PayCert
48 rue Montmartre
75002 Paris
France

Paris, October 15th 2025

Watchdata Technologies
Europarc de Pichaury
1330, rue Guillibert de la Lauzière Bâtiment B8
13856 Aix-en-Provence CEDEX 3
FRANCE

ISO/IEC TS 24192-1:2021 Compliance Certificate - PICC

A Smart Ticketing Alliance certification program

Certificate Number:	**CNAPC/PIC-00060**
Product/System name:	TimeCOS CLAP 1.2 (commercial identification)
Compliant with :	ISO/IEC TS 24192-1:2021
Operational temp. range :	Class I (-10°C to +50°C)
ISO 14443 antenna class :	Class 1
Protocol supported :	Type B

Dear Customer,

The Certification Body PayCert has received a request, submitted by Watchdata Technologies, your company, for the Certification of the PICC product TimeCOS CLAP 1.2 (IC: SLC26PDL360N9 ; Software: 49467200 V1.0; Application type: Calypso Light v1.2; Antenna: RFSD0060; Card body: PVC; Full contactless card), hereafter referred to as the Product and identified above as “TimeCOS CLAP 1.2”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as PAY.WDT.PIC.ISO24192.2021.2025-015 dated 2025/10/09 and we have assessed your Test Report(s) (ref. IC.E.RE.2508.025 V1.0 (analog), IC.E.RE.2508.026 V1.0 (digital)), which were 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/PIC/2025-129 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 24192-1:2021 standard and will include your Product in the certified products list, published on PayCert website (http://cna-paycert-certification.com).

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Please note that the present Certification (ref. CER/CLE/PIC/2025-145 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 14th of October 2032.

ii) If the Product is changed, Watchdata Technologies 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 24192-1:2021 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 Watchdata Technologies 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.

Laurence Masson

Digitally signed by Laurence Masson
DN: CN=Laurence Masson, E=laurence-masson@paycert.eu
Reason: I am approving this document
Location: Paris
Date: 2025.10.15 15:17:39+02'00'
Foxit PDF Editor Version: 2025.2.0

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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a. PICC Product Description

[PICC1] Administrative data

[PICC1.1] (*) Brand name: TimeCOS

[PICC1.2] (*) Trade name: TimeCOS CLAP 1.2

[PICC1.3a] (*) Hardware version: 1.0

[PICC1.3b] (*) Software version: 1.0

[PICC1.4] (*) PICC features ISO/IEC 7816 contact interface (dual): ○ Yes ◉ No

[PICC1.5] (*) IC manufacturer: Infineon

[PICC1.6] (*) IC reference / size: SLC26PDL360N9

[PICC1.7] (*) Type of card body structure: PVC

The PICC is based on a STA certified PICC (*): ○ Yes ◉ No

If yes STA PICC certificate number (*): /

If yes rationale to justify the delta-certification (*): /

b. PICC General Technical Characteristics

[PICC2] General technical characteristics

[PICC2.1] (*) Reference of PICC Zero Point (target ID-marked on sample or photo or diagram):

Click here to enter text.

[PICC2.2] (*) Operational temperature class supported as defined in Clause 11.2 of ISO/IEC TS 24192-1:2021:

○ Class A

◉ Class I

[PICC2.3] (*) Antenna class according to ISO/IEC 14443:

◉ "Class 1" ○ "Class 2" ○ "Class 3"

○ Does not claim to meet the requirements of one particular PICC class

c. PICC Supported Options

[PICC3] General supported options

[PICC3.1] (*) Supported communication signal interface(s) and protocol(s): Type A ☐ Type B ☒
Other:

[PICC4] Type A supported options (where applicable)

[PICC4.1] (*) PCD -> PICC bit rates supported: ○ fc/128 (~106 kbit/s)
Other:

[PICC4.2] (*) PICC -> PCD bit rates supported: ○ fc/128 (~106 kbit/s)
Other:

[PICC4.3] (*) Only symmetrical bit rates supported: ○ Yes ○ No

[PICC4.4] (*) S(PARAMETERS) support: ○ Yes ○ No

[PICC5] Type B supported options (where applicable)

[PICC5.1] (*) PCD -> PICC bit rates supported: ◉ fc/128 (~106 kbit/s)
Other: 212 kbit/s, 424 kbit/s, 848 kbit/s

[PICC5.2] (*) PICC -> PCD bit rates supported: ◉ fc/128 (~106 kbit/s)
Other: 212 kbit/s, 424 kbit/s, 848 kbit/s

[PICC5.3] (*) Only symmetrical bit rates supported: ◉ Yes ○ No

[PICC5.4] (*) PUPI value: ◉ Fixed number ○ Random number

[PICC5.9] (*) Extended ATQB support: ○ Yes ◉ No
If yes, SFGI:

[PICC5.10] (*) S(PARAMETERS) support: ○ Yes ◉ No

[PICC5.11] (*) All AFIs are supported: ○ Yes ◉ No
If not, indicate all supported AFI(s): 00h

[PICC5.12] (*) REQB/WUPB with N > 1 support: ◉ Yes ○ No