Calypso
Networks Association

HID Global   22 February 2023

Attn Mr Alexander Solilin

17-20 Suttons Business Park

Reading RG6 1AZ

UNITED KINGDOM

Calypso Library Registration
Calypso Layer

Registration Number:	CNA-211119-CLDP-29M1
Registration Date	22 February 2023

Vendor Name:	HID Global
Software Library Reference:	CalypsoLib 1.4
Implementation Conformance Statement (ICS)	211119-CLDP-29-ICS_v5
Specification Reference:	200423-CalypsoLayerRequirements_v1 Calypso Specification - Calypso Layer Requirements

Dear Mr Solilin,

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

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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 of this letter (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

22/02/2023

DocuSigned by:

Philippe Guillaumin

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By:
Name: Philippe Guillaumin
Title: Technical Manager

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.

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APPENDIX: MAIN FEATURES OF THE PRODUCT

Calypso Card Type	Description	Applicability supported
Prime PKI	Calypso Prime managing PKI mode.	☐Yes ☒No
Prime Extended	Calypso Prime managing AES and Extended MAC modes.	☐Yes ☒No
Prime Regular	Calypso Prime managing TDES and Compatibility and Regular MAC modes.	☒Yes ☐No
Light	Calypso Light.	☒Yes ☐No
Basic	Calypso Basic.	☒Yes ☐No

Applicability	Object	Applicability supported
Binary Files	Calypso Layer managing Binary file size between 32,769 and 65,536 bytes.	☒Yes ☐No
Change Key	Calypso Layer managing the Change Key command.	☐Yes ☒No
Get/Put Data	Calypso Layer managing the Get or Put Data commands.	☒Yes ☐No
PIN	Calypso Layer managing the PIN.	☒Yes ☐No
Stored Value	Calypso Layer managing Calypso Stored Value.	☒Yes ☐No
TLV	Calypso Layer managing complete the TLV data objects.	☒Yes ☐No