Paris, 15/05/2019

Mr. Nicolas MULLER
Paragon ID
ZAC du Font de l'Orme - 1198 Avenue du Docteur
Maurice Donat
06250 Mougins
France

CEN TS 16794 Compliance Certificate - PICC

Certificate Number:	CNAPC/PIC-00013
Product/System name:	TanGO CLAP (commercial identification)
Compliant with :	CEN/TS 16794-2:2017
Operational temp. range :	Class I (-10°C to +50°C)
ISO 14443 antenna class :	Class 1
Protocol supported :	type B

Dear Mr. Nicolas MULLER,

CNA-PayCert has received a request, submitted by Paragon ID, your company, for the Certification of the PICC product TanGO CLAP (IC type: SLE77CLF601P, Application Type: Calypso Light Application (CLAP), Antenna ACS 45x76 1030 , Paper card body), hereafter referred to as the Product and identified above as "TanGO CLAP".

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as PAY.PRG.PICC.CEN16794.2017.2019-006 and we have assessed your Test Report(s) (ref. (analog) : IC.E.RE.1904.008_v1.0, (digital) : IC.E.RE.1904.009_v1.0), 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/2019-039 v1.0.0) the Certification Body has found reasonable evidence that the submitted samples of the Product complies to the CEN/TS 16794-2:2017.

The Certification Body hereby grants the Product Certification of compliance with the requirements stated by the CEN/TS 16794-2:2017 standard and will include your Product in the certified products list, published on CNA-PayCert website (http://cna-paycert-certification.com).

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 15/05/2026.

ii) If the Product is changed, Paragon ID 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 16794-2:2017 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 Paragon ID 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.

Name: Ludovic VERECQUE

Title: General Manager

1.1 PICC Product Description

[PICC1]Administrative data

[PICC1.1] (*)Brand name: TanGO CLAP

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

[PICC1.3a] (*)   Hardware version: N/A

[PICC1.3b] (*)   Software version: v1

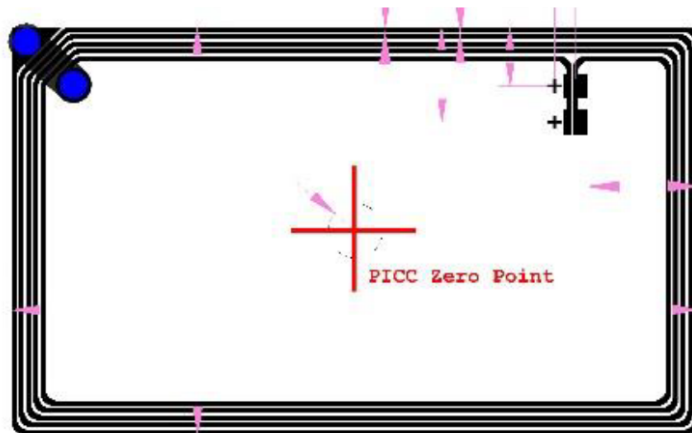[PICC1.4] (*)PICC features ISO/IEC 7816 contact interface (dual): ○ Yes   ◉ No

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

[PICC1.6] (*)IC reference / size: SLE77CLF601P / 60 Kbytes

1.2 ICC General Technical Characteristics

[PICC2]General technical characteristics

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

Click here to enter text.

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

○ Class A (Ambient)

◉ Class I (-10 °C to + 50 °C)

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

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

1.3 PICC Supported Options

[PICC3]Protocol characteristics

[PICC3.1] (*)Protocol(s) supported:Type A ☐   Type B ☒   Other:

[PICC5]Type B (where applicable)

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

Other: 212 kbit/s; 424 kbit/s

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

Other: 212 kbit/s; 424 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: 0

[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