



EMVCo Product Approval (IC)

Please accept this document as confirmation of the EMVCo Security Evaluation process

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.

ICCN: ICCN0246

Date ICCN issued: 17 Jul 2017

ICCN Expiry Date: 17 Jul 2022

Company: Thales DIS Design Services SAS

Master Component: CENTAURUS_FB_04

Hardware Revision: rev. F

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 revision B - FLASH Firmware rev. 04

Crypto. library name / version: -

Other libraries name / version: -

Bootloader name / version: Loader v2.1

Security Laboratory: Leti

User Guidance: - Centaurus - User Manual, v1.5, 28 Mar 2018

- Secure 32 bits CPU Embedded Application Binary Interface (EABI), v0.6, Mar 2013

- Secure 32 bits CPU Instruction Set Architecture (ISA), v1.1b, 29 Jan 2019

- Centaurus Security Guidance, v2.0, 30 Apr 2021

- Centaurus Loader - User Manual, v1.4, 18 Aug 2017

- Guidance, Secure Delivery, v1.0, 12 Dec 2016

- Centaurus - Assembly Instructions, v0.5, 13 Dec 2016

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

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 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.