

Samsung Multifunction MultiXpress X4220,
X4250, X4300, X401, K4250, K4300, K4350,
K401 Series

Samsung Electronics Co., Ltd.

Certificate Effectiveness Maintenance Report

Certification No : KECS-CISS-0547-2014

July 2016



IT Security Certification Center

1. TOE

Samsung Multifunction MultiXpress X4220, X4250, X4300, X401, K4250, K4300, K4350, K401 Series

2. Date of Application

16 June 2016

3. Date of Activity

22 July 2016

4. Overview

The Target of Evaluation (TOE) is an embedded software product for MFPs (Multi-Function Peripherals) as an IT product. It controls the operation of the entire MFP, including copy, print, scan, and fax functions on the MFP controller.

The change to the certified product has no effect on assurance. Therefore, the assurance as outlined in the Certification Report KECS-CISS-0547-2014 is maintained for this version of the product.

This report is an addendum to Certification Report KECS-CISS-0547-2014.

5. Changes to TOE

The certified TOE comprises the following eight MFP models:

- X4220 , X4250, X4300, X401, K4250 , K4300, K4350, K401

The following one MFP model is newly added and the specification is as follows:

- X400LX

Model	X400LX
Color /Mono	Color
PPM	24ppm

Processor	Chorus4N (Dual Core : Cortex-A9 1000MHz, ARM9 250MHz)
RAM	DDR3 2,048MB
ROM	NAND 128MB
Interface	High-Speed USB 2.0 Host, High-Speed USB 2.0 Peripheral, Ethernet 10/100/1000 Base TX
FAX	Option Kit, ITU-T G3, Super G3, 33.6 Kbps, MH/MR/MMR/JBIG
HDD	SATA2 320 GB
Display	10.1" 1024 x 600 WSVGA TFT Color Graphic LCD with Touch-Screen, 24-bit color

[Table 1] Specification for added MFP Model(X400LX)

In addition, the implementation changes are related to the non-TOE functions provided by the MFP. Therefore, these implementation changes have no effect on the security functions provided by the TOE.

TOE version for the changed TOE is identified as follows:

Certified TOE	B6.09
Changed TOE	B6.50

6. Assessment

The vendor for Samsung Multifunction MultiXpress X4220, X4250, X4300, X401, K4250, K4300, K4350, K401 Series 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

The vendor changed only two abbreviation terms. The security target[3] is correctly updated.

7. Conclusion

The change to the TOE is to hardware models and other minor parts. 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] Common Criteria document “Assurance Continuity: CCRA Requirements”, version 2.1, June 2012
- [2] “Samsung Multifunction MultiXpress X4220, X4250, X4300, X401, K4250, K4300, K4350, K401 Series Security Impact Analysis Report V1.2, June 16, 2016
- [3] Samsung Multifunction MultiXpress X4220, X4250, X4300, X401, K4250, K4300, K4350, K401 Series Security Target V1.2, June 16, 2016
- [4] Certification Report, “Samsung Multifunction MultiXpress X4220, X4250, X4300, X401, K4250, K4300, K4350, K401 Series (KECS-CISS-0547-2014)”, November 13, 2014