About This Manual

The *NETGEAR® GS700TS Smart Switch Software Administration Manual* describes how to install, configure, operate, and troubleshoot the GS700TS Gigabit Stackable Smart Switch using its included software. This book describes the software configuration procedures and explains the options available within those procedures.

Who Should Use this Book

The information in this manual is intended for readers with intermediate to advanced system management skills.

This document was created primarily for the system administrator who wishes to install and configure the GS700TS Smart Switch in a network. This user guide assumes that the reader has a general understanding of switch platforms and a basic knowledge of Ethernet and networking concepts. To install this switch, it is not necessary to understand and use all of its capabilities. Once basic configuration is performed, the switch operates using the remaining factory default parameters. However, a greater level of configuration—anywhere from the basic up to the maximum possible—will allow your network the full benefit of the switch's features. The web interface simplifies this configuration at all levels.

How to Use This Book

This document describes configuration commands for the GS700TS Smart Switch software. The commands can all be accessed from the Web interface.

- Chapter 1, "Getting Started with Switch Management" describes how to use the SmartWizard Discovery utility to set up your switch so that you can communicate with it.

- Chapter 2, "Introduction to the Web Browser Interface" introduces the Web browser interface.

- Chapter 3, "Managing System Settings" describes how to configure the System functions.

- Chapter 4, "Configuring Switching Settings" describes how to configure the Switching functions.

- Chapter 5, "Configuring QoS" describes how to configure QoS functions.

- Chapter 6, "Managing Security" describes how to configure security.

- Chapter 7, "Monitoring the Switch" describes how to configure switch monitoring.

- Chapter 8, "Maintenance" describes the firmware upgrade procedure and reset functions.

- Chapter 9, "Online Help" describes how to obtain online help and support.

- Appendix A, "Default Settings" gives GS700TS Smart Switch specifications and lists default feature values.

Note: Refer to the product release notes for the GS700TS Smart Switch Software application level code. The release notes detail the platform specific functionality of the Switching, SNMP, Config, and Management packages.

Conventions, Formats, and Scope

The conventions, formats, and scope of this manual are described in the following paragraphs:

- **Typographical Conventions.** This manual uses the following typographical conventions:

Italics	Emphasis, books, CDs, file and server names, extensions
Bold	User input, IP addresses, GUI screen text
Fixed	Command prompt, CLI text, code
italics	URL links

- **Formats.** This manual uses the following formats to highlight special messages:

Note: This format is used to highlight information of importance or special interest.

Tip: This format is used to highlight a procedure that will save time or resources.

Warning: Ignoring this type of note may result in a malfunction or damage to the equipment.

> ⚠️ **Danger:** This is a safety warning. Failure to take heed of this notice may result in personal injury or death.

- **Scope.** This manual is written for the GS700TS Smart Switch according to these specifications:

Product Version	GS700TS Gigabit Stackable Smart Switch
Manual Publication Date	December 2007

> → **Note:** Product updates are available on the NETGEAR, Inc. website at
> *http://www.netgear.com/support*.

How to Use This Manual

The HTML version of this manual includes the following:

- Buttons ⬚ > and ⬚ < for browsing forwards or backwards through the manual one page at a time.
- A ⬚ button that displays the table of contents and a ⬚ button. Double-click on a link in the table of contents or index to navigate directly to where the topic is described in the manual.
- A ⬚ button to access the full NETGEAR, Inc. online knowledge base for the product model.
- Links to PDF versions of the full manual and individual chapters.

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> **Tip:** If your printer supports printing two pages on a single sheet of paper, you can save paper and printer ink by selecting this feature.

Revision History

Part Number	Version Number	Date	Description
202-10228-01	1.0	May 2007	Product created
202-10228-02	1.0	December 2007	Feature update

v1.0, December 2007

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