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Paris, 09 December 2025

THALES DIS France SAS
6, rue de la Verrerie
92197 Cedex Meudon
FRANCE

Calypso® Compliance Certificate – Card product

Certificate Number: **CNA-CCPR-00038**

Product/System name: TESS v5.2.1 (commercial identification)

Compliant with : Calypso Prime Specification (V3.3.E2)

Type of product : Java Card eSE for NFC mobile

RF Protocol supported: NFC SWP

Calypso platform reference: \$C0 Java Card

Mode : Regular mode, Extended mode

Main features: PIN, Stored values, Shared files

Dear Customer,

PayCert hereafter referred to as the Certification Body, has received a request, submitted by THALES DIS France SAS, your company, hereafter referred to as the Vendor for the Certification of the Contactless card product “TESS v5.2.1” (Hardware identification: S3NSEN6 Rev2 +3.5Mb, Hardware Manufacturer ID: Samsung SLSI, Software Issuer ID: Calypso Networks Association (20h), Application version: Calypso Applet v2.2), hereafter referred to as the Product and identified above as “TESS v5.2.1”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as CAL.THA.PRIME.2025-023 dated 2025/11/12 and we have assessed your Test Report(s) (ref. ELITT/LAB/ECA-P/TR/2025-072 V1.0), which was generated by ELITT, following the Test Plan (ref. 121003-TL-CalypsoPrime-TestPlan version 8).

After assessing such files in the Certification Evaluation Report (ref. CER/EVR/CNA/2025-161 v1.0.0) the Certification Body has found reasonable evidence that the submitted samples of the Product comply to the Calypso Prime specification (ref. 060708-SP-CalypsoPrime_v3.3E2 (July 2022)).

The Certification Body hereby grants the Product Certification of compliance with the requirements stated by the Calypso Calypso Prime specification (ref. 060708-SP-CalypsoPrime_v3.3E2 (July 2022)) standard and will include your Product in the certified products list, published on PayCert website (<http://cna-paycert-certification.com>).

PayCert is a certification body owned by ELITT SAS, 8 rue Leopold Sedar-Senghor, 14460 Colombelles, France, with share capital of 1 059 150 € registered under number 501 255 343 RCS Caen. CER/FOR/2024-001 v2.1.0



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Please note that the present Certification (ref. CER/CLE/CNA/2025-179 v1.0.0) is subject to the following terms and conditions as listed hereafter :

i) The Vendor commits to the Certification Body certification procedures as well as the Calypso Certification Policy to obtain the Certification and therefore is valid as of today and will expire on the 08 of December 2035.

ii) If the Product's hardware or software is changed, the Vendor must notify the Certification Body of this fact in writing. Any change in the certified Product that generates a different behaviour of the Product with respect to the endorsed specifications and Vendor's Implementation Conformance Statement, in The Certification Body's sole discretion, will be considered a modification subject to a requirement of new certification evaluation.

iii) The present Certification granted to THALES DIS France SAS 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.

Because The Certification Body's grant is subject to such limitations, including certain events of termination, the Vendor and any third parties should confirm that such Certification is current and has not been terminated by referring to the list of certified Products published on the Certification Body website (<https://www.cna-paycert-certification.eu>).

Certificate Number: **CNA-CCPR-00038**

This Certificate letter is effective as a proof of Certification.

Name: Laurence MASSON

Title: Chief Operating Officer



APPENDIX (extract from ICS CAL.THA.PRIME.2025-023 dated 2025/11/12)

Main options		
INTERFACE	Is the card sample self-powered?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Does the card support Contact interface?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	ISO/IEC 7816-3 protocol <i>If Contact interface supported.</i>	<input type="checkbox"/> T=0 <input type="checkbox"/> T=1
	Number of logical channel available for the contactless interface (T=1: ISO 14443 or NFC SWP)	<input checked="" type="checkbox"/> 1 or <input type="checkbox"/> 4 or <input type="checkbox"/> 20
	Number of logical channel available for the contact interface (ISO 7816-3: T=0, SPI: T=0/1, HCI APDU GATE: T=0/1)	<input type="checkbox"/> 0 <input type="checkbox"/> 1 or <input checked="" type="checkbox"/> 4 or <input type="checkbox"/> 20
	Is Manage Channel supported?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
SIZE/CAPACITY	What is the maximum value of the Session Modifications byte of the Startup Information supported?	0Ch - 608 bytes (code - buffer size)
	What is the maximum number of records in a file?	250
	What is the maximum record size supported?	250
	What is the maximum Lc supported?	250
	What is the maximum Le supported?	250
	What is the maximum size of binary file supported by the product? <i>Maximum value is 32,768bytes (8000h) for the Calypso Prime Applet if the available persistent memory capacity of the product allows it.</i>	32,768
	What is the maximum number of data bytes entering a given Session MAC / Session Signature?	49,152
	What is the minimal/maximal size of the certification authority public key certificate (CACert) that can be stored? <i>If PKI mode supported.</i>	Min.: 1 Max.: 4096 (depending available memory)
SIZE/CAPACITY	What is the minimal/maximal size of the Calypso Prime application public key certificate (CardCert) that can be stored? <i>If PKI mode supported.</i>	Min.: 1 Max.: 4096 (depending available memory)



Applicability declaration for compatibility with legacy terminal

Object	Constraint linked	Applicability supported in CONTACT	Applicability supported in CONTACTLESS
CLA byte '94' supported for the other Calypso command ⁵	CLA_94	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CLA byte 'FA' supported ⁶	CLA_FA	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Object	Constraint linked	Applicability supported
CLA byte '94' supported for the Select Application Command	CLA_94_SEL	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
DES key supported	DES	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
DESX key supported	DESX	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Historical bytes of ATR readable using GET DATA	GET_ATR	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Ratification on contactless deselection	RAT_ON_DESELECT	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Applicability declaration for product

Object	Constraint linked	Applicability supported
List of Application available through ISO APDU Command (cf Calypso Prime specification version 3.3 edition 2 §4.3)	APP_AV	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Default application selected at reset	DEF_APP	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
DF contains another DF	DF_IN_DF	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Get response for a partial read of available bytes on the card supported ⁶	GETRESP_PARTIAL	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Master File supported	MF	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Select Command without request for FCI supported	NO_FCI	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
PUT DATA (for AID) supported	PUT_AID	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PUT DATA (for SV link) supported	PUT_SV_LINK	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

⁶ This option is only available on contact interface