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# Quick Start Guide

**Getting Started with the Toshiba  
GL-1010 Controller**

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# NOTICE/WARNING

NOTICE/  
WARNING

# FCC NOTICE / FOR EUROPEAN MODELS

## FCC Notice

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.

### **WARNING:**

Changes or modification made to this equipment, not expressly approved by TOSHIBA TEC or parties authorized by TOSHIBA TEC could void the user's authority to operate the equipment.

"THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS 'A' LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS SET OUT IN THE RADIO INTERFERENCE REGULATIONS OF THE CANADIAN DEPARTMENT OF COMMUNICATIONS."

"LE PRESENT APPREIL NUMERIQUE N'EMET PAS DE BRUITS RADIOELECTRIQUES DEPASSANT LES APPLICABLES AUX APPAREILS NUMERIQUES DE LA CLASSE 'A' PRESCRITES DANS LE REGLEMENT SUR LE BROUILLAGE RADIOELECTRIQUE EDICTE PAR LE MINISTERE DES COMMUNICATIONS DU CANADA."

## For European Models Only

### **WARNING:**

This product complies with Class A for network connection. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

1. Do not touch the connector terminal when disconnecting the cables of peripheral equipment.
2. Before opening any covers or removing any parts from the copier, discharge the static electricity from your body by touching a metal part of the copier.

This product is carrying the CE-Mark in accordance with the related European Directives. Responsible for CE-marking is Toshiba Europe GmbH Hammfelddamm 8,41460 Neuss, Germany. Phone +49-2131-158-01.

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- The official name of Windows 98 is Microsoft Windows 98 Operating System.
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- The technology of Dartcom is used in the scanning process.



·XIONICS· The technology of Xionics is used in the printing process.

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# INTRODUCTION

## Contents

### **Quick Start Guide** (*this guide*)

The purpose of this guide is to introduce users to the GL-1010 product, summarize installation and operational procedures, and describe system requirements and specifications. A printed copy of this manual ships with the GL-1010.

### **GL-1010 Operator's Guide (Basic)**

You can find the .pdf version of this guide on the e-STUDIO GL-1010 Client CD-ROM. It contains procedures for basic and advanced printing functions, monitoring print jobs using the client software, GL DocMon, and the web-based tool, TopAccess.

### **GL-1010 Administrator's Guide**

You can find the .pdf version of this guide on the e-STUDIO GL-1010 Admin's Client CD-ROM. It is intended for the network administrator and contains detailed information for installing, configuring, and troubleshooting your Toshiba GL-1010.

### **GL-1010 TopAccessComposer Operator's Guide**

You can find the .pdf version of this guide on the e-STUDIO GL-1010 Admin's Client CD-ROM and on e-STUDIO GL-1010 Client CD-ROM. It contains information on storing, managing, editing and printing documents using the web-based tool, TopAccessComposer.

### **GL-1010 Network Fax Operator's Guide (option)**

If you have purchased the optional Fax feature, you will find that the e-STUDIO GL-1010 Fax Client CD-ROM contains a .pdf version of this guide. This guide contains information on enabling network fax functionality via the GL-1010. It includes procedures for sending faxes via the network from a remote workstation and using the fax software. It also describes how to use the web-based utility, TopAccess and the client utility, GL DocMon, to manage fax jobs.

### **GL-1010 Scan Operator's Guide (option)**

If you have purchased the optional Scan feature, you will find that the e-STUDIO GL-1010 Scanner Client CD-ROM contains a .pdf version of this guide. This guide contains information on enabling network scanning functionality via the GL-1010. It includes procedures for configuring scan functionality using the web-based utility, TopAccess. The guide also provides instructions for local scanning and remote management of scan jobs.

To view or print .pdf documents, you must install Adobe's PDF reader software, which you can download for free from the Adobe Web site at [www.adobe.com](http://www.adobe.com).

# CD-ROM CONTENTS

## **e-STUDIO GL-1010 Client CD-ROM**

This CD-ROM contains the following utility software and user documentation (in .pdf format):

- PCL6 and PSL3 printer drivers
- GL DocMon
- Macintosh PPD file
- IPP Port Monitor
- AGFA Font Manager
- GL-1010 Operator's Guide (Basic)
- GL-1010 TopAccessComposer Operator's Guide
- README.TXT file

## **e-STUDIO GL-1010 Admin's Client CD-ROM**

This CD-ROM contains the following utility software and user documentation (in .pdf format):

- NDPS software
- NetWare Admin SnapIn
- MIB Folder
- HP-UX filter
- Solaris filter
- IBM AIX filter
- GL-1010 Administrator's Guide
- GL-1010 TopAccessComposer Operator's Guide
- README.TXT file

## **e-STUDIO GL-1010 Recovery CD-ROM**

This CD-ROM contains the operating system software, a backup of the controller system files in the event the controller software becomes corrupt, and the US printer drivers.

## **e-STUDIO GL-1010 Fax Client CD-ROM (Option)**

If you have purchased the optional network fax option, the CD-ROM contains the following software and documentation (in .pdf format):

- Fax drivers
- Address Book software
- TWAIN driver
- GL-1010 Network Fax Operator's Guide
- README.TXT file

## **e-STUDIO GL-1010 Scanner Client CD-ROM (Option)**

If you have purchased the optional network scan option, the CD-ROM contains the following software and documentation (in .pdf format):

- TWAIN driver
- GL-1010 Scan Operator's Guide
- README.TXT

To view or print .pdf documents, you must install Adobe's PDF reader software, which you can download for free from their Web site at [www.adobe.com](http://www.adobe.com).

# SYSTEM REQUIREMENTS

# NETWORK REQUIREMENTS

## Supported Print Modes

### Microsoft Printing

The GL-1010 controller supports the following Microsoft printing modes:

- Peer-to-Peer over TCP/IP, IPX/SPX, or NetBEUI.
- LPR/LPD on TCP/IP
- IPP

### Novell Printing

The GL-1010 controller supports the following NetWare printing modes:

- NetWare 3.x or 4.x Bindary (PSEVER or RPRINTER)
- NetWare 4.x or 5.x NDS (PSEVER or NPRINTER)
- NetWare NDPS (using the Toshiba NLM-based gateway)

### Unix Printing

- The GL-1010 supports LPR/LPD printing for the Unix Sun Solaris, HP-UX, and IBM-AIX environments, providing the Toshiba filters are installed.

### Macintosh Printing

- AppleTalk (over Ethernet)
- LPR/LPD (over TCP/IP only)

## Network Protocol Requirements

### TCP/IP Protocol

- Required if you want to use TopAccess to manage the GL-1010 device settings and configure properties.
- Required for LPD printing.

### IPX/SPX Protocol

- Required if you want to run the GL-1010 as a Print Server in a Novell Environment.
- The Frame Type is set to Auto Sense by default. To optimize the GL-1010 for your network, you may want to set the Frame Type, which you can do from the copier's front panel or by using TopAccess.

### NetBEUI Protocol

- NetBEUI is enabled by default. You can disable NetBEUI from the copier's front panel or by using TopAccess.
- You must define a NetBEUI enabled port to which you can map the GL-1010.

### **Token Ring Protocol**

- You must have a Token Ring Network Interface Card installed in the GL-1010.
- Set the speed to either 4 Mbps or 16 Mbps from the copier's front panel or by using TopAccess.

### **AppleTalk**

- Available over Ethernet (EtherTalk) only. The GL-1010 does not support TokenTalk.
- The GL-1010 does not support AppleShare on the Macintosh XL and 128K.

# CLIENT WORKSTATION REQUIREMENTS

## PC Workstation Requirements

### Hardware Requirements

- Intel 80486/25 or higher (or compatible) microprocessor.
- VGA 800x600 or higher resolution monitor.
- One or more hard disks with the minimum required by Microsoft for the Windows operating system plus 100 MB additional disk space for running GL-1010 printer drivers and utilities.
- CD-ROM drive.
- Minimum 32 MB RAM with a minimum of 12 MB free RAM.
- Mouse, or other pointing device.
- Network Interface Card (either Ethernet or Token Ring).

### Operating System Requirements

The GL-1010 controller supports the following Windows client operating systems:

- Windows 95
- Windows 98
- Windows 2000
- Windows Me
- Windows NT

### Software Requirements

The software requirements vary slightly depending on the operating system you are running.

#### *Windows 95*

- Windows 95 OSR2
- WinSock v2.0
- Novell Client v3.1 for Windows 95/98 plus Client Service Pack 1<sup>1</sup>
- Internet Explorer 5.0 or higher/Netscape Navigator 4.75 or higher (to run TopAccess)

#### *Windows 98*

- Novell Client v3.1 for Windows 95/98 plus Client Service Pack 1<sup>1</sup>
- Internet Explorer 5.0 or higher/Netscape Navigator 4.75 or higher (to run TopAccess)

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1. Required only if you will be running IPX-based SNMP access and Novell printing.

### *Windows 2000*

- Microsoft Service Pack 1
- Novell Client v4.7 for Windows NT/2000 with Z.E.N works Starter Pack
- Internet Explorer 5.0 or higher/Netscape Navigator 4.75 or higher (to run TopAccess)

### *Windows Me*

- Novell Client v3.3<sup>2</sup>
- Internet Explorer 5.0 or higher/Netscape Navigator 4.75 or higher (to run TopAccess)

### *Windows NT 4.0 Workstation*

- Microsoft Service Pack 5
- Novell Client v4.6 for Windows NT with Z.E.N works Starter Pack, plus Client Service Pack 1<sup>2</sup>
- Internet Explorer 5.0 or higher/Netscape Navigator 4.75 or higher (to run TopAccess)

## **Unix Workstation Requirements**

### **Hardware Requirements**

- SPARC platform
- PA-RISC platform
- RS/6000 platform

### **Operating System Requirements**

The GL-1010 controller supports the following Unix operating systems:

- HP-UX
- Sun Solaris version 2.5x, 2.6, or 7.0
- IBM AIX 4.3.x

### **Software Requirements**

- You must install the Toshiba print filter, which is distributed in TAR format on the e-STUDIO GL-1010 Admin's Client CD-ROM.
- Internet Explorer 5.0+ or Netscape Navigator 4.76+ (to run TopAccess)

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2. Required only if you will be running IPX-based SNMP access and Novell printing.

## Macintosh Workstation Requirements

### Operating System Requirements

- Operating System Version 8.0, 8.5, 8.6, 9.0 or Mac OS X.

### Software Requirements

- LaserWriter 8.6.5+ printer driver
- Internet Explorer 5.0+ or Netscape Navigator 4.78+ (to run TopAccess)
- Stuffit compression software version 5.5+

## GL-1010 Printer Driver Requirements

To use the PCL6 or PSL3 printer drivers, your workstation must running one of the following operating systems:

- Windows 95
- Windows 98
- Windows 2000
- Windows NT 4.0
- Windows Me

It is recommended that you have at least 20 MB free hard disk space, although having twice that free would improve performance.

Additionally, you must map the driver to an available and configured GL-1010 printer in order to take advantage of all the drivers' features and functionality.

## GL DocMon Requirements

To use GL DocMon, your workstation must running one of the following operating systems:

- Windows 95
- Windows 98
- Windows 2000
- Windows NT 4.0
- Windows Me

Additionally, the TCP/IP and/or IPX/SPX network protocols must be installed.

It is recommended that you have at least 60 MB free hard disk space, although having twice that free would improve performance.

## TopAccess Requirements

- Internet Explorer 5.0 or higher/Netscape Navigator 4.75 or higher for Windows.
- Internet Explorer 5.0+ or Netscape Navigator 4.78+ required for Macintosh or Netscape Navigator 4.76+ required for Unix operating systems.

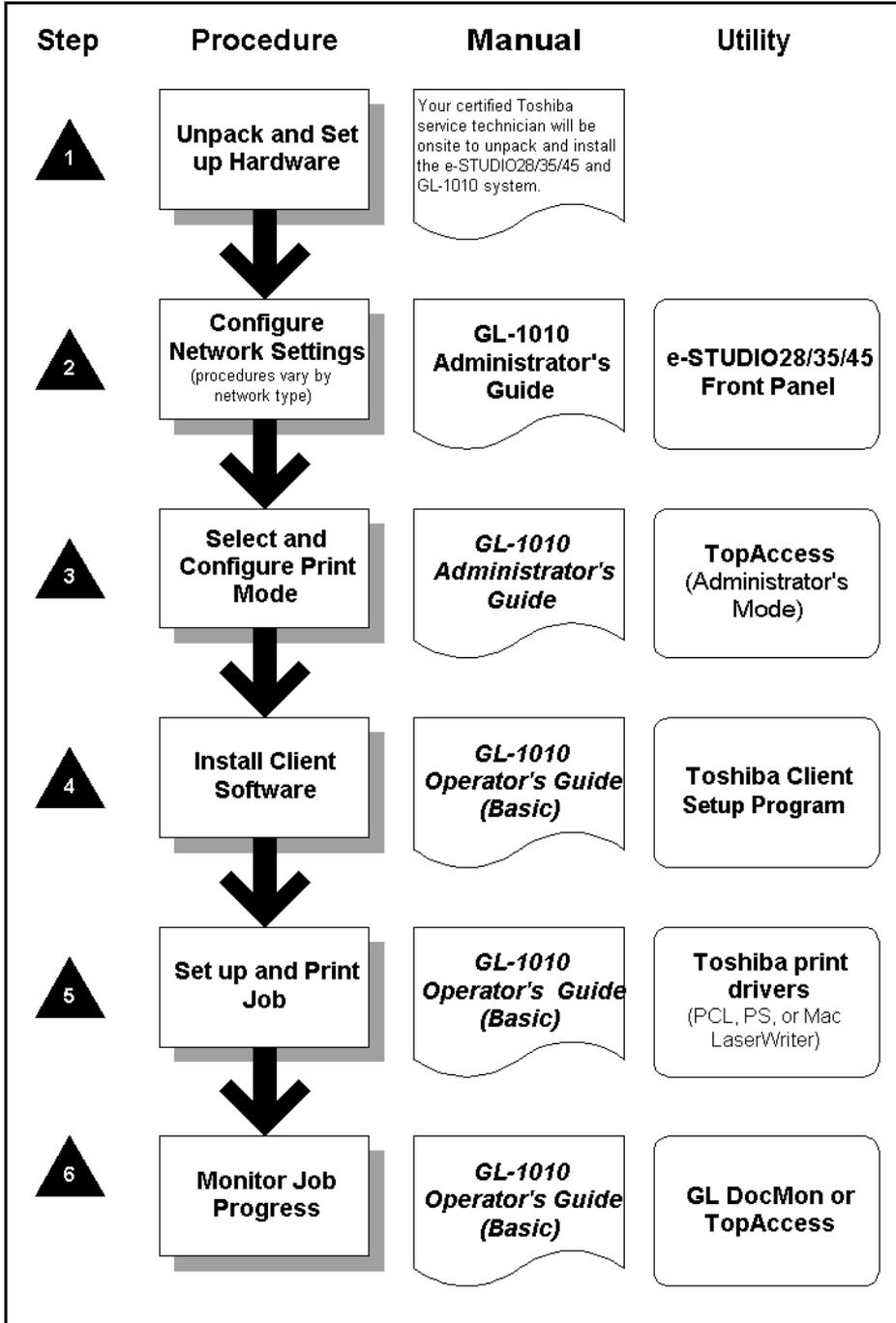


# SETUP FLOW AND UTILITIES

# INSTALLATION

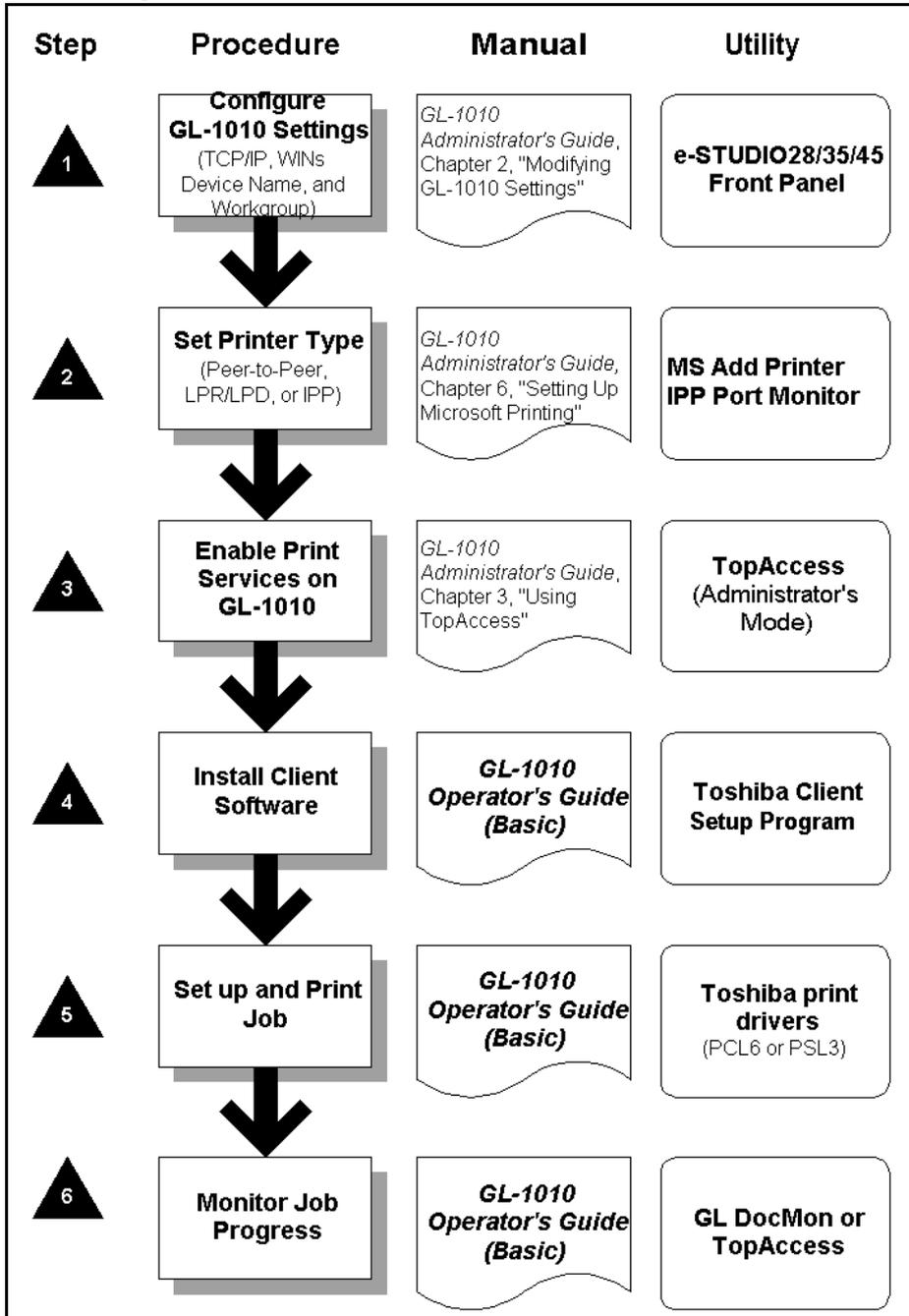
## Setup Process Overview

The following flow chart illustrates the steps for enabling network printing with your e-STUDIO GL-1010 Electronic Document Processing System. Note that specific configuration procedures vary depending on the network software and client type. Refer to "Configuration Process Flow" on page 23 for an overview of steps for your specific network configuration.

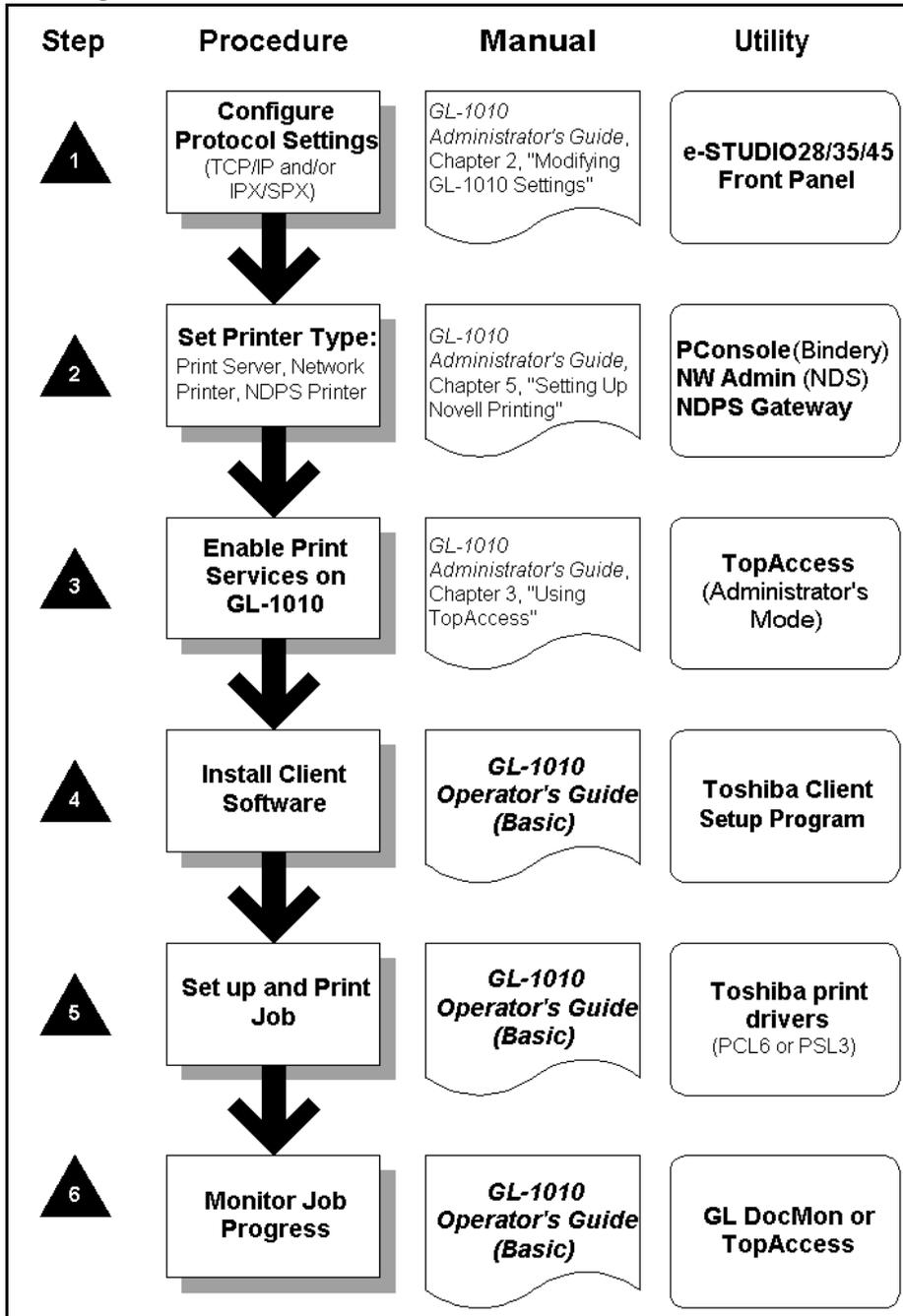


# Configuration Process Flow

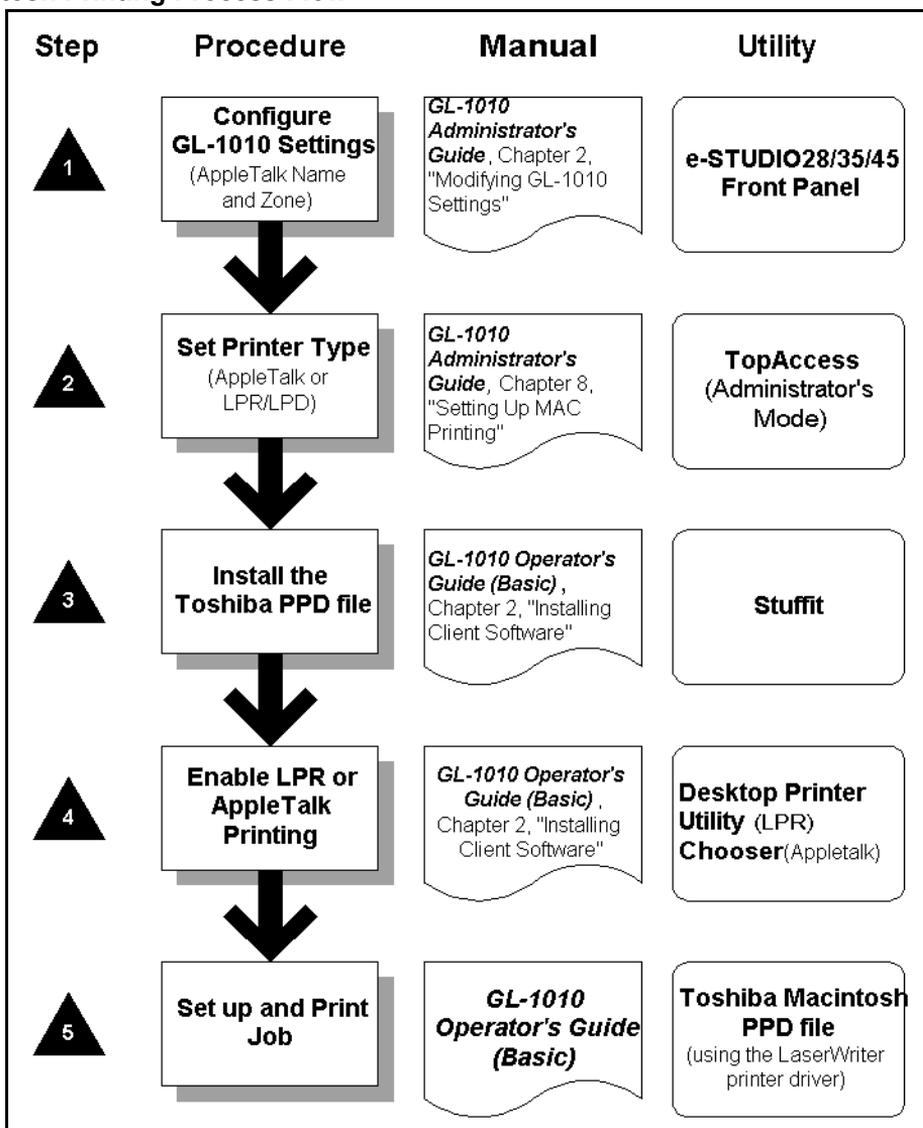
## Microsoft Printing Process Flow



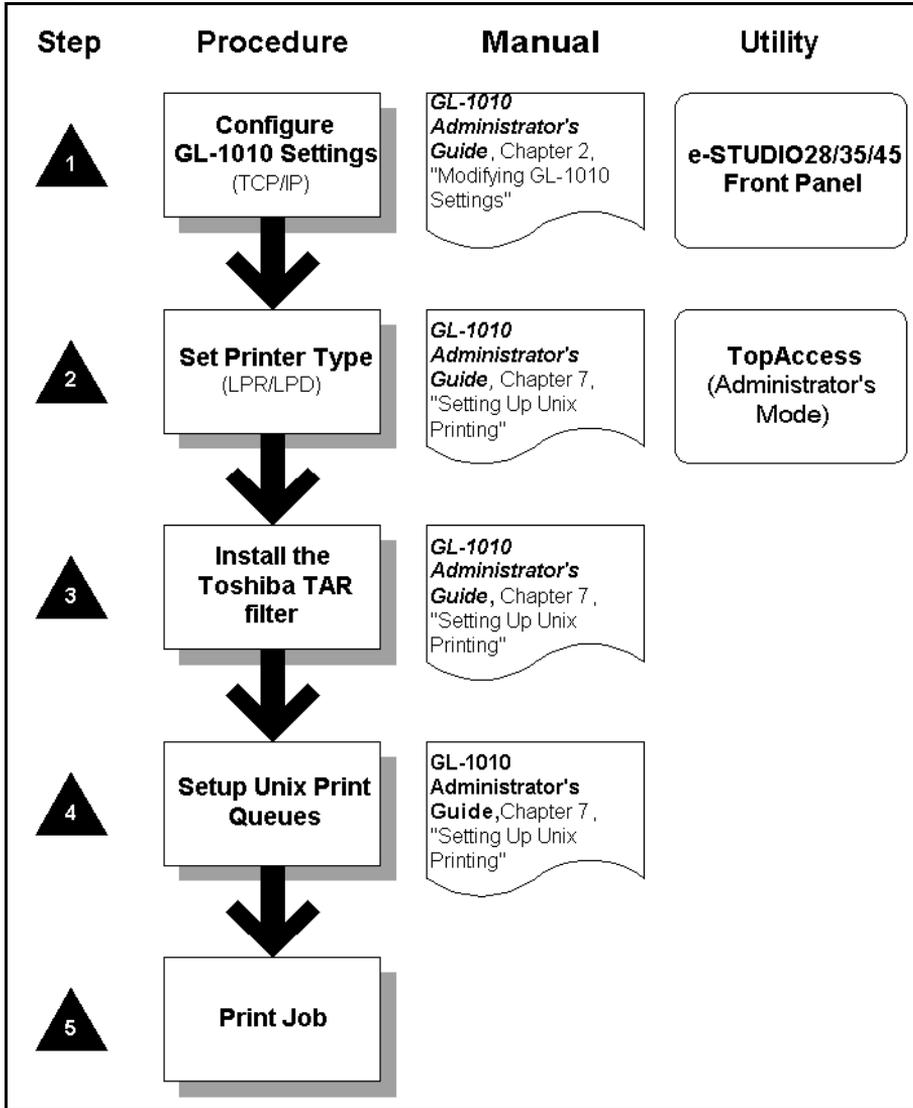
## Novell Printing Process Flow



## Macintosh Printing Process Flow



## Unix Printing Process Flow



## GL DocMon

GL DocMon provides end-users with a way to monitor all jobs and control their own current jobs. With the notification feature enabled, users are notified of copier or printing events, such as paper-out or cassette open, before they walk to the copier to retrieve their print job.

For more information on using GL DocMon, please refer to the GL-1010 Operator's Guide (Basic). You can also quickly access the GL DocMon online help from within the application by clicking the **Help** button at the bottom of the tabbed dialog box.

## TopAccess

### TopAccess (Administrator Mode)

TopAccess, an embedded Web-based device management tool, allows administrators to perform device management functions over the Internet using either Internet Explorer 5.0+ or Netscape Navigator 4.75+ browsers. Internet Explorer 5.0+ or Netscape Navigator 4.78+ required for Macintosh. Internet Explorer 5.0+ or Netscape Navigator 4.76+ required for Unix operating systems.

### TopAccess (End User Mode)

In end-user mode, TopAccess allows users to monitor and manage their print jobs over the Internet using either Internet Explorer 5.0+ or Netscape Navigator 4.75+ browsers. Internet Explorer 5.0+ or Netscape Navigator 4.78+ required for Macintosh. Internet Explorer 5.0+ or Netscape Navigator 4.76+ required for Unix operating systems.



# SPECIFICATIONS

# CONTROLLER SPECIFICATIONS

Paper Size		Letter, A4, Legal, Statement, Ledger, Folio, A3, A5, B4, B5, Computer, 13inch LG, 8.5SQ, A6
Controller type		Embedded
Engine Interface		PCI
Memory (RAM)		Standard 128 MB. Recommended 256 MB. Maximum 256 MB
HDD		More than 10 GB
CD-ROM Drive		Yes (Max. 48x)
Interface		100Base-T, 10Base-T (Standard) Token Ring (Optional)
Language	PCL	PCL6
	PostScript	PostScript Level 3
Fonts	PCL	80 Fonts
	PostScript	136 Fonts
NOS	Client/Server	Windows NT 4.0 Domain Server Windows 2000 NetWare 3.11/3.12/4.x NetWare 4.x (NDS) NetWare 4.x (Bindery) NetWare 5.x (NDPS)
	Peer-to-Peer	Windows 95/98/Me/2000 Windows NT 4.0 Workstation
	Mac	AppleTalk (EtherTalk)
Print Protocols		TCP/IP, IPX/SPX, NetBEUI/NetBIOS, EtherTalk, LPR/LPD, IPP IP Addressing-Manual/DHCP Host Name Resolution-WINS/DNS
Drivers		Windows 95/98/Me Windows 2000 Windows NT 4.0 Mac (PS PPD only) Unix (Sun, HP-UX, AIX filter only)
Utilities		GL DocMon (SNMP-based) TopAccess (Web-based. Not available on Token Ring. Requires Internet Explorer 5.0+ or Netscape Navigator 4.75+ browsers. Unix requires Netscape Navigator 4.76+ and Mac requires Netscape Navigator 4.78+)
Standard NIC	10/100Base-T	10/100T-NIC
Optional NIC	Token Ring	TKNRNG-NIC
Options	Scan/ Email print kit	GB-1060
	Parallel Print	GF-1100
	Network Fax kit	GB-1040
	Expansion Memory	GC-1090 (128 MB)



