



Maintenance Report

Version 1.0

3 August 2023

For

Thales Luna K7 Cryptographic Module

From

Thales

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Foreword

Certificate Maintenance refers to the process of recognising that changes made to a certified TOE are classified as 'minor' and thus have not adversely affected assurance in the TOE. This means that the assurance originally gained for the certified TOE also applies to the changed TOE. As they share the same assurance, no additional certificate will be issued. Upon successful assurance continuity, the maintenance report or the new certificate respectively will be posted on the Certified Product List.

The TOE identified in this Maintenance Report was assessed according to the Assurance Continuity Requirements set out by the CCRA and the developer's Impact Analysis Report (IAR). The baseline for this assessment is the Certification Report, the Security Target, and the Evaluation Technical Report of the product.

The resistance to attacks has not been re-assessed in the course of this maintenance process.

The Maintenance Report is considered to be an addendum to the Certification Report of the certified TOE. It provides details of the changes made to the certified TOEs that have been accepted under the maintenance process.

Amendment Record

| Version | Date | Changes |
|---------|--------------|----------|
| 1.0 | August, 2023 | Released |

NOTICE

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1 Introduction

This Maintenance Report for the Thales Luna K7 Cryptographic Module provides a conclusion on the maintenance procedure and considered to be an addendum to the Certification Report CSA_CC_22002.

The Thales Luna K7 Cryptographic Module (i.e. the TOE) is a Hardware Security Module (HSM) in the form of a PCI-E card (Thales Luna PCIe HSM). It is operated in a controlled environment and can be used either as a standalone device to be inserted in a server, or as a device embedded in a Thales Luna Network HSM.

The TOE can fulfil general purpose HSM use cases, where assured cryptographic services alongside generation and management of cryptographic keys is required.

The TOE is also suitable for use by Trust Service Providers (TSP) supporting electronic signature and electronic sealing operations, certificate issuance and revocation, time stamp operations, and authentication services.

2 Description of Changes

The change to the TOE is for an additional bootloader version 1.1.5 on top of the existing bootloader version 1.1.1, 1.1.2 and 1.1.4.

3 Affected Developer's Evidence

Modifications to the product necessitated changes to a subset of the developer evidence that was previously submitted for the TOE. The set of affected developer evidence was identified in the IAR.

Modifications to the security target were made to include the new bootloader version.

4 Conclusion

The changes to the maintained TOE is assessed to be minor (i.e. with no impact to security functionality of the TOE) and therefore re-evaluation is not required.

The assurance as outlined in the Certification Report is maintained for this version of the TOE.

5 References

- [1] Cyber Security Agency of Singapore (CSA), "SCCS Publication 1 - Overview of SCCS, Version 5.0," 2018.
- [2] Cyber Security Agency of Singapore (CSA), "SCCS Publication 2 - Requirements for CCTL, Version 5.0," 2018.
- [3] Cyber Security Agency of Singapore (CSA), "SCCS Publication 3 - Evaluation and Certification, Version 5.0," 2018.
- [4] Thales, "Thales Luna K7 Cryptographic Module Impact Analysis Report," 2023.
- [5] SGS Brightsight, "Thales Luna K7/K7+ Evaluation Technical Report Version4.0," 2023.
- [6] Cyber Security Agency of Singapore (CSA), "[CSA_CC_22002] Certificate Report Version 1.0 for Thales Luna K7 Cryptographic Module," 2022.
- [7] Thales, "Thales Luna K7 Cryptographic Module Security Target Revision N," 2022.