



Maintenance Report

NOKIA Firewall/VPN Appliances

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1 Introduction

On 28 October 2005, Check Point Technologies Incorporated developer of the TOE, the Check Point VPN-1/FireWall-1 Next Generation AI R55 with HFA_14, submitted an Impact Analysis Report to the CCS Certification Body on behalf of NOKIA, the developer of the Nokia IP260, IP265, IP350, IP355, IP380, IP385, IP1220, IP1260, IP2250 Firewall/VPN Appliances which incorporate the Check Point Technologies Incorporated VPN-1/FireWall-1 Next Generation AI R55 with HFA_14.

The Impact Analysis Report 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 Impact Analysis Report (IAR) describes the changes made to the NOKIA IP260, IP265, IP350, IP355, IP380, IP385, IP1220, IP1260, IP2250 Firewall/VPN Appliances with Check Point Technologies Incorporated VPN-1/FireWall-1 Next Generation AI R55 with HFA_14 (the maintained Target of Evaluation), hereafter referred to as the NOKIA Firewall/VPN Appliances, the evidence updated as a result of the changes, and the security impact of the changes.

2 Description of changes

The changes listed in the IAR include changes made to the Check Point VPN-1/FireWall-1 Next Generation from Feature Pack 2 to R55 with HFA_14. Additionally, the IAR took into consideration changes made from version 3.5.1 to version 3.9 of the IP Secure Operating System (IPSO), the underlying operating system developed by Nokia Corporation.

The following characterizes the changes implemented in the NOKIA Firewall/VPN Appliances. For each change, it was verified that there were no required changes to the security functional requirements in the ST, and thorough functional and regression testing was conducted by the TOE developer to ensure that the assurance in the Target of Evaluation (TOE) was maintained. The changes in NOKIA Firewall/VPN Appliances comprise software changes that:

- restore the expected functionality of the TOE (bug fixes); and
- add performance enhancements to the TOE;

3 Description of Changes to the IT Environment

Changes to the underlying IT Environment are permissible under assurance continuity provided that the original ST did not place any SFRs on the elements being changed or added to. A modified ST was provided which included a list of additional operating systems and compatible hardware. Complete regression testing of the TOE was performed on all platforms. The additional operating systems and compatible hardware are:

Operating Systems:

- IPSO version 3.9
- Windows 2000 SP4
- Windows XP SP2
- Windows Server 2003

Compatible Hardware:

- Nokia IP260
- Nokia IP265
- Nokia IP350
- Nokia IP355
- Nokia IP380
- Nokia IP385
- Nokia IP1220
- Nokia IP1260
- Nokia IP2250

4 Affected developer 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, and revised versions of all affected developer evidence were submitted.

Modifications to the security target were made to reflect the new product version, as well as to include the expanded list of compatible underlying hardware and operating systems.

5 Conclusions

All changes to the TOE were features changes and isolated corrections to the product. Through functional and regression testing of the NOKIA Firewall/VPN Appliances, assurance gained in the original TOE certification was maintained. As all of the changes to the TOE have been classified as minor, it is the conclusion of the CB that the maintained TOE is appropriate for assurance continuity and re-evaluation is not required.

6 References

[Assurance Continuity: CCRA Requirements, CCIMB-2004-02-009, version 1.0, February 2004](#)

[Technical Oversight for Assurance Continuity of a certified TOE, version 1.0, 18 June 2004](#)

[Certification Report for the EAL4 Evaluation of the Nokia IP130, IP350, and IP380 Firewall/VPN Appliances with Check Point Software Technologies Incorporated VPN-1/FireWall-1 Next Generation Feature Pack 2](#)