RELEASE NOTES:

Alteon Switched Firewall™
Release 3.5.1

Part Number: 215041-E, October 2003

NORTEL
NETWORKS™

Export

This product, software and related technology is subject to U.S. export control and may be subject to export or import regulations in other countries. Purchaser must strictly comply with all such laws and regulations. A license to export or reexport may be required by the U.S. Department of Commerce.

Licensing

This product includes software developed by Check Point Software Technologies (http://www.checkpoint.com). This product also contains software developed by other parties.

For more information, see Appendix D, "Software Licenses," in the ASF 3.5.1 User's Guide and Command Reference.

Common Criteria Certified Software

 For more details, see Appendix E, "Common Criteria Certified Software" in the ASF 3.5.1 User's Guide and Command Reference.

Regulatory Compliance

International regulatory statements of conformity

This is to certify that the Nortel Networks 8000 Series chassis and components installed within the chassis were evaluated to the international regulatory standards for electromagnetic compliance (EMC) and safety and were found to have met the requirements for the following international standards:

- EMC - Electromagnetic Emissions – CISPR 22, Class A

- EMC - Electromagnetic Immunity – CISPR 24

- Electrical Safety – IEC 60950, with CB member national deviations

Further, the equipment has been certified as compliant with the national standards as detailed below.

National electromagnetic compliance (EMC) statements of compliance

FCC statement (USA only)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy. If it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case users will be required to take whatever measures may be necessary to correct the interference at their own expense.

ICES statement (Canada only)

Canadian Department of Communications Radio Interference Regulations

This digital apparatus does not exceed the Class A limits for radio-noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Règlement sur le brouillage radioélectrique du ministère des Communications

Cet appareil numérique respecte les limites de bruits radioélectriques visant les appareils numériques de classe A prescrites dans le Règlement sur le brouillage radioélectrique du ministère des Communications du Canada.

CE marking statement (Europe only)

EN 55 022 statements

This is to certify that the Nortel Networks equipment are shielded against the generation of radio interference in accordance with the application of Council Directive 89/336/EEC. Conformity is declared by the application of EN 55 022 Class A (CISPR 22).

Warning: This is a Class A product. In a domestic environment, this product may cause radio interference, in which case, the user may be required to take appropriate measures.

Achtung: Dieses ist ein Gerät der Funkstörgrenzwertklasse A. In Wohnbereichen können bei Betrieb dieses Gerätes Rundfunkstörungen auftreten, in welchen Fällen der Benutzer für entsprechende Gegenmaßnahmen verantwortlich ist.

Attention: Ceci est un produit de Classe A. Dans un environnement domestique, ce produit risque de créer des interférences radioélectriques, il appartiendra alors à l'utilisateur de prendre les mesures spécifiques appropriées.

EN 55 024 statement

This is to certify that the Nortel Networks equipment is shielded against the susceptibility to radio interference in accordance with the application of Council Directive 89/336/EEC. Conformity is declared by the application of EN 55 024 (CISPR 24).

EC Declaration of Conformity

This product conforms to the provisions of the R&TTE Directive 1999/5/EC.

VCCI statement (Japan/Nippon only)

This is a Class A product based on the standard of the Voluntary Control Council for Interference (VCCI) for information technology equipment. If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective actions.

> この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準
> に基づくクラスＡ情報技術装置です。この装置を家庭環境で使用すると電波
> 妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ず
> るよう要求されることがあります。

BSMI statement (Taiwan only)

This is a Class A product based on the standard of the Bureau of Standards, Metrology and Inspection (BSMI) CNS 13438, Class A.

警告使用者：
這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻
干擾，在這種情況下，使用者會被要求採取某些適當的對策。

MIC notice (Republic of Korea only)

This device has been approved for use in Business applications only per the Class A requirements of the Republic of Korea Ministry of Information and Communications (MIC). This device may not be sold for use in a non-business application. Reference Regulatory label on the base of the equipment for specific Korean approval information.

NORTEL NETWORKS

National Safety Statements of Compliance

CE marking statement (Europe only)

EN 60 950 statement

This is to certify that the Nortel Networks equipment are in compliance with the requirements of EN 60 950 in accordance with the Low Voltage Directive. Additional national differences for all European Union countries have been evaluated for compliance. Some components installed within the 8000 Series chassis may use a nickel-metal hydride (NiMH) and/or lithium-ion battery. The NiMH and lithium-ion batteries are long-life batteries, and it is very possible that you will never need to replace them. However, should you need to replace them, refer to the individual component manual for directions on replacement and disposal of the battery.

Lithium Battery Cautions

Caution—This product contains a lithium battery. Batteries are not customer replaceable parts. They may explode if mishandled. Do not dispose of the battery in fire. Do not disassemble or recharge.

(Norge) ADVARSEL—Litiumbatteri - Eksplosjonsfare. Ved utskifting benyttes kun batteri som anbefalt av apparatfabrikanten. Brukt batteri returneres apparatleverandøren.

(Sverige) VARNING—Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

(Danmark) ADVARSEL! Litiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren.

(Suomi) VAROITUS—Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

Safety Information

Caution—Nortel Networks products are designed to work with single-phase power systems having a grounded neutral conductor. To reduce the risk of electric shock, do not plug Nortel Networks products into any other type of power system. Contact your facilities manager or a qualified electrician if you are not sure what type of power is supplied to your building.

Caution—Not all power cords have the same ratings. Household extension cords do not have overload protection and are not meant for use with computer systems. Do not use household extension cords with your Nortel Networks product.

Caution—Your Nortel Networks product is shipped with a grounding type (three-wire) power cord. To reduce the risk of electric shock, always plug the cord into a grounded power outlet.

NOM statement (Mexico only)

The following information is provided on the devices described in this document in compliance with the safety requirements of the Norma Oficial Méxicana (NOM):

Exporter:Nortel Networks, Inc.
4655 Great America Parkway
Santa Clara CA 95054 USA

Importer:Nortel Networks de México, S.A. de C.V.
Avenida Insurgentes Sur #1605
Piso 30, Oficina
Col. San Jose Insurgentes
Deleg-Benito Juarez
México D.F. 03900

Tel:52 5 480 2100

Fax: 52 5 480 2199

Input:100 to 240 VAC, 50 to 60 Hz, 9 A max. per power supply
single supply, or + one redundant supply configurations

Información NOM (unicamente para México)

La información siguiente se proporciona en el dispositivo o en los dispositivos descritos en este documento, en cumplimiento con los requisitos de la Norma Oficial Méxicana (NOM):

Exportador: Nortel Networks, Inc.
4655 Great America Parkway
Santa Clara, CA 95054 USA

Importador: Nortel Networks de México, S.A. de C.V.
Avenida Insurgentes Sur #1605
Piso 30, Oficina
Col. San Jose Insurgentes
Deleg-Benito Juarez
México D.F. 03900

Tel: 52 5 480 2100

Fax:52 5 480 2199

Embarcar a:100 to 240 V CA, 50 to 60 Hz, 9 A max. por fuente de poder
una fuente o una + configuraciones de una fuente redundante

Release Notes

These release notes provide the latest information regarding your Alteon Switched Firewall, version 3.5.1 and higher. This release of the software is supported on the Alteon Switched Firewall model 6414 only.

This document is a supplement to the complete documentation suite. Please keep this document with your product manuals. For additional technical questions regarding the product architecture and features, refer to the product documentation.

- *Alteon Switched Firewall User's Guide and Command Reference*
  (part number 215709-A)
- *Alteon Switched Firewall Hardware Installation Guide*
  (part number 215712-A)
- *Alteon Switched Firewall Browser-Based Interface Quick Access Guide*
  (part number 215710-A)

These documents are available on the Web. The manuals are PDF files which can be read and printed using the free Acrobat Reader software available from Adobe Systems Incorporated (http://www.adobe.com). To obtain a manual in hardcopy format, contact your Nortel Networks sales representative and order the part numbers.

Late-Breaking News

The above documents refer to other Firewall models 5710, 5610, 5408, and 5308 which are not supported in this release (ASF 3.5.1) of the software.

Please check your software and documentation for any readme.txt file. The readme file may contain important information regarding the product. View the file in any standard text editor.

Release 3.5.1 Changes

Software Support

Alteon Switched Firewall version 3.5.1 supports Check Point™ FireWall-1® NG with Application Intelligence software.

This version of ASF software is supported on Linux 2.4 kernel.

New Hardware Support

ASF 3.5.1 runs on the new hardware platform, 6414 which can support up to 600K concurrent connections. The new hardware platform 6414 consists of the Firewall Accelerator 6400 and the new Firewall Director 5014.

- Firewall Accelerator 6400 increases port density and more memory for dramatically increased performance.

- Firewall Director 5014 with one dual port fiber Gig and two 10/100/1000BaseT Copper Gigabit Ethernet ports.

Secure XL Support

ASF 3.5.1 supports SecureXL™ 2.1 and SecureXL 2.0.

Load Balance IDS Servers

ASF 6414 is designed to load balance traffic to Intrusion Detection System (IDS) servers which perform in-depth traffic analysis and detects inappropriate, incorrect, or anomalous activity on your network. In addition to load balancing IDS systems, ASF supports port mirroring which allows specific network ports to be monitored by replicating the traffic to another port.