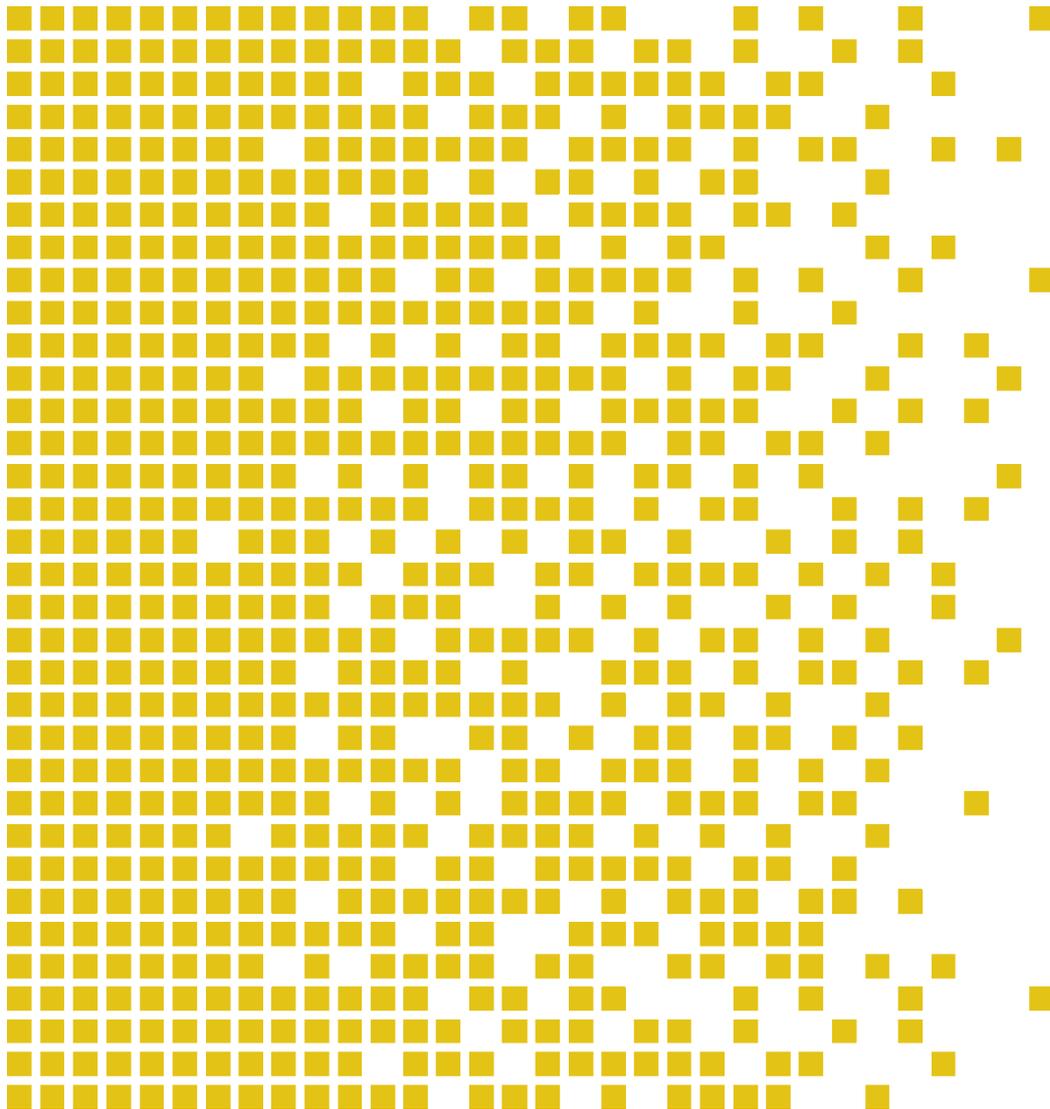# SERTIT-012 MR Maintenance Report

Issue 4.0, 29 April 2014.

Thales Operator Terminal Adapter (OTA)

Trusted Kernel version 3AQ 24860 AAAA 6.2.3
Firewall Definitions file 3AQ 24862 TPAA 6.2.1
Hardware Versions 3AQ 21564 AAAA ICS5A, -ICS7, -ICS7A, -ICS7B

1. Introduction

The certified TOE was evaluated according to Common Criteria version 2.3 and Evaluation Assurance Level EAL 5 augmented with ALC_FLR.3.

The IT Security Evaluation Facility (ITSEF/EVIT) was Secode Norge AS.

The sponsor/developer is Thales Norway AS. The Security Developer Analyst at Thales Norway for this Maintenance process was Bent Larsen.

Thales Norway submitted an Impact Analysis Report (IAR) [5] to SERTIT on April 1st 2014. The IAR is intended to satisfy requirements outlined in version 1.0 of the Common Criteria document CCIMB-2004-02-009: Assurance Continuity: CCRA Requirements. In accordance with those requirements, the IAR describes the changes made to the TOE.

2. Certified TOE identification:

Thales Operator Terminal Adapter (OTA) with

Trusted Kernel version:

- 3AQ 24860 AAAA 6.2.1

Firewall Definitions file:

- 3AQ 24862 EAAA 6.2.2

Hardware versions:

- 3AQ 21564 AAAA ICS5A
- 3AQ 21564 AAAA ISC7
- 3AQ 21564 AAAA ICS7A
- 3AQ 21564 AAAA ISC7B

Documents:

[1] Operator Terminal Adapter Security Target, 3AQ 24863 AAAA SCZZA Ed. 6.2.2, 30 October 2009.
[2] SERTIT-012 CR Certification Report, Issue 1.0, 24 March 2010
[3] SERTIT-012 C Certificate, Issue 1.0, 24 March 2010
[4] Evaluation Technical Report of the re-evaluation of the Operator Terminal Adapter – OTA, S22.86/20.06, 11.12.2009

3. Maintained TOE identification

Thales Operator Terminal Adapter (OTA) with

Trusted Kernel version:

- 3AQ 24860 AAAA 6.2.3

Firewall Definitions file:

- 3AQ 24862 TPAA 6.2.1

Hardware versions:

- 3AQ 21564 AAAA ICS5A
- 3AQ 21564 AAAA ISC7
- 3AQ 21564 AAAA ICS7A
- 3AQ 21564 AAAA ISC7B

Documents:

[5] Impact Analysis Report 3AQ 24863 TPAA IAR Ed. 6.2.1, 7 April 2014
[6] Operator Terminal Adapter Security Target, 3AQ 24863 AAAA SCZZA Ed. 6.2.6, 1 April 2014.
[7] OTA Firewall Module Test results 3AQ 21539 TPAA PKZZA Ed. 6.2.1
[8] OTA Integration Test Specification DOORS module ACCS v2.4 / IVV-OTA: Baseline TPAA 2.4.1
[9] SERTIT-012 MR Maintenance Report, Issue 4.0, 29 April 2014 (This document).

4. Description of Changes

The OTA hardware is unchanged.

The OTA Trusted Kernel and OTA firewall definition file has been subject to flaw remediation due to enhancements made to prevent possible flaws identified by the developer.

The flaw identification numbers for OTA Trusted Kernel are:

- FLIS 25475
- FLIS 25500

The flaw identification numbers for OTA firewall definition file are:

- FLIS 25316
- FLIS 25386
- FLIS 25499
- FLIS 25500

The flaws have been handled according to the flaw remediation procedures included in the Assurance Package of the certified and baselined TOE.

The OTA firewall definition file has been subject to assurance continuity because of change in version number for naming consistency.
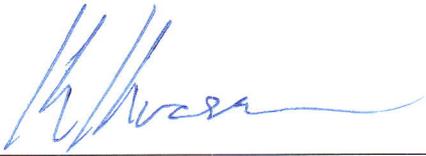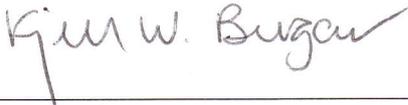
5. Affected Developer Evidence

Affected item	Modification purpose	Modification description
OTA Security Target	Reflecting the new variant of the OTA Firewall definition file	The new customised variant of the OTA Firewall definition file is included in the TOE specification. The TOE "Security Target" document now lists all customised variants of the OTA Firewall definition file. It is emphasised that the variants are mutual exclusive to the OTA Trusted Kernel.
Document status list	Reflecting all new editions of related documents	Variant code and version updated to reflect the content of the documents for the OTA software.
OTA Firewall module test results	All module test points tested for new variant.	Updated reference to OTA Firewall definition file, and test log.
DOORS module ACCS v2.4 / IVV-OTA: Baseline TRAA 2.4.1	Document the integration test results	Mandatory log of the results from the integration tests with the new OTA Firewall definition file.
OTA Firewall definition file	Reflecting changes due to Flaw Remediations and changed variant code for the FDF itself.	Trusted Kernel: - Access to read-only HW-timer. - Enhanced checking of packets. Firewall definition file: - Added 3 new ICMP messages. - Increased maximum length for SIP-response messages. - Increased length of one message from MFT (2 bytes) - Defined new legal port number Variant code: - Changed from TRAA to TPAA.

6. Conclusion

The modifications described do not change the basic architecture or functionality of the software handling the checking of packets and messages that are allowed to pass through the firewall.

The TOE's security functionality described by the Security Function Requirements specified in the ST [1] are not affected by these changes. Through functional testing of the OTA, assurance gained in the original TOE certification was maintained. As change to the TOE has been classified as minor, it is the conclusion of SERTIT that the maintained TOE is appropriate for assurance continuity and re-evaluation is not required.
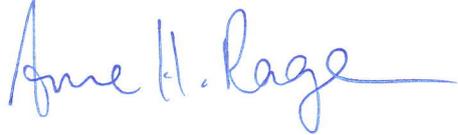
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Date approved	29 April 2014