

Calypso

Networks Association

KUBA
Attn Bertrand PERREZ
Rue Ariane II Espace Valentin Nord
25480 Miserey-Saline
FRANCE

19 June 2024

Calypso Library Registration

Calypso Layer

Registration Number:	CNA-220908-CLDP-A0
Registration Date:	19 June 2024

Vendor Name:	KUBA
Software Library Reference:	Kubapay 1.2
Implementation Conformance Statement (ICS):	220908-CLDP-A0-ICS_v1
Specification Reference:	200423-SP-CalypsoLayer-Requirements_v2.0 Calypso Specification – Calypso Layer – Requirements

Dear Mr Perrez,

Calypso Networks Association, hereafter referred to as "CNA", has received from your company, KUBA, hereafter referred to as the "Vendor", a declaration of compliance with the Terminal Calypso Layer Requirements for the software identified in the ICS in reference, hereafter referred to as the "Product".



This registration procedure is not a certification but a simple validation by CNA that the Vendor's declaration is consistent.

The ICS signed by the Vendor commits him to his customers on the respect of the requirements to which he declares his Product conforms. The main characteristics of the Product are mentioned in the appendix (page 3).

The registration by CNA of the Product is subject to the following terms and conditions as listed here after:

- i) If the Product is changed, the Vendor must notify CNA of this fact in writing. Any change in the registered Product that generates a different behaviour of the Product with respect to the endorsed specifications and the Vendor's ICS, in CNA's sole discretion, will be considered as a modification requiring a new declaration of compliance.
- ii) The Registration granted to the Vendor for the above referenced Product is non-transferable to any other vendor.

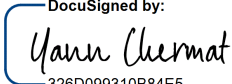
CNA has the right to terminate or revoke the Registration should any of the aforementioned terms and conditions not be respected.

Because the CNA's grant is subject to such limitations, including certain events of termination, the Vendor and any third parties should confirm that such Registration is current and has not been terminated by referring to the, up to date, list of registered Products published on the CNA website (www.calypsonet.org).

This letter is effective as a proof of Registration.

Calypso Networks Association

20/06/2024

DocuSigned by:

By: 326D099310B84E5...
Name: Yann Chermat
Title: Chief Operational Officer

Disclaimer: *In no event shall Calypso Networks Association be held responsible for any direct or indirect consequence or damage whatsoever that might result from the utilization of the registered product. In no event shall Calypso Networks Association be bound to substitute himself to the manufacturer of the product to carry out the guarantees which it is contractually or legally under the obligation to ensure to its clients and customers concerning the product.*

APPENDIX : MAIN FEATURES OF THE PRODUCT

Product Compatibility	
Reader Layer ¹	ASSURE Range include Compact, Adept and Rugged (registration reference: 230104-RLDP-A0)
Ticketing Layer ²	Only used by Kuba ticketing applications.

Calypso Card Type	Description	Applicability supported
Prime PKI	Calypso Prime managing PKI mode.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Prime Extended	Calypso Prime managing AES and Extended MAC modes.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Prime Regular	Calypso Prime managing TDES and Compatibility and Regular MAC modes.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
HCE	Calypso HCE.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Light	Calypso Light.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Basic	Calypso Basic.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Applicability	Object	Applicability supported
Change Key	Calypso Layer managing the Change Key command.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Get/Put Data	Calypso Layer managing the Get or Put Data commands.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PIN	Calypso Layer managing the PIN.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Stored Value	Calypso Layer managing Calypso Stored Value.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TLV	Calypso Layer managing complete the TLV data objects.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

¹ The referenced Reader Layer can be:

- a list of APIs to be used (name and version),
- a list of Registered Readers.

² The referenced Ticketing Layer can be:

- a list of APIs to be used (name and version),
- a list of compatible ticketing applications.

