PayCert
48 rue Montmartre
75002 Paris
France

Paris, 24 April 2025

IER SAS
3 rue Salomon de Rothschild
92150 SURESNES
FRANCE

ISO/IEC TS 24192 Compliance Certificate - PCD

A Smart Ticketing Alliance certification program

Certificate Number:	**CNAPC/PCD-00050**
Product/System name:	TVM-RATP IER958 Card Distributor (commercial identification)
Compliant with :	ISO/IEC TS 24192-1:2021
PT reader type :	Limited Reader – single position
Operational temp. range :	Class A

Dear Customer,

The Certification Body PayCert has received a request, submitted by IER SAS, your company, for the Certification of the PCD product TVM 958AF 958AS 958AL RATP (PCD Hardware version: IER T160332), hereafter referred to as the Product and identified above as “TVM-RATP IER958 Card Distributor”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as PAY.IER.PCD.ISO24192.2021.2025-006 dated 2025/04/02 and we have assessed your Test Report(s) (ref. IC.E.RE.2409.008 V1.0 (Analog)), which was generated by ICUBE TESTING CENTER, following the Test Plan “ISO/IEC TS 24192-2:2021”.

Based on these elements, as indicated in PayCert’s Certification Report (ref. CER/EVR/PCD/2025-061 v1.0.0) the Certification Body has found reasonable evidence that the submitted samples of the Product comply to the ISO/IEC TS 24192-1:2021 specification.

The Certification Body hereby grants the Product Certification of compliance with the requirements stated by the ISO/IEC TS 24192 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 (ref. CER/CLE/PCD/2025-068 v1.0.0) 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 23 April 2032.

ii) If the Product is changed, IER SAS 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 ISO/IEC TS 24192 standard 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 IER SAS 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.

IER SAS, Certificate Number: CNAPC/PCD-00050

Laurence Masson

Signature numérique de Laurence Masson
Date : 2025.04.24 17:46:35 +02'00'

Name: Laurence Masson

Title: Chief Operating Officer

cofrac
CERTIFICATION DE PRODUITS ET SERVICES
Accréditation n°5-0673
Portée disponible sur www.cofrac.fr

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Extract of ICS

a. PCD Product Description

[PCD1] Administrative data

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

[PCD1.2] (*) Trade name: TVM RATP IER958, Card Distributor

[PCD1.3a] (*) PCD Hardware version: IER T160332

[PCD1.3b] (*) PCD Software version: ASK CSC Monitor 2.48

[PCD1.4] (*) Reference of the contactless reader: ASK PARAGON CPL528 + MUX584 + antenna DDM hopt+schuler 901-T20

[PCD1.4a] (*) Hardware version of the contactless reader: 1-020006-LCa

[PCD1.4b] (*) Software version of the contactless reader: ASK CSC Monitor 2.48

[PCD1.5] (*) Reference of the antenna module (if not fully integrated): See [PCD1.4]

[PCD1.6] (*) EMVCo Contactless Approval number (if applicable): N/A

[PCD1.7] (*) Hardware provided to the test Laboratory: Part of the final product

The PCD is based on a STA certified PCD (*): Yes

If yes STA PCD certificate number (*): CNAPC/PCD-00047

If yes rationale to justify the delta-certification (*): Antenna is identical with the one of the ticket dispenser that was already certified with certificate number CNAPC/PCD-00047.

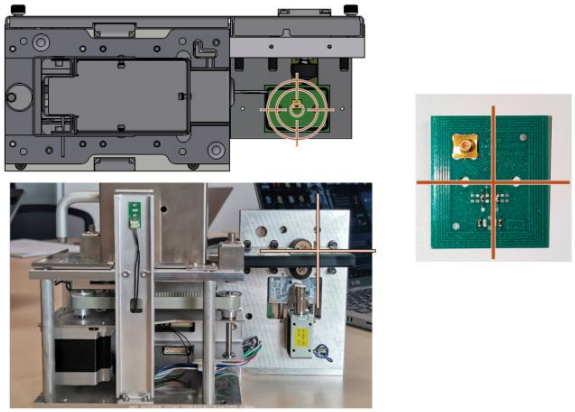
b. PCD General Technical Characteristics

[PCD2.1] (*) PT Reader Type: Limited Reader – single position

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

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

[PCD2.6] (*) Reference of the PCD Zero Point – Range A (target ID marked on sample or photo or diagram)



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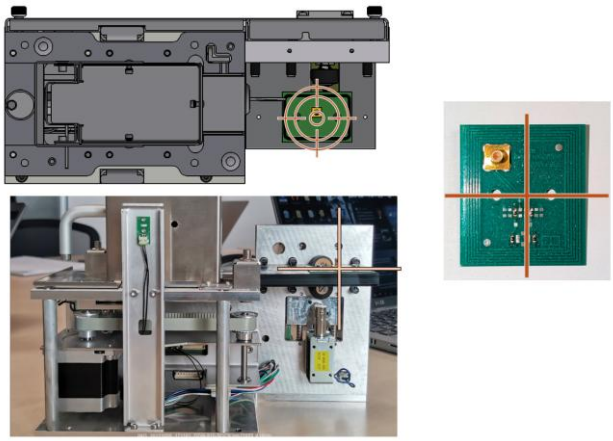
[PCD2.9] (*) Reference of the PCD Zero Point – Range B (target ID marked on sample or photo or diagram)



c. PCD Supported Options

[PCD3] Protocol characteristics

[PCD3.1] (*) Other supported communication signal interface(s) or protocol(s): INNOVATRON

[PCD4] Type A

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

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

[PCD5] Type B

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

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

d. PCD Test Parameters

[PCD6] Test parameters

[PCD6.2c] (*) PCD internal output buffer size (used for Maximum size of UT_APDU): 256 bytes
[PCD6.2d] (*) PCD internal input buffer size (used for Max size of response UT_APDU): 256 bytes