

XSmart e-Passport V1.4 BAC with AA on M7892

LG CNS

Certificate Effectiveness Maintenance Report

Certification No : KECS-ISIS-0676-2015

December 2017



IT Security Certification Center

1. TOE

XSmart e-Passport V1.4 BAC with AA on M7892

2. Date of Application

28 September 2017

3. Date of Approving

20 December 2017

4. Overview

The changed TOE is XSmart e-Passport V1.4 BAC with AA on M7892. The change to the certified product has no effect on assurance. Therefore, the assurance as outlined in the Certification Report KECS-ISIS-0676-2015 is maintained for this version of the product.

This report is an addendum to Certification Report KECS-ISIS-0676-2015.

5. Changes to TOE

The maximum size of data frame supported by the TOE during contactless communication with the terminal has been changed. The changed TOE is identified as follows:

	Identifier	Release	Delivery Form
TOE	XSmart e-Passport V1.4 BAC with AA on M7892		IC Chip Module
	- Release Number : R1		(Note: The SW is

	Identifier	Release	Delivery Form
	<ul style="list-style-type: none"> - Release Date : 2017.09.29 - e-Passport_V14R1_CLFX2400P.hex (implemented on 78CLFX2400P) - e-Passport_V14R1_CLFX3000P.hex (implemented on 78CLFX3000P) - e-Passport_V14R1_CLFX4000P.hex (implemented on 78CLFX4000P) 		contained in FLASH memory, but without passport booklet and the inlay embedded in the passport booklet.)
IC chip	Infineon Security Controller M7892 B11 with optional RSA2048/4096 v1.02.013, EC v1.02.013,SHA-2 v1.01 and Toolbox v1.02.013 libraries and with specific IC dedicated software (firmware)	B11	
	RSA Library	v1.02.013	
	EC Library	v1.02.013	
	SHA-2 Library	V1.01	
DOC	Operational User Guidance : XSmart e-Passport V1.4_AGD(BAC with AA)_V1.5	V1.5	Softcopy or Hardcopy

6. Assessment

The sponsor for XSmart e-Passport V1.4 BAC with AA on M7892 submitted IAR [2] to IT Security Certification Center for approval. The IAR is intended to satisfy the requirements outlined in the document Assurance Continuity [1]. The IAR includes the following items;

- A. The changes made to the certified TOE
- B. The evidence updated as a result of the changes and,
- C. The security impact of the changes

And the regression testing was conducted to be sure that it works.

The Security Target[3] is correctly updated.

7. Conclusion

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.

Therefore, IT Security Certification Center agrees that the assurance as outlined in the Certification Report [4] is maintained for this version of the product.

8. References

[1] Assurance Continuity: CCRA Requirements, Version 2.1, June 2012

[2] XSmart e-Passport V1.4 BAC with AA on M7892 Security Impact Analysis Report, V1.2, 11 December 2017

[3] XSmart e-Passport V1.4 BAC with AA on M7892 Security Target Lite V1.7, 11 December 2017

[4] XSmart e-Passport V1.4 BAC with AA on M7892 Certification Report (KECS-ISIS-0676-2015), 15 December 2015