

# **About Network Interface Board Firmware Updates**

## **TABLE OF CONTENTS**

<b>1. About Firmware Updates .....</b>	<b>2</b>
<b>2. Operating Environment and Other Requirements.....</b>	<b>2</b>
<b>2.1 Operating Environment .....</b>	<b>2</b>
<b>2.2 Recommended Web Browsers.....</b>	<b>2</b>
<b>3. Update Cautions.....</b>	<b>3</b>
<b>3.1 Caution 1.....</b>	<b>3</b>
<b>3.2 Caution 2.....</b>	<b>3</b>
<b>3.3 Caution 3.....</b>	<b>3</b>
<b>3.4 Caution 4.....</b>	<b>3</b>
<b>4. Disclaimer .....</b>	<b>4</b>
<b>5. Update Procedure .....</b>	<b>5</b>
<b>6. Trademarks.....</b>	<b>16</b>

## **1. About Firmware Updates**

You can update the firmware of the Network Interface Board on the GX series models.

## **2. Operating Environment and Other Requirements**

### **2.1 Operating Environment**

A Web browser is required.

To use the Web browser, you must first configure the appropriate TCP/IP settings on both the computer and printer.

### **2.2 Recommended Web Browsers**

- Windows:

- Internet Explorer 6.0 or higher

- Firefox 2.0 or higher

- Mac OS:

- Safari 2.0 or higher

- Firefox 2.0 or higher

For details about how to set up and use the Web browser, see the User Guide supplied with the printer.

### **3. Update Cautions**

This section describes several things you must check for to ensure successful updates. You must read this section before performing updates.

#### **3.1 Caution 1.**

Before performing updates, check your computer's power options: make sure [System Standby:] / [System hibernates:] is set to "Never".

#### **Checking Your Power Settings**

(This procedure is for Windows XP. Procedures vary depending on your operating system and its settings.)

1. Click the [Start] menu.
2. Point to [Settings], and then click [Control Panel].
3. Click [Power Options].
4. Select the [Power Schemes] tab (displayed by default).
5. Make sure [System standby:] / [System hibernates:] is set to "Never".

#### **3.2 Caution 2.**

During the update, do not switch the printer off, disconnect the network cable, or run applications that use the printer driver, Status Monitor, or SmartDeviceMonitor.

#### **3.3 Caution 3.**

If the printer's power is switched off or the network cable is disconnected during the update, you must perform the update procedure again.

#### **3.4 Caution 4.**

During updates, do not put the computer into [System standby:] / [System hibernates:] manually.

#### **4. Disclaimer**

The manufacturer is not liable for any damages resulting from use or misuse of this software.  
Nor is the manufacturer liable for any damages resulting from use or misuse of this software with third parties.

## 5. Update Procedure

This manual explains how to update the firmware of the Network Interface Board for the GX series models.

### ■ Before Performing Updates

Check the following:

- The printer's "Online" key is lit (the printer is ready to print).
- No other applications are running.

### ■ Update Procedure

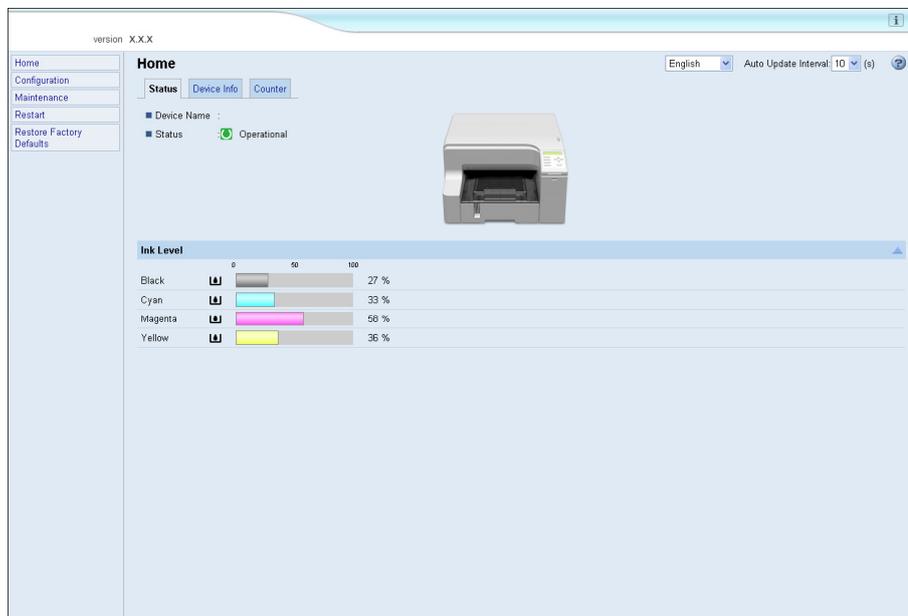
This procedure is for Windows XP.

The display samples may differ from the actual display.

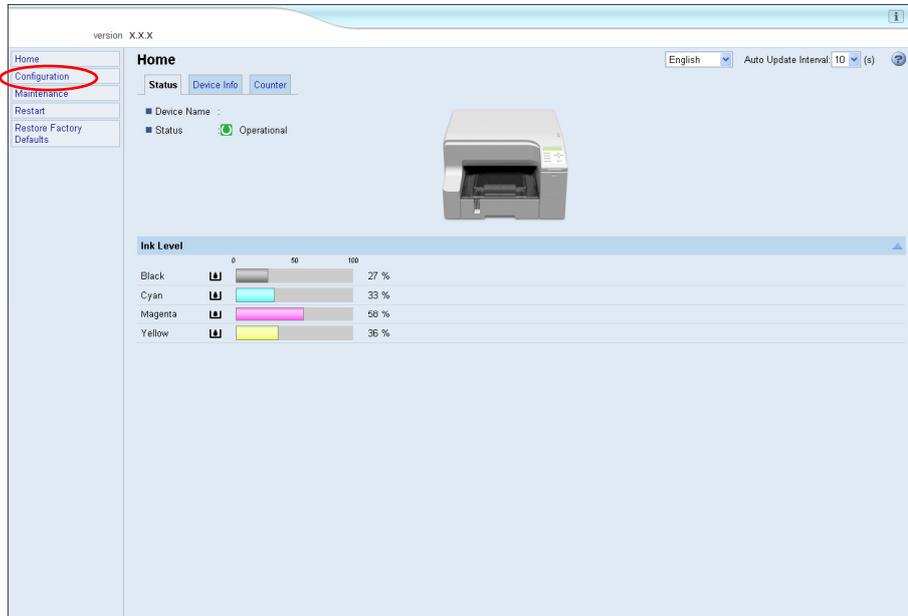
1. Launch the Web browser.

2. In the Web browser's address bar, enter “http://(printer's IP address)” to access the printer.

The printer's top page appears.



3. Click [Configuration].



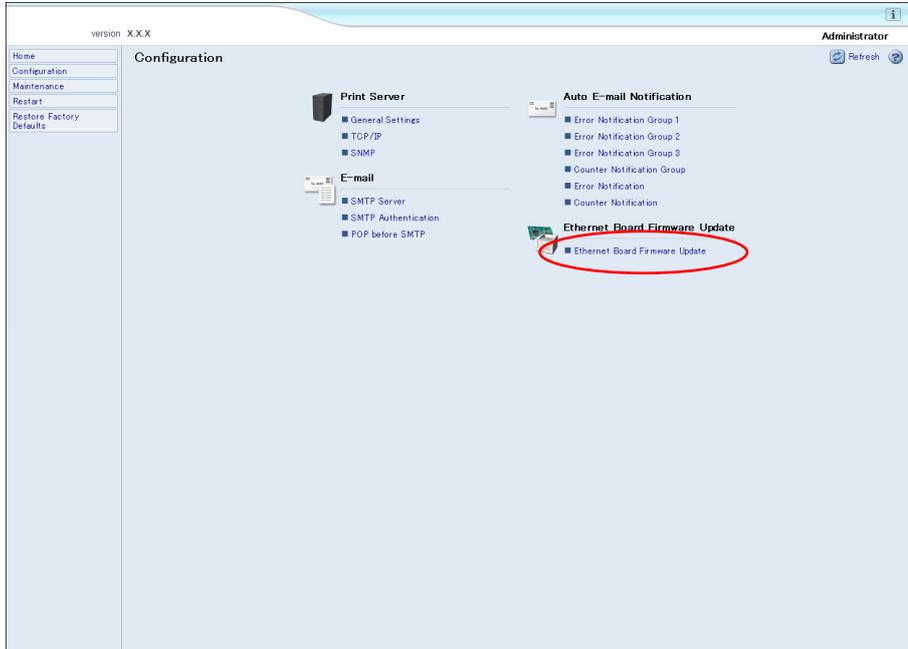
A dialog box for entering the user name and password appears.



4. In the “User name” field, enter “admin” and in the “Password” field, enter the corresponding password, and then click [OK].

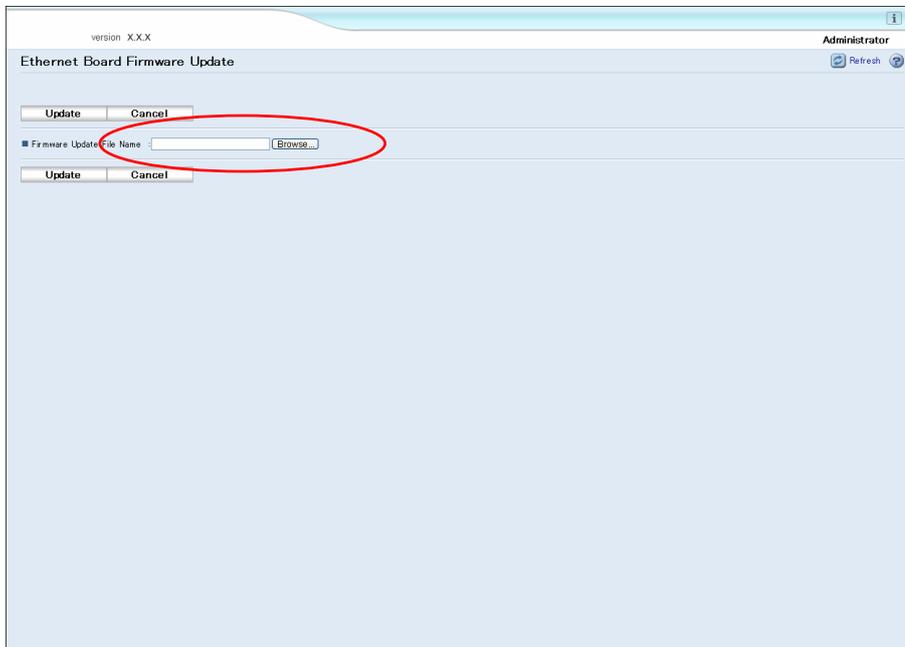
Note that there is no default password. Therefore, unless a password has been specified, leave the password field blank.

5. Click [Ethernet Board Firmware Update].



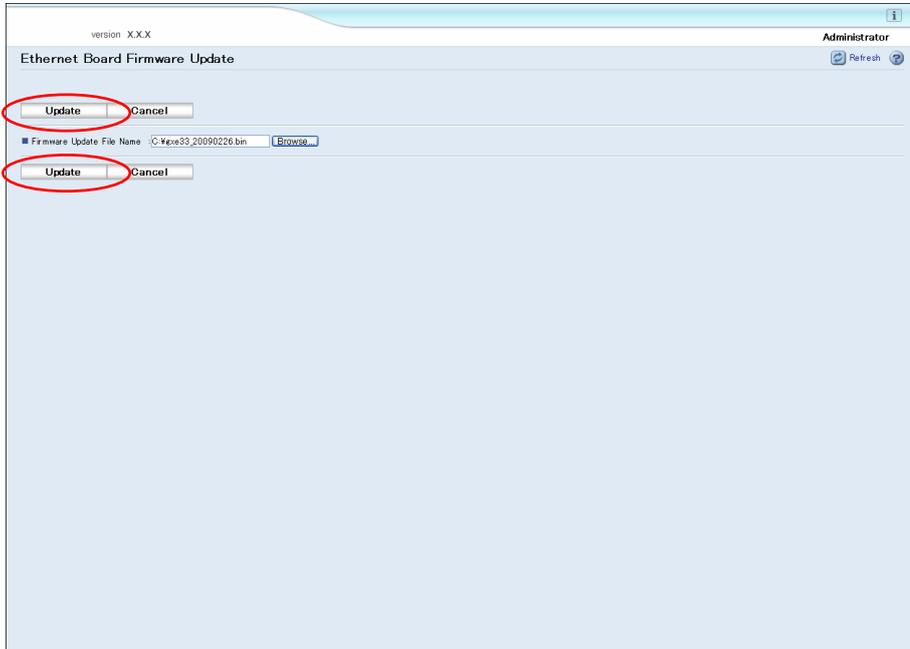
6. Select the updater file **\*\*\*.bin**.

You can select the file by entering the file path in the “Firmware Update File Name:” field, or by clicking [Browse] and locating the file.



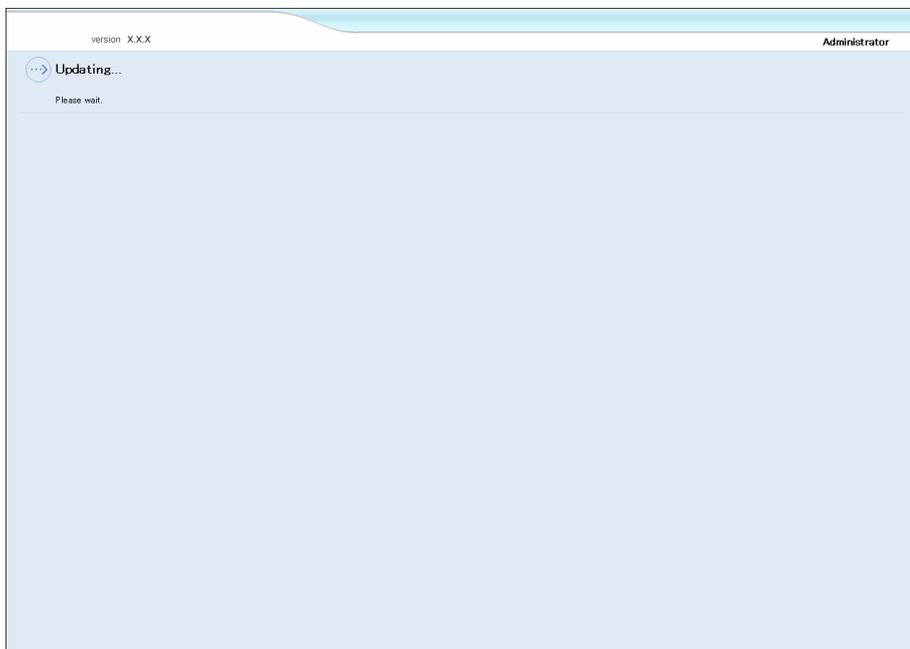
7. Click [Update].

Updating begins.

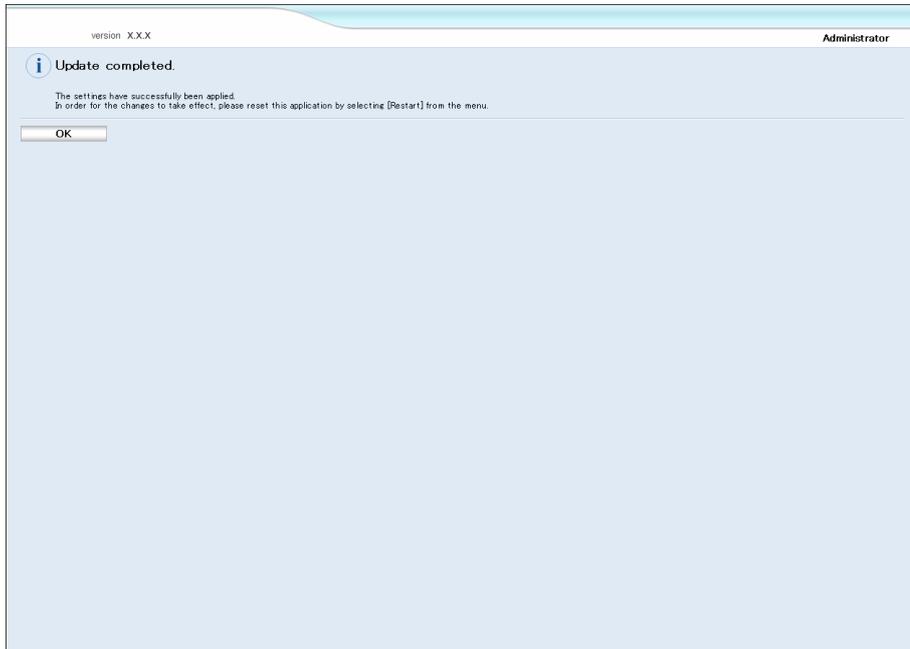


The update takes some time. During the update, do not use the Web browser, computer, or printer.

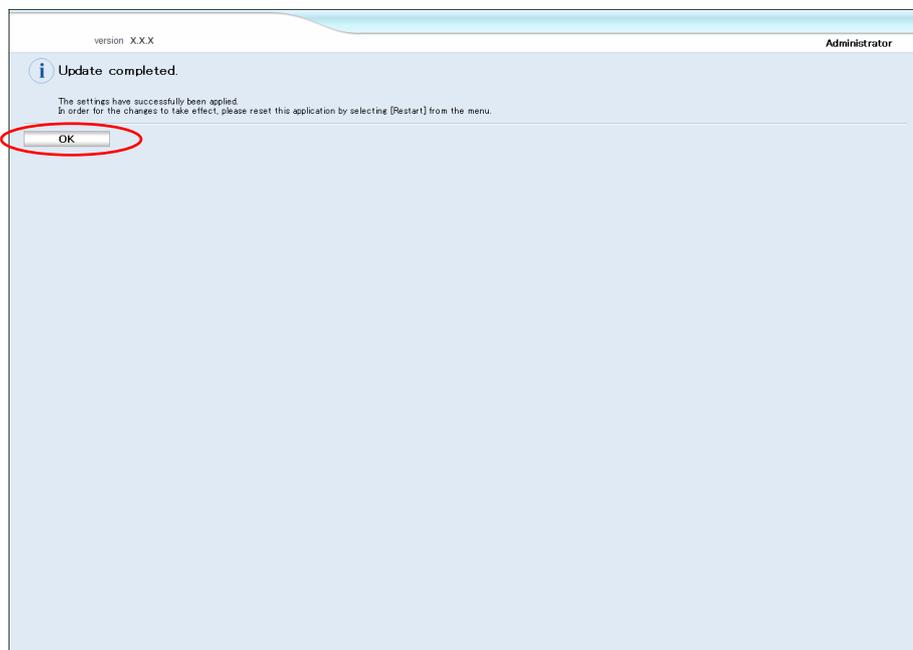
When the update starts, the following message appears.



When the update is complete, the following message appears.

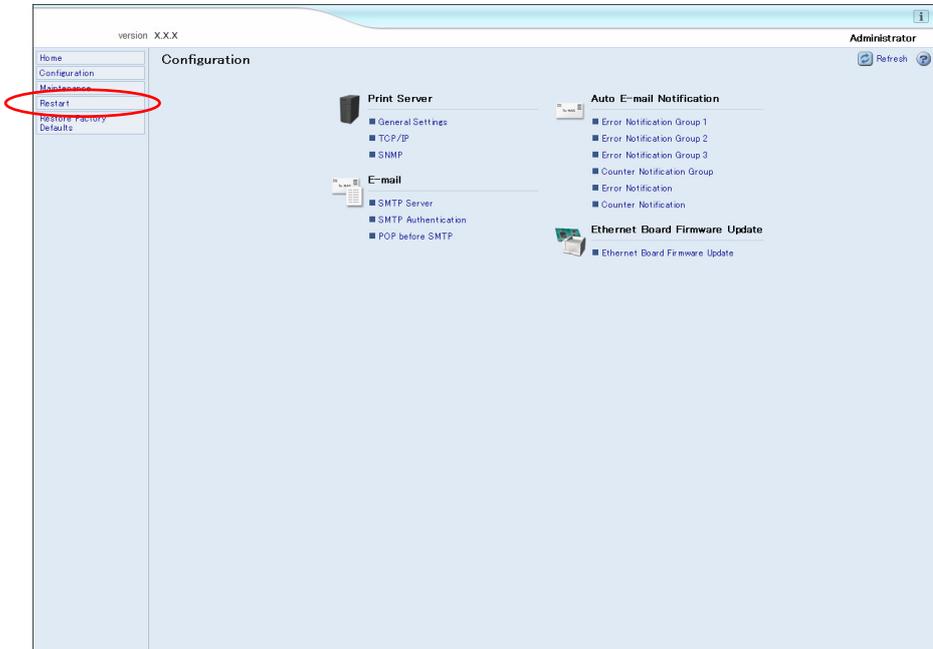


8. Click [OK].



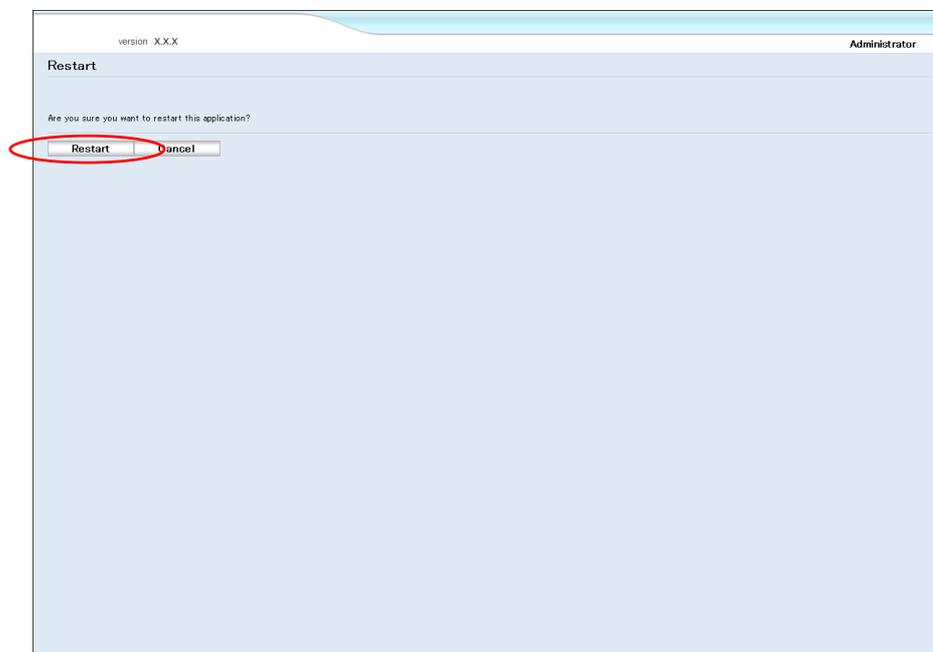
The Configuration page appears.

9. Click [Restart].



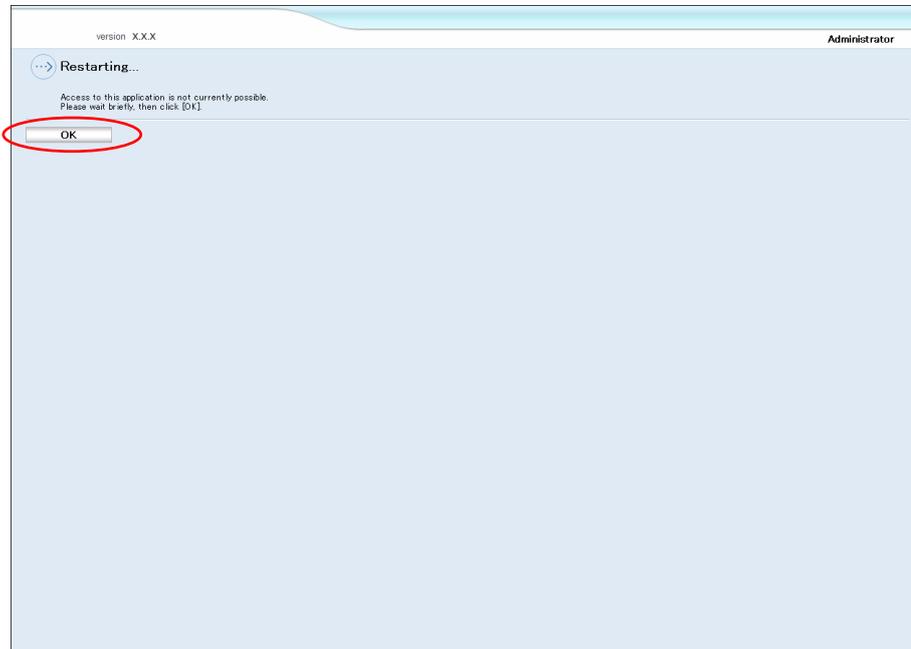
10. Click [Restart].

The network interface board is restarted.



11. Click [OK].

Restarting takes some time. Wait a while, and then click [OK].

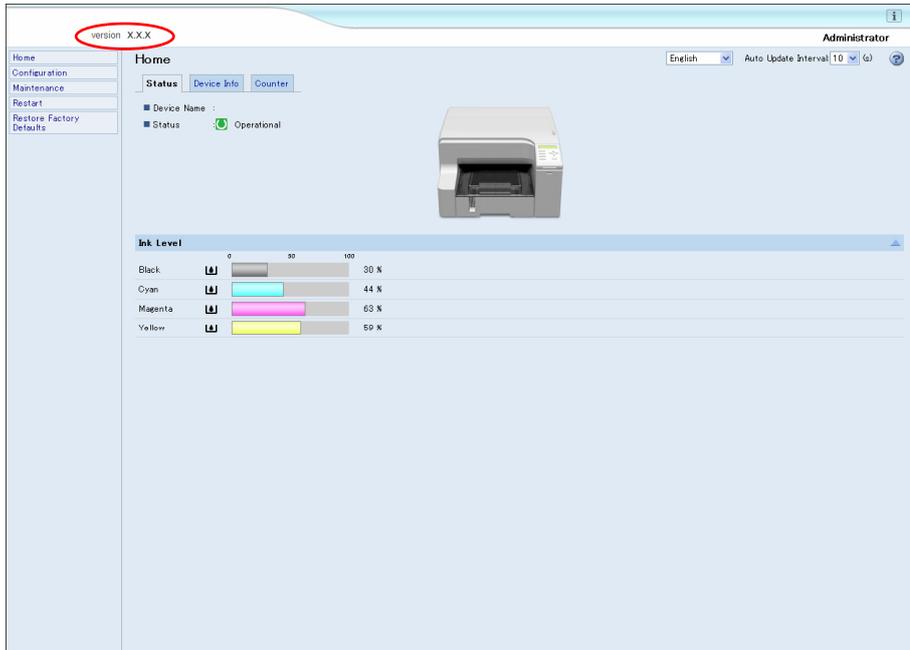


12. The printer's top page appears.\*1

On this page, check that the firmware has been updated.

If the firmware has been updated, a new version number will be displayed.

If the version number has not changed, the update might have failed. In this case, see p. 13, “If the Update Fails”.



\*1 If [DHCP] has been enabled, the printer's IP address might have changed, and the printer's top page will not appear.

If the printer's top page does not appear, obtain the printer's IP address from the printer's control panel, and then connect to that IP address.

■ If the Update Fails

1. The update might fail if attempted during printing or if the wrong file was selected.

If the dialog box for selecting the updater file appears, go back to Step 6, and be sure to select the correct file.

< Possible Causes of Update Failure >

- The update was attempted during printing.
- The update coincided with an update from another computer.
- The updater file is invalid.

If the printer's top page appears, go back to Step 3.

< Possible Causes of Update Failure >

- The wrong file was selected as the updater file.

2. There was a power failure.

Go back to Step 1.

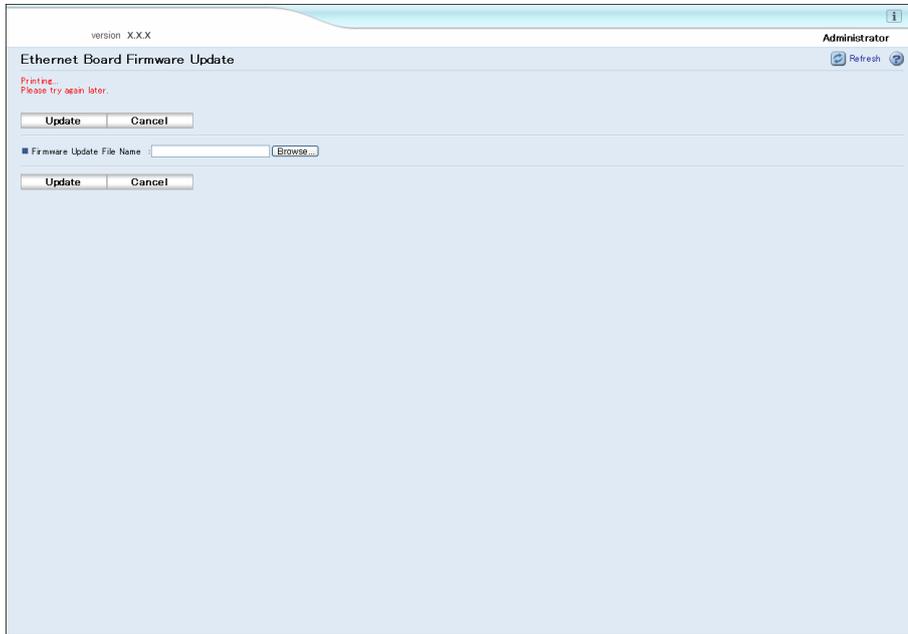
If there was a power failure, you might not be able to access the printer over the network. If this is the case, switch the printer off, hold down button located above the Ethernet port, then, without releasing the button, switch the printer back on and hold down the button at least five more seconds.

This procedure resets both the firmware and settings of the interface board to their factory-set states.

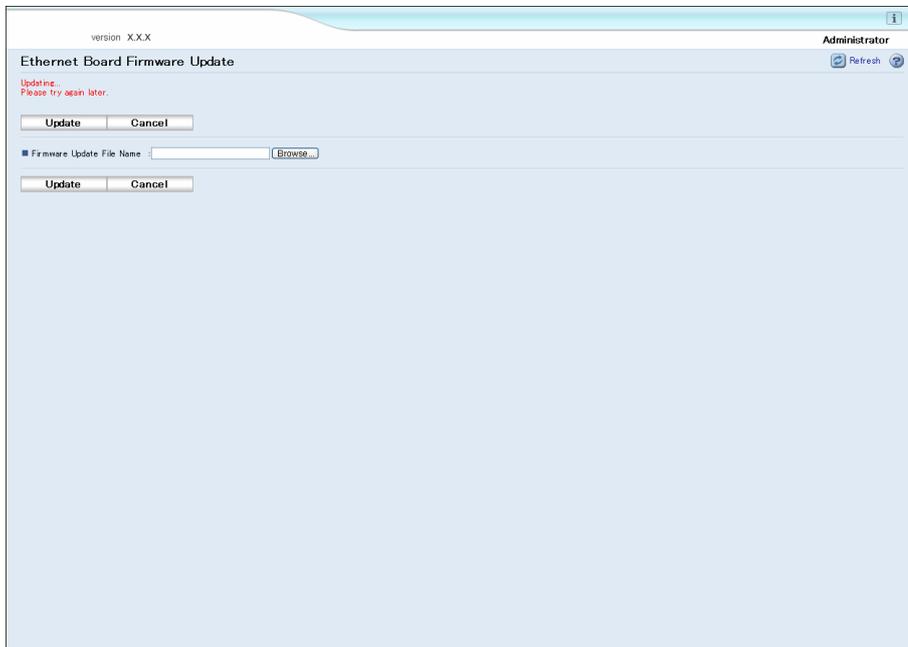
Specify the network settings again, and then go back to Step 1.

■ Possible Causes of Update Failure

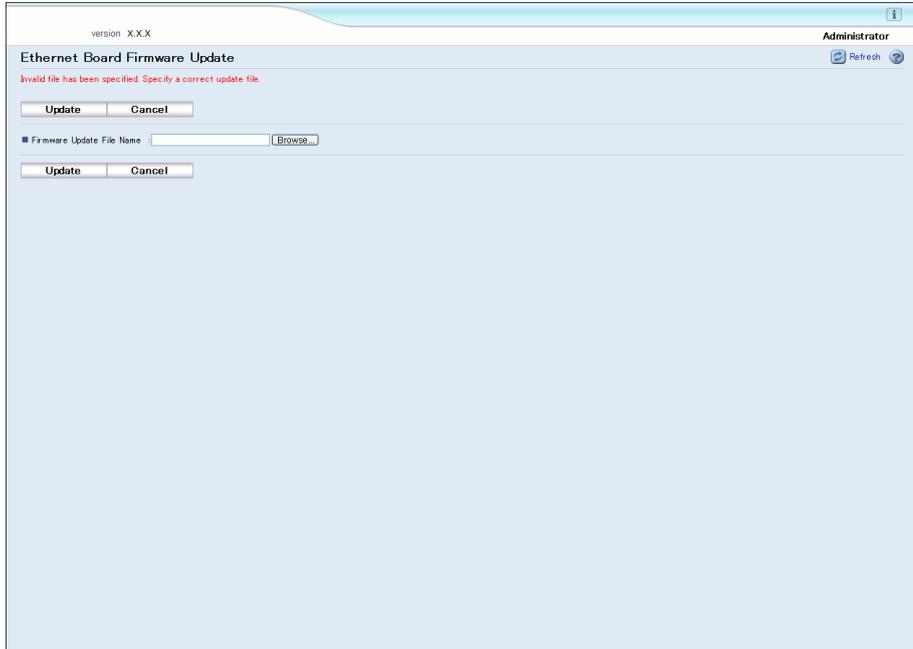
1. The update is being attempted during printing.



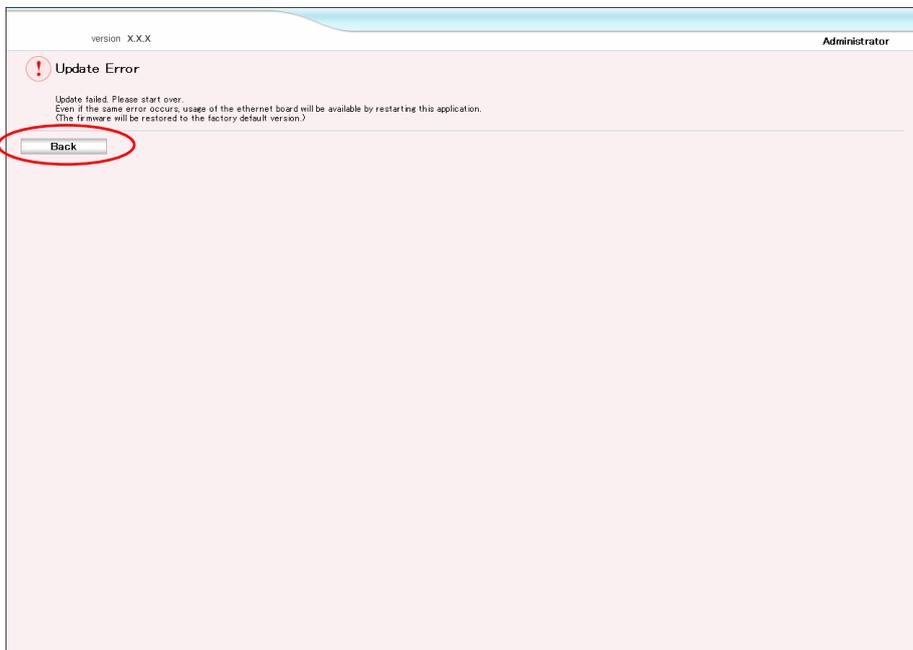
2. The firmware is being updated from another computer.



3. The updater file is invalid.



4. The wrong file has been selected as the updater file.



In this case, you can return the printer's top page by clicking [Back].

## 6. Trademarks

Microsoft<sup>®</sup>, Windows<sup>®</sup>, Windows Server<sup>®</sup>, and Windows Vista<sup>®</sup> are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Mac OS, Macintosh, and Safari are trademarks of Apple Inc., registered in the U.S. and other countries.

Other product names used herein are for identification purposes only and might be trademarks of their respective companies.

We disclaim any and all rights to those marks.

- The product names of Windows 2000 are as follows:

Microsoft<sup>®</sup> Windows<sup>®</sup> 2000 Advanced Server

Microsoft<sup>®</sup> Windows<sup>®</sup> 2000 Server

Microsoft<sup>®</sup> Windows<sup>®</sup> 2000 Professional

- The product names of Windows XP are as follows:

Microsoft<sup>®</sup> Windows<sup>®</sup> XP Professional

Microsoft<sup>®</sup> Windows<sup>®</sup> XP Home Edition

Microsoft<sup>®</sup> Windows<sup>®</sup> XP Media Center Edition

Microsoft<sup>®</sup> Windows<sup>®</sup> XP Tablet PC Edition

- The product names of Windows Vista are as follows:

Microsoft<sup>®</sup> Windows Vista<sup>®</sup> Ultimate

Microsoft<sup>®</sup> Windows Vista<sup>®</sup> Business

Microsoft<sup>®</sup> Windows Vista<sup>®</sup> Home Premium

Microsoft<sup>®</sup> Windows Vista<sup>®</sup> Home Basic

Microsoft<sup>®</sup> Windows Vista<sup>®</sup> Enterprise

- The product names of Windows Server 2003 are as follows:

Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 Standard Edition

Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 Enterprise Edition

Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 Web Edition

Microsoft<sup>®</sup> Windows Server<sup>®</sup> 2003 Datacenter Edition

- The product names of Windows Server 2003 R2 are as follows:

Microsoft® Windows Server® 2003 R2 Standard Edition

Microsoft® Windows Server® 2003 R2 Enterprise Edition

Microsoft® Windows Server® 2003 R2 Datacenter Edition

- The product names of Windows Server 2008 are as follows:

Microsoft® Windows Server® 2008 Standard

Microsoft® Windows Server® 2008 Enterprise

Microsoft® Windows Server® 2008 Datacenter

Microsoft® Windows Server® 2008 for Itanium-based Systems

Microsoft® Windows® Web Server 2008

Microsoft® Windows® HPC Server 2008

Microsoft® Windows Server® 2008 Standard without Hyper-V™

Microsoft® Windows Server® 2008 Enterprise without Hyper-V™

Microsoft® Windows Server® 2008 Datacenter without Hyper-V™

Copyright © 2009

EN

US / EN

GB

J017-6630