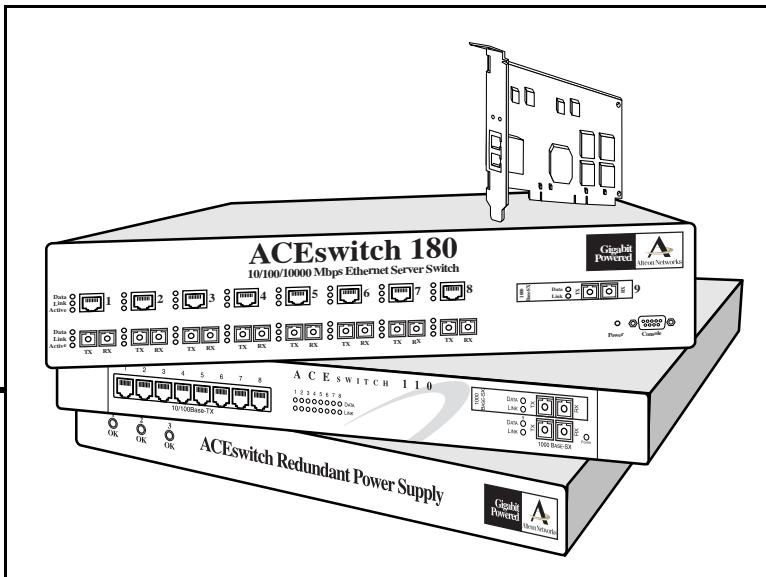


# RELEASE NOTES:

## Installation and User's Guide



## ACEswitch™ 110-PLUS

With ACElerate Layer 4 Switching Software



50 Great Oaks Boulevard  
San Jose, California 95119  
408-360-5500 Main  
408-360-5501 Fax  
[www.alteon-networks.com](http://www.alteon-networks.com)

Part Number: 050017, Revision C  
March 1998

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### **Regulatory Compliance**

**FCC Class A Notice:** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1. This device may not cause harmful interference. 2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the 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 and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

### **Do not make mechanical or electrical modifications to the equipment.**

**VCCI Class 1:** The equipment is Type 1 Data Processing Equipment and is intended for use in commercial and industrial districts. It has been tested and found to comply with VCCI technical requirements for the purpose of protection against electronic interference. When used in residential districts or their peripheral areas, radio, and TV receiver units may be subject to radio interference. The operation should be done in accordance with the Instruction Manual.

**CE Notice:** The CE mark on this equipment indicates that this equipment meets or exceeds the following technical standards: EN50082-1, EN55022, EN60555-2, EN61000-4-1, EN61000-4-2, EN61000-4-3, EN61000-4-4, and EN61000-4-5.

**Safety Information is included in the *ACEswitch 110 Installation and User's Guide*.**





# ACElerate Layer 4 Switching Software is Pre-Enabled

---

Thank you for purchasing the ACEswitch 110-*PLUS*. This switch has built-in ACElerate Layer 4 Switching Software which features the following:

- Server Load Balancing
- Application Redirection

Since the ACElerate software has been *pre-enabled* at the factory, you are not required to enter a software key password, as would otherwise be necessary if the software were purchased separately.

Server Load Balancing and Application Redirection are ready for configuration and use as described in your *ACElerate Switch Software User's Guide* for Release 4.





# Release Notes

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These release notes provide the latest information regarding your ACEswitch 110-*PLUS* with Release 4.0 software (and above). This supplement modifies information found in the complete documentation:

- *ACElerate Switch Software User's Guide* for Release 4 (part number 050031, Revision A)
- *ACEswitch 110 Installation and User's Guide* (part number 050001, Revision C)

Please keep this information with your Alteon Networks product manuals.

## ACEswitch 110-*PLUS* Release 4 Limitations

Some Release 4 software features are limited or not available on the ACEswitch 110-*PLUS*. Please note the following ACEswitch 110-*PLUS* limitations when referring to your *ACElerate Switch Software User's Guide* for Release 4:

- Port Trunk Groups are not available
- IP Routing is not available
- ACEvision web-browser interface is not available
- RMON is not available
- Alteon Networks Enterprise SNMP MIB is not available
- IP Filtering is limited to 64 filters instead of 224

## Gigabit Ethernet Link Negotiation

The ACEswitch 110-*PLUS* conforms to the IEEE 802.3z standard for Gigabit Link Autonegotiation. Although this product conforms to the standard, it may not autonegotiate gigabit link with early versions of Alteon Networks' ACEnic and switch software, or early, non-compliant versions of other vendors' equipment.

For autonegotiation to work properly, make sure that connected Alteon Networks equipment has the following release level:

- Alteon Networks ACElerate Software, release 2.0 or greater
- Alteon Networks ACEnic for Windows NT, release 1.5.21 or greater

- Alteon Networks ACEnic for Novell NetWare, release 1.0 or greater
- Alteon Networks ACEnic for Solaris, release 2.0 or greater

The default configuration for Link Negotiation for each port is “auto.” If there is a problem autonegotiating a gigabit link on any port(s), turn autonegotiation off for the affected gigabit port(s). This is done from the switch’s command-line interface. Log in as `admin`, and use the following command to turn autonegotiation off for a specific port:

```
/cfg/port port-number/auto off
```

When connecting to a device that does not support Link Negotiation, be sure to configure the proper speed and duplex settings configuration for the link.

### Flow Control is Limited

Flow control is listed as an option in the command-line interface, but can only be set to `none` or `rx` (receive flow control). The `tx` and `both` settings are not implemented in this release.

### Alignment Error Reporting

The `dot3StatsAlignmentErrors` in the Ethernet Port Statistics report does not correspond to the actual number of alignment errors. It should only be used as an indication that Alignment errors have occurred. The report is displayed using the following switch command:

```
/stats/port port_number/ether
```

## Late-Breaking News and Support

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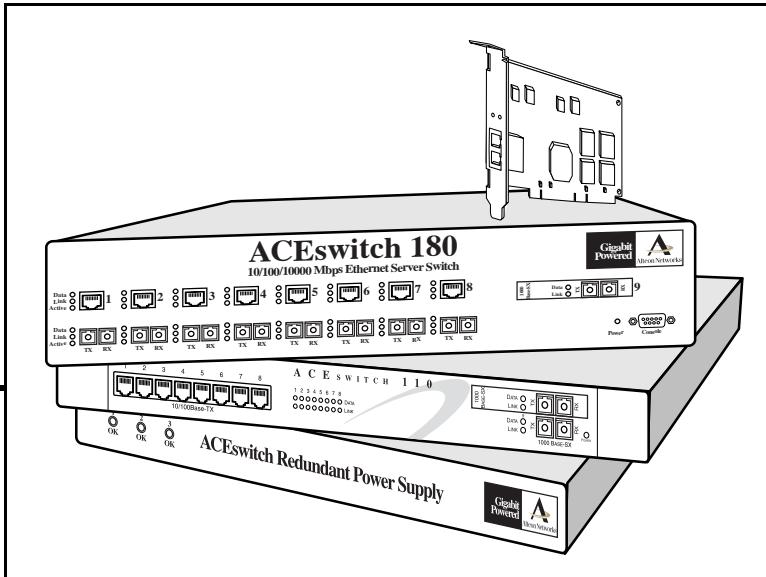


Web access: [www.alteon-networks.com](http://www.alteon-networks.com)

Questions? Check the URL for Alteon Networks Online Information. This web site includes product information, software updates, release notes, and white papers. The web site also includes access to Alteon Networks Customer Support for accounts under warranty or that are covered by a maintenance contract.

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## Late-Breaking News and Support

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Questions? Check the URL for Alteon Networks Online Information. This web site includes product information, software updates, release notes, and white papers. The web site also includes access to Alteon Networks Customer Support for accounts under warranty or that are covered by a maintenance contract.