Assurance Continuity Maintenance Report

ID-ONE Cosmo V9 Essential version 3 (Cosmo V9)

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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-18-200833.

The changes to the certified product are related to changes of development and personalisation sites with no change to the software and not impacting the security functionality of the certified product. The identification of the maintained product is modified to ID-ONE Cosmo V9 Essential version 3 (Cosmo V9).

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-200833-CR *[CR]* and reproduction is authorised provided the report is reproduced in its entirety.

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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-18-200833.

On 27 March 2019 Idemia submitted a request for assurance maintenance for the ID-ONE Cosmo V9 Essential version 3 (Cosmo V9).

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 composite TOE, consisting of a Java Card smart card operating system and an underlying platform, which is a secure micro controller. The TOE provides Java Card 3.0.5 functionality with post-issuance applet loading, card content management and secure channel features as specified in Global Platform 2.3 including SCP03. The original evaluation of the TOE was conducted as a composite evaluation and used the results of the CC evaluation of the underlying hardware certified as described in *[HW CERT]*.

The changes to the certified product as described in the *[IAR]* are only related to introduction of development and personalisation sites. This update to the sites involved in the TOE lifecycle was classified by developer *[IAR]* and original evaluator *[IA]* as minor changes with no impact on security.

There are no changes in the software components of the TOE and no change to the Security Target *[ST]* and *[ST-lite]*. The *[ETRfc]* was updated to reflect the new sites related to the TOE lifecycle.

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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 ID-ONE Cosmo V9 Essential version 3 (Cosmo V9), NSCIB-CC-200833-CR, issued 11 December 2018
[ETRfC]	Evaluation Technical Report for Composition ID-ONE COSMO V9 ESSENTIAL – EAL5+, document reference 18-RPT-647, version 6.0 dated 29 July 2019
[IA]	IAR Analysis by lab, Evaluator Assessment Report ID-One COSMO V9 ESSENTIAL, 19-RPT-619, v2.0, 29 July 2019
[IAR]	ID-ONE COSMO V9 ESSENTIAL Impact Analysis Report, issue 1, 16 March 2019 (confidential document)
[HW-CERT]	BSI-DSZ-CC-0945-V2-2018 for Infineon smart card IC (Security Controller) IFX_CCI_000003h, 000005h, 000008h, 00000Ch,000013h, 000014h, 000015h, 00001Ch, 00001Dh,000021h, 00022Dh, design step H13 with optional libraries CCL V2.0.0002, RSA2048/4096 V2.07.003 /V2.06.003, EC V2.07.003 / V2.06.003, ToolboxV2.07.003 / V2.06.003, HSL V02.01.6634 /V01.22.4346, MCS V02.02.3389 / V02.03.3446, SCL V2.02.010 and with specific IC dedicated software from Infineon Technologies AG, compliant to security IC Platform Protection Profile with Augmentation Packages Version 1.0, 13 January 2014, BSI-CC-PP-0084-2014 Assurance: Common Criteria Part 3 conformant EAL 6 augmented by ALC_FLR.1, certificate date 20-04-2018
[NSCIB]	Netherlands Scheme for Certification in the Area of IT Security, Version 2.5, 28 March 2019
[ST]	SECURITY TARGET «SCYLLA» COSMO V9 ESSENTIAL,document reference FQR 110 8779 Ed 2.0, dated 10 December 2018
[ST-lite]	ID-ONE COSMO V9 ESSENTIAL – Public Security Target, document reference FQR 110 8959 Ed 3.0 - I1.0, dated 10 December 2018

(This is the end of this report).