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4655 Great America Parkway  
Santa Clara, CA 95054

# Release Notes for Alteon Switched Firewall, Release 3.5.6



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**NORTEL**

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## **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 the BayStack 5500 Switch 3.5.4 User’s Guide and Command Reference.

## **Common Criteria Certified Software**

For more details, see the BayStack 5500 Switch 3.5.4 User’s Guide and Command Reference.

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## 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:

- n EMC - Electromagnetic Emissions – CISPR 22, Class A
- n EMC - Electromagnetic Immunity – CISPR 24
- n 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 Nortel equipment is 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 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。

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## 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.

## National Safety Statements of Compliance

### CE marking statement (Europe only)

#### EN 60 950 statement

This is to certify that Nortel equipment is 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 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 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 product.

**Caution**—Your Nortel 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.

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## **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 Mexicana (NOM):

Exporter: Nortel Networks, Inc.  
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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 Mexicana (NOM):

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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

## Revision History

<b>Date Revised</b>	<b>Version</b>	<b>Reason for revision</b>
November 2005	1.00	New document for Release 3.5.6.



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## Introduction

These Release Notes provide the latest information about the Alteon Switched Firewall (ASF), Release 3.5.6, and issues not included in the documentation suite. For a list of documentation in the Alteon Switched Firewall suite, consult [“Related publications” on page 13](#).

## Release 3.5.6 software support

Alteon Switched Firewall, Release 3.5.6, supports Check Point™ FireWall-1® NG with the following software:

- Application Intelligence NG R54 and Hotfix Accumulator 414 (HFA\_414)
- Application Intelligence NG R55 and Hotfix Accumulator 16 (HFA\_16)
- Application Intelligence NGX R60

## Release 3.5.6 hardware support

[Table 1](#) lists the supported hardware platforms for Alteon Switched Firewall, Release 3.5.6.

**Table 1** Supported hardware (Sheet 1 of 2)

ASF platform	Firewall Accelerator models	Firewall Director models
5714	5700	5014
5710	5700	5010
5614	5600	5014
5610	5600	5010
5409	5400	5009
5408	5400	5008

**Table 1** Supported hardware (Sheet 2 of 2)

ASF platform	Firewall Accelerator models	Firewall Director models
5309	5300	5009
5308	5300	5008

**Note:** Alteon Switched Firewall, Release 3.5.6 does not support the 6400 and 6600 Accelerators. Nortel recommends that you use ASF version 4.0.3 or NSF version 4.1.1 with installations of 6400 or 6600 Accelerators.

## New features in Release 3.5.6

### Configuring the Gateway Cluster Object for R60

To configure the Gateway Cluster Object for R60 SmartDashboard for ASF, use the guidelines in [Table 2](#).

**Table 2** ASF R60 SmartDashboard configuration guidelines

Configuration	Action
Create cluster object	On the Gateway Cluster Properties page, in the Check Point products list, do the following: <ol style="list-style-type: none"> <li>1. Deselect <b>ClusterXL</b>.</li> <li>2. Deselect <b>VPN</b>, if applicable.</li> </ol> <b>TIP:</b> In the Check Point products list, VPN and ClusterXL are selected by default .
Define gateway cluster	On the Gateway Cluster Properties page, configure the 3rd Party Configuration as follows: <ol style="list-style-type: none"> <li>1. Mandatory—Set <b>Cluster Operation Mode</b> to <b>Load Sharing</b>.</li> <li>2. Mandatory—Define <b>3rd Party Solution</b> as <b>OPSEC</b>.</li> <li>3. Mandatory—Set <b>support non-sticky connections</b> to <b>Yes</b>.</li> <li>4. Set <b>Hide Cluster members' outgoing traffic behind Cluster IP Address</b> to <b>No</b>.</li> <li>5. Set <b>Forward Cluster incoming traffic to Cluster member IP Address</b> to <b>No</b>.</li> </ol>
Configure Check Point synchronization interface	To configure the synchronization interface, use the Topology page. <b>TIP:</b> In R54 and R55, Check Point synchronization is on the Synchronization tab in the Gateway Cluster Properties page.

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For a detailed description of the R60 SmartDashboard configuration, refer to the Check Point User Guide.

## Related publications

For more information about the Alteon Switched Firewall, refer to the publications listed in [Table 3](#).

**Table 3** Nortel Switched Firewall Release 3.5.6 Documentation

Document Type	Document Title	Part Number
Installation Guide	<i>Alteon Switched Firewall 3.5.4 Hardware Installation Guide</i>	215712-C
User Guide	<i>Alteon Switched Firewall 3.5.4 Browser-Based Interface Quick Access Guide</i>	215710-C
User Guide	<i>Alteon Switched Firewall 3.5.4 User's Guide and Command Reference</i>	215709-C

## How to get help

This section explains how to get help for Nortel products and services.

### Getting help from the Nortel web site

Technical support for Nortel products is available on the Nortel Technical Support web site at [www.nortel.com/support](http://www.nortel.com/support).

The Nortel Technical Support web site delivers quick access to software, documentation, bulletins, and tools to provide technical support for Nortel products.

You can use the Nortel Technical Support web site to do the following:

- download technical information, including the following items:
  - software

- documentation
- product bulletins
- search the Technical Support web site and the Nortel Knowledge Base for answers to technical questions
- sign up for automatic notification of new software and documentation for Nortel equipment
- open and manage technical support cases

## **Getting help over the telephone from a Nortel Solutions Center**

If you do not find the information you require on the Nortel Technical Support web site, you can get help over the telephone from a Nortel Solutions Center. You must have a Nortel support contract to use the Nortel Solutions Center.

To reach a Nortel Solutions Center, do one of the following;

- In North America, call 1–800–4NORTEL (1–800–466–7835).
- Outside North America, go to the following web site to obtain the telephone number for your region: [www.nortel.com/callus](http://www.nortel.com/callus).

## **Using an Express Routing Code to get help from a specialist**

You can find Express Routing Codes (ERC) for many Nortel products and services on the Nortel Technical Support web site. ERCs allow you to connect directly to service and support organizations based on specific products or services.

To locate the ERC for your product or service, go to [www.nortel.com/erc](http://www.nortel.com/erc).

## **Getting help through a Nortel distributor or reseller**

If you purchased a service contract for your Nortel product from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller.