



On behalf of STA

Certification Body : **CNA-PayCert**

48 rue Montmartre

75002 Paris

France

Paris, 17/11/2023

Mr. Jim KOPITZKE
IDENTIV

1900 Carnegie Ave, Suite B, Santa Ana,
CA 92705,
USA

CEN TS 16794 Compliance Certificate - PICC

Certificate Number: CNAPC/PIC-00014
Product/System name: uTrust Calypso SmartCard (Endless Innovation Technologies)
Compliant with : CEN/TS 16794-2:2017
Operational temp. range : Class I (-10°C to +50°C)
ISO 14443 antenna class : Unclassified
Protocol supported : type B

Dear Mr. KOPITZKE,

CNA-PayCert has received a request, submitted by IDENTIV, your company, for the Certification of the PICC product uTrust Calypso SmartCard (Endless Innovation Technologies) (IC type: CD21NS02DALC54, Application Type: Calypso application v3.2, Antenna Antenna SES ModelA, PVC card body), hereafter referred to as the Product and identified above as "uTrust Calypso SmartCard".

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as PAY.IDV.PICC.CEN16794.2017.2019-011 dated 17/11/2023 and we have assessed your Test Report(s) (ref.: IC.E.RE.1905.014_v1.0, IC.E.RE.1905.015_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/2019-059 v1.0.1) 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 CNA-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 17/07/2026.

ii) If the Product is changed, IDENTIV 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 IDENTIV 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 aforementioned terms and conditions be not respected.

**The present certification letter supersedes the certification
letter ref. CER_CLE_PIC_2019-059 v1.0.1 issued on 23/07/2019**

Name: Ludovic VERECQUE

Title: General Manager



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1.1 PICC Product Description

[PICC1] Administrative data

[PICC1.1] (*) Brand name: uTrust Calypso Smartcard (Endless Innovation Technologies)

[PICC1.2] (*) Trade name: uTrust Calypso Smartcard (Endless Innovation Technologies)

[PICC1.3a] (*) Hardware version: CD21NS02DALC54

[PICC1.3b] (*) Software version: Calypso Application v3.2

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

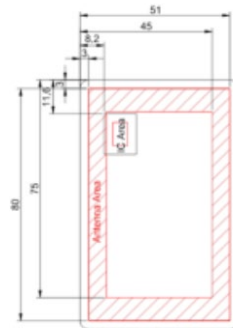
[PICC1.5] (*) IC manufacturer: ST Microelectronics

[PICC1.6] (*) IC reference / size: ST23ZR/QQL (CD21NS02DALC54)

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):



Area for module: 11x14mm

Centered in the middle of the antenna

[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"



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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: [Click here to enter text.](#)

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

Other: [Click here to enter text.](#)

[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): '00', '0Y', '10', '1Y', '20', '2Y', '30', '3Y', '40', '4Y', '50', '5Y', '60', '6Y', '70', '80', '82' to '8F', 'E0', 'E1', 'E2' with Y = '1' to 'F'

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