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Paris, September 18th 2025

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

Calypso® Compliance Certificate – Card product

Certificate Number: **CNA-CCPR-00034**

Product/System name: TESS v5.2 (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” (Hardware identification: S3NSEN6 Rev2 +3.5Mb, Hardware Manufacturer ID: Samsung SLSI, Software Issuer ID: Calypso Networks Association (20h), Application version: Calypso Applet v2.1), hereafter referred to as the Product and identified above as “TESS v5.2”.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as CAL.THA.PRIME.2025-010 dated 2025/09/11 and we have assessed your Test Report(s) (ref. ELITT/LAB/ECAP/TR/2025-048 V1.0 and ELITT/LAB/ECAP/TR/2025-062 V1.0), which were 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/2025-102 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/2025-124 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 17 of September 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-00034**

This Certificate letter is effective as a proof of Certification.

Name: Laurence MASSON

Title: Chief Operating Officer



APPENDIX (extract from ICS CAL.THA.PRIME.2025-010 dated 2025/09/11)

Main options		
INTERFACE	Is the card sample self-powered?	☐ Yes ☒ No
	Does the card support Contact interface?	☐ Yes ☒ No
	ISO/IEC 7816-3 protocol <i>If Contact interface supported.</i>	☐ T=0 ☒ T=1
	Number of logical channel available for the contactless interface (T=1: ISO 14443 or NFC SWP)	☒ 1 or ☐ 4 or ☐ 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)	☐ 0 ☐ 1 or ☒ 4 or ☐ 20
	Is Manage Channel supported?	☒ Yes ☐ 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
SIZE/CAPACITY	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)
	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	☒ Yes ☐ No	☒ Yes ☐ No
CLA byte 'FA' supported ⁶	CLA_FA	☒ Yes ☐ No	☒ Yes ☐ No

Object	Constraint linked	Applicability supported
CLA byte '94' supported for the Select Application Command	CLA_94_SEL	☐ Yes ☒ No
DES key supported	DES	☒ Yes ☐ No
DESX key supported	DESX	☒ Yes ☐ No
Historical bytes of ATR readable using GET DATA	GET_ATR	☐ Yes ☒ No
Ratification on contactless deselection	RAT_ON_DESELECT	☐ Yes ☒ 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	☐ Yes ☒ No
Default application selected at reset	DEF_APP	☐ Yes ☒ No
DF contains another DF	DF_IN_DF	☐ Yes ☒ No
Get response for a partial read of available bytes on the card supported ⁶	GETRESP_PARTIAL	☒ Yes ☐ No
Master File supported	MF	☐ Yes ☒ No
Select Command without request for FCI supported	NO_FCI	☒ Yes ☐ No
PUT DATA (for AID) supported	PUT_AID	☐ Yes ☒ No
PUT DATA (for SV link) supported	PUT_SV_LINK	☐ Yes ☒ No

⁶ This option is only available on contact interface