Assurance Continuity Maintenance Report

SafeSign IC PKI applet on JCOP 4 P71 eIDAS QSCD v3.0.1.12 and v3.0.1.13

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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 assessment *[EA].* 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 CC-21-0274076.

The changes to the certified product are related to additional usage in combination with the updated underlying hardware without change of the software. The identification of the maintained product is modified to SafeSign IC PKI applet on JCOP 4 P71 eIDAS QSCD v3.0.1.12 and v3.0.1.13.

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-0274076-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 assessment [EA]. 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 CC-21-0274076.

On 25 October 2022 A.E.T. Europe B.V. submitted a request for assurance maintenance for the SafeSign IC PKI applet on JCOP 4 P71 eIDAS QSCD v3.0.1.12 and v3.0.1.13.

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 assessment *[EA]*.

2.2 Description of Changes

The TOE consists of a Java Card applet on top of a Java Card OS and native OS on top of a micro controller. The applet provides PKI and PKCS#15 functionality. The TOE provides the functionality of an eIDAS QSCD with protection of private key material and qualified certificates. In order for applications to communicate with the TOE, the appropriate middleware is required. Any reference to QSCD in the reports should be understood to refer to both qualified signature and seal creation devices.

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 additional usage in combination with the updated hardware. The update to the hardware was classified by developer *[IAR]* and original evaluator *[EA]* as a minor change to this composite TOE, with no impact on security. There are no changes in the software component of the TOE.

Configuration Management procedures required the introduction of an additional product identifier, namely "v3.0.1.13". Therefore, the name was modified to SafeSign IC PKI applet on JCOP 4 P71 eIDAS QSCD v3.0.1.12 and v3.0.1.13 to include the updated hardware component. An update of the security target and guidance documentation was made to reflect the inclusion of the additional TOE identifier.

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
[AGD_OPE]	Operational Guidance SafeSign IC eIDAS QSCD on JCOP4 P71 v1.3, 16 December 2022
[AGD_PRE]	Preparative Procedures SafeSign IC eIDAS QSCD on JCOP4 P71 v1.3, 16 December 2022
[CR]	Certification Report SafeSign IC PKI applet on JCOP 4 P71 eIDAS QSCD v3.0.1.12, NSCIB-CC-0274076-CR, version 2, 06 February 2022
[EA]	NSCIB-CC-0274076 Impact Assessment Report v.0.6 review, 19 December 2022
[IAR]	SafeSign IC v3.0.1.13 on JCOP 4 P71 Impact Analysis Report, v0.6, 16 December 2022
[HW-CERT]	Certification Report. JCOP 4 P71, NSCIB-CC-180212-CR5, version 1, 26 September 2022
[NSCIB]	Netherlands Scheme for Certification in the Area of IT Security, Version 2.5, 28 March 2019
[ST]	SafeSign IC PKI applet on JCOP 4 P71 eIDAS QSCD Security Target, v1.9, 16 December 2022

(This is the end of this report).