



**Australian Government**  
**Department of Defence**

# **Australasian Information Security Evaluation Program**

**Maintenance Report Supplementing  
Certificate Report 2011/77**

**22 July 2013  
Version 1.0**

Commonwealth of Australia 2013

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## Amendment Record

Version	Date	Description
1.0	22/7/13	Public release

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# Chapter 1 – Introduction

## 1.1 Purpose

This document is an addendum to the Certification Report (Ref [1]) that describes the relevant baseline evaluation of the Senetas CN Series Ethernet Encryptor, Senetas CS Series Ethernet Encryptor and CypherManager.

The purpose of this Maintenance Report is to describe the status of the assurance continuity activities undertaken by Senetas for the Senetas CN Series Ethernet Encryptor, Senetas CS Series Ethernet Encryptor and CypherManager against the requirements contained in the Assurance Continuity: CCRA Requirements (Ref [2]).

Senetas provided information about their assurance continuity activities in the form of an Impact Analysis Report (IAR). The IAR lists the changes made to the certified TOE, the evidence updated as the result of the changes and the security impact of the changes.

This report should be read in conjunction with:

- a) The certified TOE's Certification Report (Ref [1]).
- b) The certified TOE's Security Target v3.0 (Ref [4] which provides a full description of the security requirements and specifications that were used as the basis of the baseline evaluation.
- c) The Maintenance Report Supplementing Certification Report 2011/77, 19 Dec 2011, Version 1.0(Ref [3]).

## 1.2 Identification

**Table 1: Identification Information.**

Item	Identifier
Impact Analysis Report	Impact Analysis Report for Senetas CN Series Ethernet Encryptor & CS Series Ethernet Encryptor and CypherManager .
Evaluation Scheme	Australasian Information Security Evaluation Program
Maintained TOE	Senetas CN Series Ethernet Encryptor, Senetas CS Series Ethernet Encryptor and CypherManager.
Developer	Senetas Security Pty Ltd
Certified TOE	Senetas CN Series Ethernet Encryptor, Senetas CS Series Ethernet Encryptor and CypherManager. 4.02
Security Target	Security Target for

	Senetas CN Series Ethernet Encryptor Senetas CS Series Ethernet Encryptor CypherManager Version 3.0, 17th August 2011
Certificate Number	2011/77

Table 1 provides identification details for the evaluation. For details of all components included in the evaluated configuration refer to section 2.6.1 Evaluated Configuration of the Security Target (Ref [4]).

## Chapter 2 – IAR Summary

### 2.1 Description of changes

The Impact Analysis Report (IAR) indicated that the following minor changes have been made to the Senetas CN Series Ethernet Encryptor, Senetas CS Series Ethernet Encryptor and CypherManager.

**Table 2: Model Changes**

ID	Description	Certified version	Changed version
A5135B	CN1000 Ethernet 1G(SFP) AC Unit	4.0.2	4.3.0
A5141B	CN1000 Ethernet 1G(SFP_RJ45) AC Unit	4.0.2	4.3.0
A5203B	CN3000 Ethernet 10 G AC Unit	4.0.2	4.3.0
A5204B	CN3000 Ethernet 10 G DC Unit	4.0.2	4.3.0
A5175B	CYPHERNET FIBRE CHANNEL 4G AC UNIT	4.0.2	4.3.0
A5165B	CYPHERNET SONET OC-48/STM16 – SONET/SDH	4.0.2	4.3.0
A5213B	CYPHERNET SONET OC-192/STM64 – SONET/SDH	4.0.2	4.3.0
A5214B	CYPHERNET SONET OC-192/STM64 – SONET/SDH	4.0.2	4.3.0
	CypherManager	6.6.0	7.2.0

### 2.2 Software changes

Version 4.3 release is for the branding of the units for SafeNet/Senetas to ensure consistency with the reseller. The overall impact of the bug fixes is minor. Each fix was applied to make the TOE function as originally intended, no additional security functionality was added, and no existing security functionality was removed.

Types of minor bug fixes that are not related to the TSF include:

- Version 4.3.0 adopts the x86 code base features including PKI/IGMP snooping support/ MPLS Support previously evaluated in Senetas CN/CS Series Encryptor Range & Senetas CM Management Application.

## **2.3 Hardware changes**

The only physical difference will be the rebranded front fascia and serial number label. Model numbers will remain the same for this rebranding effort.

## **2.4 Documentation Updated:**

The certified Security Target was 'Senetas CN Series Ethernet Encryptor, Senetas CS Series Ethernet Encryptor and CypherManager'. Version 3.0, 17th August 2011. No changes were required to this document.

The test evidence is the only evaluation evidence to change. Senetas test evidence verifying that the 4.3.0 functions correctly has been provided.(Ref [5])



## **Chapter 3 - Assurance Continuity**

### ***3.1 Assurance Continuity Result***

After consideration of the Impact Analysis Report (IAR) provided by Senetas, Australasian Certification Authority (ACA) has determined that the proposed changes are minor. The ACA agrees that the resultant change in the TOE can be classified as minor and that certificate maintenance is the correct path to continuity of assurance. The ACA agrees that the original assurance result is maintained for Senetas CN Series Ethernet Encryptor, Senetas CS Series Ethernet Encryptor and CypherManager.

# References and Abbreviations

## A.1 References

1. Certification Report 2011/77, 5 Sept 2011, Version 1.0 Australasian Certification Authority.
2. Assurance Continuity: CCRA requirements, Common Criteria Interpretation Management Board, CCIMB-2004-02-009, Version 1.0, February 2004.
3. Maintenance Report Supplementing Certification Report 2011/77 19 Dec 2011 Version 1.0
4. Security Target: Senetas CN Series Ethernet Encryptor, Senetas CS Series Ethernet Encryptor and CypherManager. Version 3.0, 17 Aug 2011.
5. Senetas Test Evidence: 14 Jun 2013. & Senetas Sonet Software / Firmware QA 26 March 2013.
6. Impact Analysis Report for Senetas CN Series Ethernet Encryptor, Senetas CS Series Ethernet Encryptor, CypherManager. June 2013.

## A.2 Abbreviations

ACA	Australasian Certification Authority
AISEP	Australasian Information Security Evaluation Program
CC	Common Criteria
CCRA	Common Criteria Recognition Arrangement
DSD	Defence Signals Directorate
EAL	Evaluation Assurance Level
IAR	Impact Analysis Report
TOE	Target of Evaluation
TSF	TOE Security Function