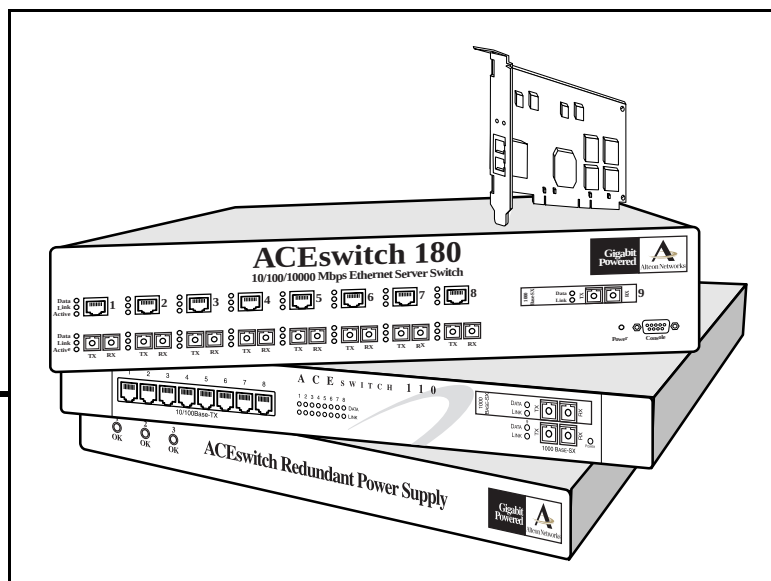


# RELEASE NOTES:

## Installation and User's Guide



# ACEswitch™ 180

## 10/100/1000 Mbps Ethernet Server Switch



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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 180 Installation and User's Guide*.**



# Release Notes

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These release notes provide the latest information regarding your ACESwitch 180 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 180 Installation and User's Guide* (part number 050009, Revision B)

Please keep this information with your Alteon Networks product manuals.

## Gigabit Ethernet Link Negotiation

The ACESwitch 180 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/gig/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.

## Establishing a Link at Near Line Rate

The switch ports may have trouble establishing a link if a connecting device is transmitting at or near line rate.

## Port 9 Configuration Options

Although port 9 has no physical connector for 10/100 Fast Ethernet, the Port menu (/cfg/port 9) depicts physical 10/100 connector configuration options. The menu options for 10/100 Fast Ethernet on port 9 are disregarded.

## Late-Breaking News and Support



Web access: <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.