Maintenance Report

TÜBİTAK BİLGEM UEKAE

AKİS GEZGİN_I SAC&EAC Configuration v1.1.0.0

EAL5+ (ALC_DVS.2, AVA_VAN.5)

21.0.03/18-004-MR-01

issued by

Turkish Standards Institution
Common Criteria Certification Scheme

	BİLİŞİM TEKNOLOJİLERİ TEST VE BELGELENDİRME DAİRESİ BAŞKANLIĞI	Doküman No	BTBD-03-01-FR-42	
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	ORTAK KRİTERLER BELGELENDİRME SİSTEMİ			
	BAKIM RAPORU/			
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	MAINTENANCE REPORT			

1. Introduction

The IT product identified in this report was assessed according to the Assurance Continuity: CCRA Requirements, version 2.1, June 2012 and the developers Impact Analysis Report (IAR). The baseline for this assessment was the Certification Report, the Security Target and the Evaluation Technical Report of the product.

The certified TOE is:

- "AKİS GEZGİN_I SAC&EAC Configuration", v1.0.0.0

The changed TOE is:

- "AKİS GEZGİN_I SAC&EAC Configuration", v1.1.0.0

2. Description of Changes

The change to the certified product is a change that has no effect on assurance. The identification of the maintained product is indicated by a new version number compared to the certified product.

The change is not significant from the standpoint of security; however there are some changes at the underlying code of the TOE. The changes at the code level are;

- Elliptic curves are allowed to be written on the TOE during personalisation phase,
- When writing RSA/ECC public keys during personalisation phase, it is provided to check whether the actual bit lengths are in the supported range,
- 521-bit length curves are allowed to be used during EAC Chip Authentication,
- 521-bit length curves are allowed to be used during EAC Terminal Authentication,
- The production of ECDSA signature is allowed during the Active Authentication,
- Some minor changes to comply with the ISO 7816 standard,
- Minor bug fixes

3. Affected Developer Evidence

Along with changes described at the Section 2, there are some changes at the developer evidence also. The new versions of the developer evidence are;

- Security Target of AKIS GEZGIN_I v1.1.0.0 SAC&EAC Configuration v14
- AKİS GEZGİN_I v1.1.0.0 SAC&EAC Configuration Design Document v11
- AKİS GEZGİN_I v1.1.0.0 SAC&EAC Configuration Functional Specification Document v12
- AKİS GEZGİN_I v1.1.0.0 SAC&EAC Configuration Security Architecture Document v12
- AKİS GEZGİN_I v1.1.0.0 SAC&EAC Configuration Administrator and User Guidance Document v15
- AKİS GEZGİN_I v1.1.0.0 SAC&EAC Configuration Configuration Management Plan Document v12
- AKİS GEZGİN_I v1.1.0.0 SAC&EAC Configuration Modular Architecture Document v12
- AKİS GEZGİN_I v1.1.0.0 SAC&EAC Configuration Test Scenarios and Results Document v08
- AKİS GEZGİN_I v1.1.0.0 SAC&EAC Configuration Test Coverage and Depth Document v07
- AKİS GEZGİN_I v1.1.0.0 SAC&EAC Configuration Development Site Security and Development Tools Document v13

4. Conclusion

The change to the TOE has no effect on assurance. Consideration of the nature of this 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, the assurance as outlined in the Certification Report **21.0.03/18-004** is maintained for this version of the product by TSE CCCS.

This report is an addendum to the Certification Report **21.0.03/18-004** which had been prepared at **21.02.2018.**

5. References

[1] Common Criteria document CCMB- 2012-06-01 "Assurance Continuity: CCRA Requirements", v2.1, June 2012

[2] Impact Analysis Report v1.0, May 14 2019 - confidential

[3] Certification Report of AKİS GEZGİN_I SAC&EAC Configuration v1.0.0.0, February 21 2018

[4] ETR of AKİS GEZGİN_I v1.0.0.0 SAC&EAC Configuration, v2.0, February 07 2018 - confidential

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