



# Maintenance Report

**TÜBİTAK BİLGEM UEKAE**

**AKİS GEZGİN\_I BAC Configuration with Active  
Authentication v1.1.0.0**

**EAL4+ (ALC\_DVS.2)**


**21.0.03/18-002-MR-01**

issued by

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	<b>BİLİŞİM TEKNOLOJİLERİ TEST VE BELGELENDİRME DAİRESİ BAŞKANLIĞI</b>	<b>Doküman No</b>	BTBD-03-01-FR-42		
	<b>ORTAK KRİTERLER BELGELENDİRME SİSTEMİ</b>	<b>Yayın Tarihi</b>	09/12/2015		
	<b>BAKIM RAPORU/ COMMON CRITERIA CERTIFICATION SCHEME MAINTENANCE REPORT</b>	<b>Revizyon Tarihi</b>	08/02/2016	<b>No</b>	01

## 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 BAC with Active Authentication”, v1.0.0.0

The changed TOE is:


- “AKİS GEZGİN\_I BAC with Active Authentication”, 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,
- The production of ECDSA signature is allowed during the Active Authentication,
- After the operations with the symmetric keys, the used keys are destroyed,
- Some minor changes to comply with the ISO 7816 standard,
- Minor bug fixes

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### 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 AKİS GEZGİN\_I v1.1.0.0 BAC Configuration with Active Authentication v17
- AKİS GEZGİN\_I v1.1.0.0 BAC Configuration with Active Authentication Design Document v16
- AKİS GEZGİN\_I v1.1.0.0 BAC Configuration with Active Authentication Functional Specification Document v17
- AKİS GEZGİN\_I v1.1.0.0 BAC Configuration with Active Authentication Security Architecture Document v17
- AKİS GEZGİN\_I v1.1.0.0 BAC Configuration with Active Authentication Administrator and User Guidance Document v20
- AKİS GEZGİN\_I v1.1.0.0 BAC Configuration with Active Authentication Test Scenarios and Results Document v13
- AKİS GEZGİN\_I v1.1.0.0 BAC Configuration with Active Authentication Test Coverage and Depth Document v13
- AKİS GEZGİN\_I v1.1.0.0 BAC Configuration with Active Authentication Development Site Security and Development Tools Document v15

### 4. Conclusion

The change to the TOE has no effect on assurance. Consideration of the nature of this change leads

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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 **21.0.03/18-002** is maintained for this version of the product by TSE CCCS.

This report is an addendum to the Certification Report **21.0.03/18-002** which had been prepared at **20.10.2017**.


## 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 BAC Configuration with Active Authentication v1.0.0.0, October 10 2017

[4] ETR of AKİS GEZGİN\_I BAC Configuration with Active Authentication, v2.0, February 05 2018 - confidential

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**PREPARED BY**

**CC INSPECTION EXPERT**

**Name, Last Name:** İbrahim Halil KIRMIZI

**Title:** CC Inspection Expert

**Signature:**

**CC TECHNICAL RESPONSIBLE**

**Name, Last Name:** Zümrüt MÜFTÜOĞLU

**Title:** CC Technical Responsible

**Signature:**