-01, Version 2.1, June 2012
- [CR] Certification Report TnD v5.1 on COSMO J in EAC with PACE Configuration, NSCIB-CC-0237695-CR, 22 April 2021
- [IA] Evaluator Assessment of Changes Report (EAR) TnD v5.1 on ID-One Cosmo J (203462FF) – Partial ETR, 21-RPT-784, Version 1.0, 30 July 2021
- [IAR] Impact Analysis Report (IAR) COSMO J TnD V5.1, 220 1648, Issue 4, 23 June 2021 (confidential document)
- [PF-CERT] Certification Report. Certification Report JCOP 4 P71, NSCIB-CC-180212-CR3, v1, 01 March 2021
- [PF-ETRFc] Evaluation Technical Report for Composition NXP “JCOP 4 P71” – EAL6+, 19-RPT-177, v8.0, 25 February 2021.
- [PF-ST] JCOP 4 P71, Security Target Lite, Rev. 4.1, 12 February 2021
- [NSCIB] Netherlands Scheme for Certification in the Area of IT Security, Version 2.5, 28 March 2019
- [ST] Security Target TnD v5.1 on ID-One Cosmo J (PACE/EAC1/Polymorphic eMRTD/LDS2 configuration), FQR 220 1510, Ed 11, 27 July 2021
- [ST-lite] TnD v5.1 on ID-One Cosmo J (PACE/EAC1/Polymorphic eMRTD/LDS2 configuration) Public Security Target, FQR 550 0184, Ed 2, 27 July 2021.

(This is the end of this report).