

KOMSCO JK62 V1.0

KOMSCO

Certificate Effectiveness Maintenance Report

Certification No : KECS-ISIS-1031-2020

August 2023



IT Security Certification Center

1. TOE

KOMSCO JK62 V1.0

2. Date of Application

11 May 2023

3. Date of Approving

4 August 2023

4. Overview

The TOE is a composite product consisting of the Javacard platform developed by KOMSCO and the IC chip, where the IC chip is one of the CC EAL6+ certified IC chips of Infineon.

The changed TOE is KOMSCO JK62 V1.0. The change to the certified product has no effect on assurance. Therefore, the assurance as outlined in the Certification Report KECS-ISIS-1031-2020 is maintained for this version of the product.

This report is an addendum to Certification Report KECS-ISIS-1031-2020.

5. Changes to TOE

The changes to the certified product are

- SLC52GDL448A2 chip was included into TOE scope,
 - The chip is at the same IFX_CCI_000005h family.

- The flash image JK62-160F070D-R1.hex that is software component and implemented on the above SLC52GDL448A2 chip was included into TOE scope
 - There are no changes in the source code of the image and minor changes at the configuration file for generating the flash image to include the chip identifier.
- The guidance and Security Target for the TOE were modified to include the above changes to the TOE.

The changed TOE is identified as follows:

Type	Identifier	Release	Delivery Form
TOE	KOMSCO JK62 V1.0 <ul style="list-style-type: none"> • Flash Images: <ul style="list-style-type: none"> ◦ JK62-160C070D-R1.hex (implemented on SLC52GDL448) ◦ JK62-160F070D-R1.hex (implemented on SLC52GDL448A2) 		
HW/SW (IC chip)	Infineon Security Controller IFX_CCI_000005h in the design step H13 with optional RSA2048 v2.07.003, EC v2.07.003 and HSL v03.11.8339 libraries and with specific ID dedicated software (firmware)	HW Version: H13 FW Version: 80.100.17.0	IC Chip Module (Note: The SW is contained in FLASH memory or delivered via PGP email)
	RSA2048	v2.07.003	
	EC	v2.07.003	
	HSL(Hardware Support Library)	v03.11.8339	
SW	KOMSCO JK62 COS	V1.0	
	<ul style="list-style-type: none"> • Flash Images: <ul style="list-style-type: none"> ◦ JK62-160C070D-R1.hex (implemented on SLC52GDL448) ◦ JK62-160F070D-R1.hex (implemented on SLC52GDL448A2) 		
DOC	[JK62-MA-0001] Preparative procedures	v1.5	Softcopy or Hardcopy
	[JK62-MA-0002] Operational user guidance	v1.5	

6. Assessment

The sponsor for KOMSCO JK62 V1.0 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 2.2, September 2021

[2] KOMSCO JK62 V1.0 Security Impact Analysis Report, V2.0, 2 August 2023

[3] KOMSCO JK62 V1.0 Security Target Lite v1.3, 31 July 2023

[4] KOMSCO JK62 V1.0 Certification Report (KECS-ISIS-1031-2020), 4 August 2020