PayCert
48 rue Montmartre
75002 Paris
France

Paris, 12th September 2022

M Emre Güçbilmez
ASİS Elektronik ve Bilişim Sistemleri A.Ş
İstanbul Üniversitesi Avcılar Yerleşkesi,
Üniversite Mah. Sarıgül Sok.
No:37/1 A Blok 34320 Avcılar
İstanbul
Turquie

CEN TS 16794 Compliance Certificate - PCD

A smart Ticketting Alliance certification program

Certificate Number:	CNAPC/PCD-00032
Product/System name:	VAL8 (commercial identification)
Compliant with :	CEN/TS 16794-1 :2017
Operational temp. range :	Class A (Ambient)

Dear M. Emre Güçbilmez,

The certification Body PayCert has received a request, submitted by ASİS Elektronik ve Bilişim Sistemleri A.Ş, your company, for the Certification of the PCD product VAL8 (PCD Hardware version: VAL8_HW V1; PCD Software version: v5.1.1.5), hereafter referred to as the Product and identified above as “VAL8”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as PAY.ASI.PCD.CEN16794.2017.2022-003 dated 31/08/2022 and we have assessed your Test Report(s) (ref. IC.E.RE.2207.008_v1.0 (Analog); IC.E.RE.2207.009_v1.0 (Digital)), which were generated by ICUBE, following the Test Plan “CEN/TS 16794-2:2017”.

Based on these elements, as indicated in PayCert’s Certification Report (ref. CER/EVR/PCD/2022-003 V1.0.0) the Certification Body has found reasonable evidence that the submitted samples of the Product complies to the CEN/TS Technical Specification 16794-1: Public transport -Communication between contactless readers and fare media.

The Certification Body hereby grants the Product Certification of compliance with the requirements stated by the CEN/TS 16794-1:2017 standard and will include your Product in the certified products list, published on PayCert website (www.cna-paycert-certification.com).

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Please note that the present Certification is subject to the following terms and conditions as listed hereafter :

i) The present Certification is granted on the basis of the Smart Ticketing Alliance Certification Policy and therefore is valid as of today and will expire on the 11th September 2029.

ii) If the Product is changed, ASİS Elektronik ve Bilişim Sistemleri A.Ş must notify the Certification Body of this fact in writing. Any change in the Product that may generate a different behaviour with respect to the CEN/TS 16794-1:2017standard or a difference in the Product Implementation Conformance Statement will be considered a major modification subject to a new evaluation in order to maintain the present Certification.

iii) The present Certification granted to ASİS Elektronik ve Bilişim Sistemleri A.Ş for the above referenced Product is non-transferable to any other vendor.

The Certification Body has the right to terminate or revoke the Certification should any of the aformentionned terms and conditions be not respected.

ASİS Elektronik ve Bilişim Sistemleri A.Ş, Certificate Number: CNAPC/PCD-00032

Name: Ludovic VERECQUE

Title: General Manager

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CERTIFICATION DE PRODUITS ET SERVICES
Certification / n°5-0563
Portée disponible sur www.cofrac.fr

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a. PCD Product Description

[PCD1] Administrative data

[PCD1.1] (*) Brand name: VAL8

[PCD1.2] (*) Trade name: VAL8

[PCD1.3a] (*) PCD Hardware version: VAL8_HW V1

[PCD1.3b] (*) PCD Software version: v5.1.1.5

[PCD1.4] (*) Reference of the contactless reader or antenna module: VAL8_Rdr

[PCD1.4a] (*) Hardware version of the contactless reader or antenna module: V1

[PCD1.4b] (*) Software version of the contactless reader or antenna module: V1.15

[PCD1.5] (*) EMVCo Approval number (if applicable): 16695 0819 260 26b 26b ULVS

The PCD is based on a STA certified PCD (*): No

b. PCD General Technical Characteristics

[PCD2.1] (*) PT Reader Type: IFM Reader (Full range A and B)

[PCD2.2] (*) Transaction supported when more than one PICC in the field: No

[PCD2.3] (*) Operational temperature range supported: Class A (Ambient)

[PCD2.7] (*) Reference of the PCD Zero Point – Range A (target ID marked on sample or photo or diagram) :

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[PCD2.11] (*) Reference of the PCD Zero Point – Range B (target ID marked on sample or photo or diagram)

c. PCD Supported Options

[PCD3] Protocol characteristics

[PCD3.1] (*) Other supported communication signal interface(s) or protocol(s): none

[PCD4] Type A

[PCD4.1] (*) PCD -> PICC bit rates supported: fc/128 (~106 kbit/s)

Other: -

[PCD4.2] (*) PICC -> PCD bit rates supported: fc/128 (~106 kbit/s)

Other: -

[PCD5] Type B

[PCD5.1] (*) PCD -> PICC bit rates supported: fc/128 (~106 kbit/s)

Other: -

[PCD5.2] (*) PICC -> PCD bit rates supported: fc/128 (~106 kbit/s)

Other: -

d. PCD Test Parameters

[PCD6.2c] (*) PCD internal output buffer size (used for Maximum size of UT_APDU): 261

[PCD6.2d] (*) PCD internal input buffer size (used for Maximum size of response UT_APDU): 261