



On behalf of STA

Certification Body : **CNA-PayCert**

48 rue Montmartre

75002 Paris

France

Paris, 13/03/2019

Mr. Cristiano PARDO
HID GLOBAL S.p.A
Viale Remo De Feo,1
80022 ARZANO (Na)
Italy

CEN TS 16794 Compliance Certificate - PICC

Certificate Number: CNAPC/PIC-00012
Product/System name: SOMA Atlas V1 Type B (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. Cristiano PARDO,

CNA-PayCert has received a request, submitted by HID GLOBAL S.p.A, your company, for the Certification of the PICC product SOMA Atlas V1 (IC type: SLE77 M779x, Application Type: Calypso ROM version 1.1 rev 210219), hereafter referred to as the Product and identified above as "SOMA Atlas V1".

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as PAY.HID.PICC.CEN16794.2017.2019-001 and we have assessed your Test Report(s) (ref. (analog) : IC.E.RE.1901.001_v1.0, (digital) : IC.E.RE.1902.022_v1.0), which was generated by KEOLABS, following the Test Plan "CEN/TS 16794-2:2017".

Based on these elements, as indicated in PayCert's Certification Report (ref. CER/EVR/PIC/2019-029 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.



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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 13/03/2026.

ii) If the Product is changed, HID GLOBAL S.p.A 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 HID GLOBAL S.p.A 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.

Name: Ludovic VERECQUE

Title: General Manager

PICC Product Description



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[PICC1] Administrative data

[PICC1.1] (*) Brand name: SOMA ATLAS V1

[PICC1.2] (*) Trade name: KIAT V4

[PICC1.3a] (*) Hardware version: SLE77V2

[PICC1.3b] (*) Software version: Calypso ROM version 1.1 rev 210219

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

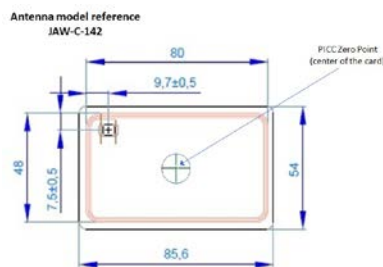
[PICC1.5] (*) IC manufacturer: Infineon

[PICC1.6] (*) IC reference / size: SLE77 M779x platform

ICC General Technical Characteristics

[PICC2] General technical characteristics

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



See JAW-C142-Antenna_Zero_Point.pdf

[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"

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



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[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: 4

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