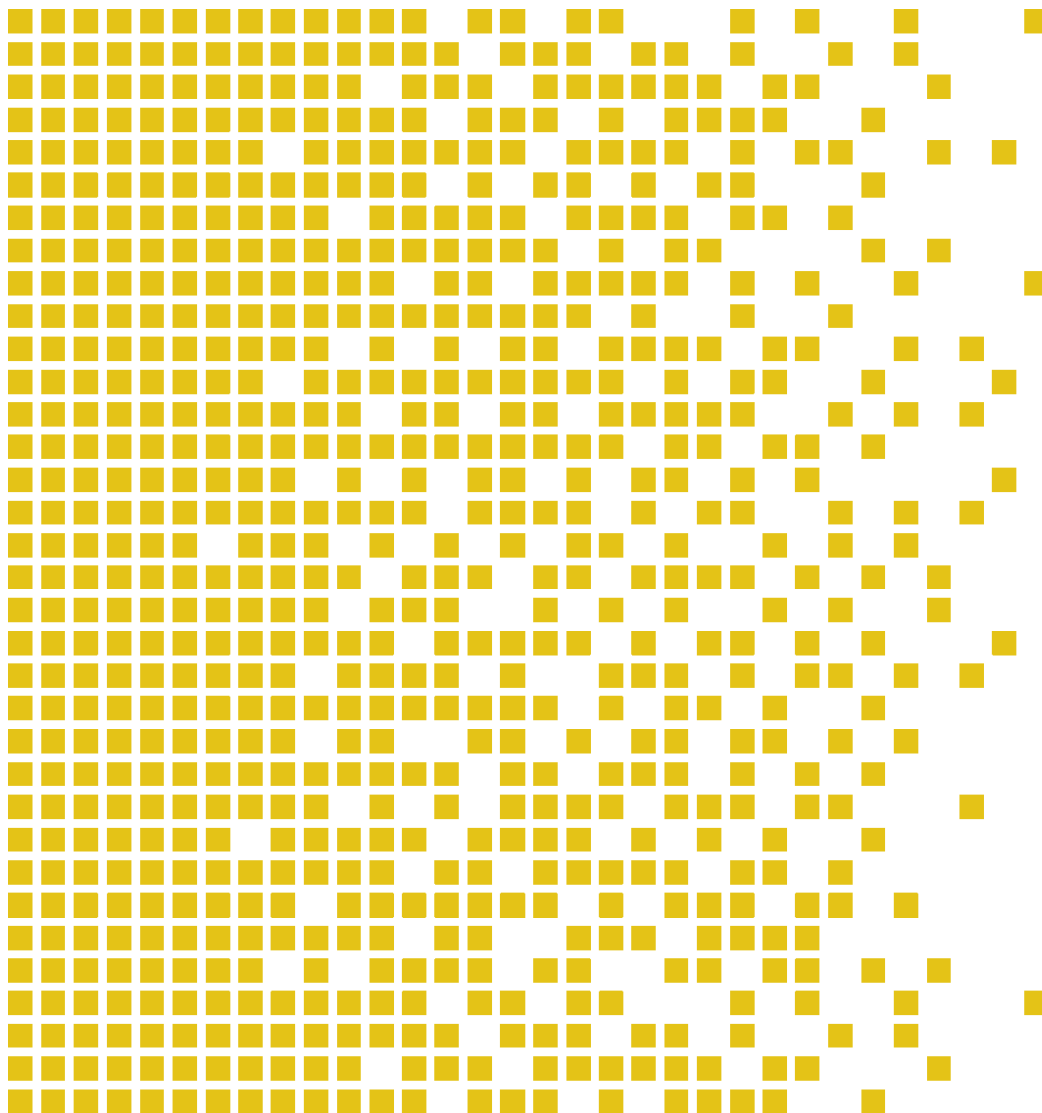# SERTIT-012 MR Maintenance Report

Issue 5.0, 02 July 2015.

Thales Operator Terminal Adapter (OTA)

Trusted Kernel version 3AQ 24860 AAAA 6.2.3
Firewall Definitions file 3AQ 24862 TPAA 6.2.26
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 Stein Sørensen.

Thales Norway submitted an Impact Analysis Report (IAR) [5] to SERTIT on May 9th 2015. The IAR is intended to satisfy requirements outlined in version 2.1 of the Common Criteria document "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 6.2.26

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. 6.2.26, 9 May 2015
[6] Operator Terminal Adapter Security Target, 3AQ 24863 AAAA SCZZA Ed. 6.2.7, 18 May 2015.
[7] OTA Firewall Module Test results 3AQ 21539 TPAA PKZZA Ed. 6.2.26
[8] OTA Integration Test Specification DOORS module ACCS v2.4 / IVV-OTA: Baseline TPAA 2.4.2
[9] SERTIT-012 MR Maintenance Report, Issue 5.0, 02 July 2015 (This document).

4. Description of Changes

The OTA hardware and OTA Trusted kernel are unchanged.

The OTA firewall definition file has been subject to flaw remediation

The flaw identification numbers for OTA firewall definition file are:

- FLIS 25580
- FLIS 25712
- FLIS 25937

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.

The assurance continuity identification numbers for OTA firewall definition file are:

- C5333
- C5366
- C5368
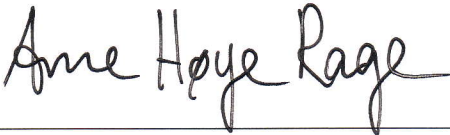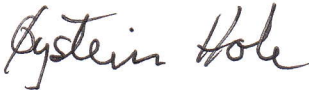
See table in chapter 5 for description of modificatons.

5. Affected Developer Evidence

Affected item	Modification purpose	Modification description
OTA Security Target	Reflecting the new variant of the OTA Firewall definition file	The updated customised variant of the OTA Firewall definition file is included in the TOE specification. The TOE "Security Target" document now lists all versions of 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	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 version.	Updated reference to OTA Firewall definition file, and test log.
DOORS module ACCS v2.4 / IVV-OTA: Baseline TRAA 2.4.2	Document the integration test results	Mandatory log of the results from the integration tests with the updated OTA Firewall definition file.
OTA Firewall definition file	Firewall configuration updated in accordance with customer needs and minor flaw remediations (i.e. the content of the Firewall Definition File)	SNMP: - new set of OIDs for SISAM system - new OIDs for VoIP security guard - OIDs for ACCS IPM MIB rearranged to enable use in ACEcom TCP: - new messages to the MFT-RS set IGMP: - "JOIN" message sent in internal message to black side to initiate sending voice packets to red side for recording Note: The added OIDs are tested in the same way as the other OIDs. The Trusted Kernel code performing the check of the messages including the OIDs is not changed.

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	02 July 2015