PayCert
48 rue Montmartre
75002 Paris
France

Paris, 25. August 2023

Watchdata Technologies
Europarc de Pichaury, 1330, rue Guillibert de la Lauzière, Bât. B8,
13856 Aix-en-Provence CEDEX 3
France

CEN TS 16794 Compliance Certificate - PICC

A Smart Ticketting Alliance certification program

Certificate Number:	CNAPC/PIC-00042
Product/System name:	TimeCOS CL Calypso Prime 3.2 (commercial identification)
Compliant with :	CEN/TS 16794-1:2017
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 CL Calypso Prime 3.2 (IC type: SLC36PDL352, Application Type: Calypso Prime 3.2, Antenna : DISD5001, Card body : ISO 7810 ID-1, Protocol: Type B, Contactless-only card), hereafter referred to as the Product and identified above as “TimeCOS CL Calypso Prime 3.2”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as PAY.WAT.PICC.CEN16794.2017.2023-006 and we have assessed your Test Report(s) (ref. IC.E.RE.2308.002 v1.1), which was 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/PIC/2023-115 v1.0.0) the Certification Body has found reasonable evidence that the submitted samples of the Product complies to the CEN/TS 16794-1:2017.

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).

PayCert
48 rue Montmartre
75002 Paris
France

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 25. August 2030.

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 CEN/TS 16794-1:2017 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.

Ludovic VERECQUE

Signature numérique de Ludovic VERECQUE
Date : 2023.08.25 17:15:07 +02'00'

Name: Ludovic VERECQUE

Title: General Manager

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

PayCert
48 rue Montmartre
75002 Paris
France

a. PICC Product Description

[PICC1] Administrative data

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

[PICC1.2] (*) Trade name: TimeCOS CL Calypso Prime 3.2

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

[PICC1.3b] (*) Software version: 2.0

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

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

[PICC1.6] (*) IC reference / size: SLC36PDL352

[PICC1.9] (*) Type of card body structure: ISO 7810 ID-1

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

If yes STA PICC certificate number (*): CNAPC/PIC-00026

If yes rationale to justify the delta-certification (*): PICC change from dual to contactless, with no modification of chip and antenna

b. PICC General Technical Characteristics

[PICC2] General technical characteristics

[PICC2.2] (*) Reference of PICC Zero Point (target ID-marked on sample or photo or diagram):

Center of the sample

[PICC2.3] (*) Operational temperature range supported:

○ Class A (Ambient)

◉ Class I (-10 °C to + 50 °C)

PayCert
48 rue Montmartre
75002 Paris
France

[PICC2.4] (*) Antenna class according to ISO/IEC 14443:

○ Unclassified ◉ "Class 1" ○ "Class 2" ○ "Class 3"

c. PICC Supported Options

[PICC3] Protocol characteristics

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

[PICC4] Type A (where applicable)

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

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

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

[PICC4.5] (*) UID value: ○ Fixed number ○ Random number

[PICC4.11] (*) S(PARAMETERS) support: ○ Yes ○ No

[PICC5] Type B (where applicable)

[PICC5.1] (*) PCD -> PICC bit rates supported: ◉ fc/128 (~106 kbit/s)
Other: fc/128 + fc/64 + fc/32 + fc/16

[PICC5.2] (*) PICC -> PCD bit rates supported: ◉ fc/128 (~106 kbit/s)
Other: fc/128 + fc/64 + fc/32 + fc/16

[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: Click here to enter text.

[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