

Please accept this document as confirmation of the EMVCo Security Evaluation Process.

Certificate Number : ICCN0270

Date of issuance 16 Jan 2020

Expiry Date: 16 Jan 2025

Company: THALES DIS France SAS

Address: Arterparc - Bat D
Route de la Cote d'Azur
CS60105
Meyreuil 13590 France

Master Component: PEGASUS_CB_05

Hardware Revision: rev. C

Child Lot 1: -

Child Lot 2: -

Child Lot 3: -

Child Lot 4: -

Child Lot 5: -

Manufacturing site(s): UMC Fab 12i (Singapore)

Firmware name / version: ROM Firmware rev. B - FLASH Firmware rev. 05

Crypto. library name / version: -

Other libraries name / version: -

Bootloader name / version: Loader v1.8

Security Laboratory: Leti

Conditions of Certification: Guidance document(s) must be followed.

Authorized by: Alan Mushing, SEWG Chair
EMVCo, LLC

Date: 12 Mar 2024

Disclaimer: Although the secure implementation of any security mechanisms and product functionalities may be evaluated, the EMVCo Security Evaluation Process does not validate the cryptographic algorithms, methods and protocols themselves nor the absence of flaws or defects in the specifications used for product development.

The ICCN number must be mentioned to all vendors or when shipping the product. The use of the ICCN number is limited to the product as detailed below. Please also reference the ICCN number in any communication with EMVCo.

The EMVCo Security Evaluation Process is intended to provide valuable and practical information relating to the general security performance characteristics and the suitability of use for smart card related products and IC chip-based tokens. The EMVCo Security Evaluation Process is designed to ensure a robust security foundation for these products at the product family and component level. The EMVCo Security Evaluation Process is an evolving process in relation to new attack techniques and technology. EMVCo therefore reserves the right to perform new/random security testing throughout the lifetime of the card which may impact certification. The full terms and conditions upon which EMVCo Compliance Certificates are issued by EMVCo are contained in the EMVCo Security Evaluation Process Document and the EMVCo Security Evaluation Certification Contract.

User Guidance Documents:

- Pegasus - User Manual, v0.9.6, 11 Dec 2019
- Secure 32 bits CPU Embedded Application Binary Interface (EABI), v0.6, March 2013
- S8 Instruction Set Architecture, v1.2a, 28 Jan 2019
- Pegasus - Security Guidance, v0.8, 15 Feb 2024
- Pegasus Loader - User Manual - v1.1, 20 Dec 2019
- Guidance - Secure Delivery, v1.0, 12 Dec 2016
- Pegasus - Assembly Instructions, v0.4, 18 Apr2018
- Pegasus API Guide, v0.6, 6 Mar 2023

Certification Reference Documents:

- EMVCo Security Evaluation Process, v5.3, December 2022
- Security Guidelines for Smart Card Integrated Circuits, v2.2, December 2022

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