



Security Evaluation Certificate Software Protection Tool

Please accept this document as confirmation of the EMVCo Software-Based Mobile Payments Security Evaluation Process.

Evaluation Certificate Number: SECN0049.02

Date SECN Issued: 17 Feb 2021

Next security review due: 17 Feb 2025

Company Name: Quarkslab SAS

Address: 10 Bd Haussmann
Paris 75009 France

Product Name: Qshield Tool suite

Product Version: App Protection v1.20.3, Keys Protection v1.16.3 & 1.17.0 & Data Protection v1.7

OS Type and Version: -

Underlying Component Manufacturer: -

Underlying Component Name: - **Version:** -

Type: Obfuscation, White-Box Crypto, Device Binding, Root Detection, Anti-Instrumentation, Tamper Detection, Anti-Emulation

Security Laboratory: SGS Brightsight

User Guidance Documents:

- QShield App Protection html documentation, Version 1.20.3
- Quarks Keys Protection html documentation, Version 1.16.3
- Quarks Keys Protection html documentation, Version 1.17.0
- Qshield Data Protection html documentation, Version 1.7

Certification Reference Documents:

- EMVCo SBMP Security Evaluation Process, v1.7, August 2023
- EMVCo Security Guidelines, SBMP Software Protection Tools, v1.0, January 2019

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

Authorized by: Alan Mushing, SEWG Chair
EMVCo, LLC

Date: 21 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 SECN number must be mentioned to all other vendors or when shipping the product. The use of the SECN number is limited to the product as detailed below. Please also reference the SECN number in any communication with EMVCo.

The EMVCo SBMP Security Evaluation Process is intended to provide valuable and practical information relating to the general security performance characteristics and the suitability of use for software-based mobile payment related products. The EMVCo SBMP Security Evaluation Process is designed to ensure a robust security foundation for these products at component and solution levels. The EMVCo SBMP Security Evaluation Process is an evolving process in relation to new attack techniques and technology. EMVCo reserves the right to perform new/random security testing throughout the lifetime of the component or solution which may impact Security Evaluation Certificates. The full terms and conditions upon which EMVCo Security Evaluation Certificates are issued by EMVCo are contained in the EMVCo SBMP Security Evaluation Process document and the EMVCo Security Evaluation Contract.