

# **About Network Interface Board Type GX2 Firmware Updates**

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## **1. About Firmware Updates**

Update allows the GX 3000/ GX3050N/ GX 5050N/Network Interface Board Type GX2 to receive the latest firmware.

Optional for GX3000.

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

### **2.1 Operating Environment**

If the printer is connected to other computers via the following methods, successful updates are guaranteed.

- Crossover cable (to one other computer only)
- Peer-to-peer, using a hub

### **2.2 Supported Operating Systems**

- ①Microsoft Windows 98 SE
- ②Microsoft Windows Millennium Edition
- ③Microsoft Windows 2000 Professional
- ④Microsoft Windows XP Home Edition / Professional Edition
- ⑤Microsoft Windows Server 2003

If you are using 3, 4, or 5 (above), you must login as an administrator or as a user with administrator privileges.

### **2.3 Using the Update Tools' "Save To" Function under Windows 9x**

If you are using 1 or 2 (above) and the "Save To" path contains Japanese characters, the "Save To" operation might fail.

If this happens, save your data to a destination whose path does not contain any Japanese characters (for example: C:¥).

This problem does not occur on Windows NT-based operating systems (3, 4, or 5 above).

### **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.**

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

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

During updates, do not print any jobs or run applications that use the printer driver, Status Monitor, or SmartDeviceMonitor.

#### **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

These instructions explain updating the internally installed GX3000/GX3050N/GX5050N "Network Interface Board Type GX2".

### ■ Before Performing Updates

Check the following:

- The printer's green "Online" key is lit (the printer is ready to print).
- No other applications are running.
- The printer and computer are connected via peer-to-peer.

### ■ Update Procedure

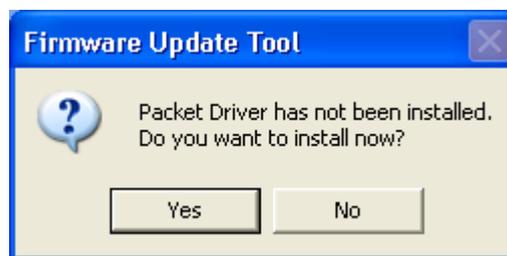
Note that the following explanation uses Windows XP screen shots.

1. Double click [ricifgx1.exe].

The updater appears

When the updater is opened for the first time, the following message appears\*:

(Go directly to step 2 if you have used the updater previously.)



Click [Yes].

Installation of the Packet driver begins.

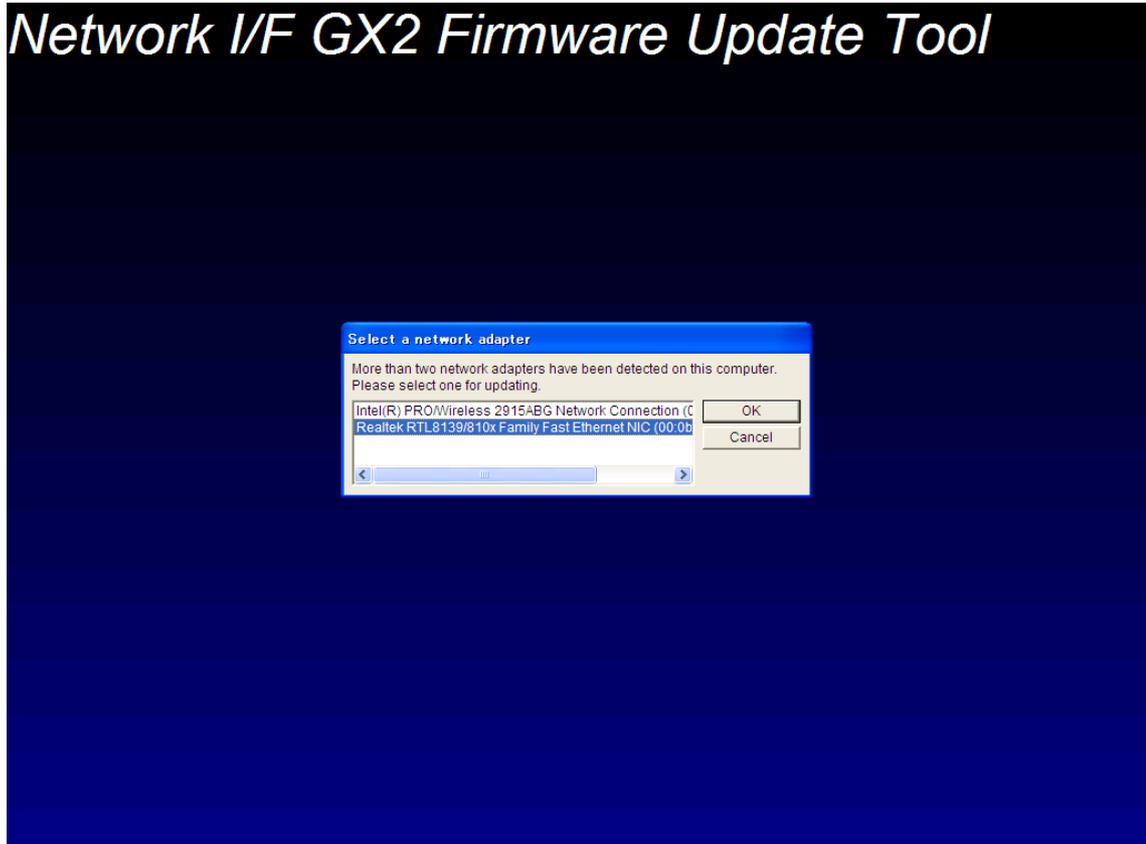
\*The updater uses a special network protocol to perform the updates. It must be installed in order for your network board to be updated.

You can uninstall The Packet Driver by following the "Uninstalling the Packet Driver" procedure, explained later in these instructions.

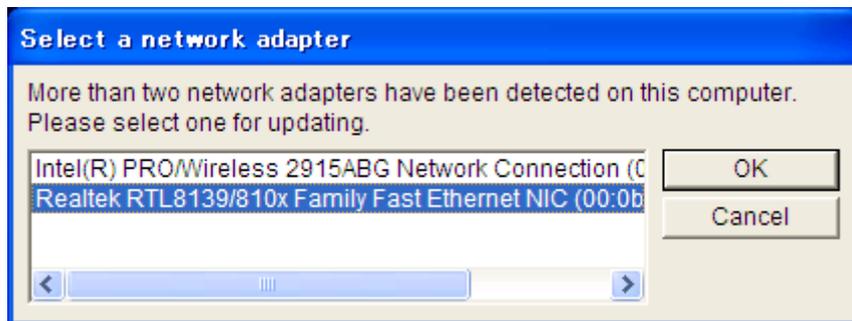
2. Select the network adapter.

If your machine has more than one network adapter installed, the screen below will appear.

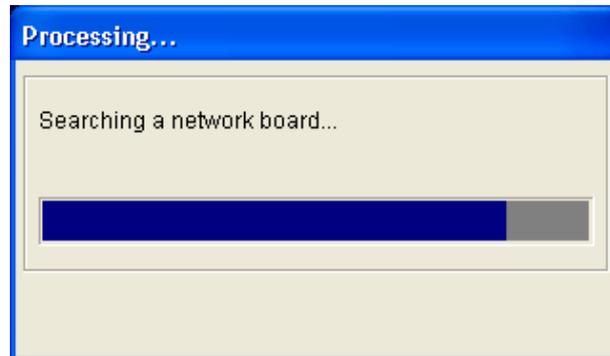
(Go to step 3 if your machine has only one adapter installed.)



Select the network adapter whose firmware you want to update, and then click [OK].



3. The network is searched for network boards.

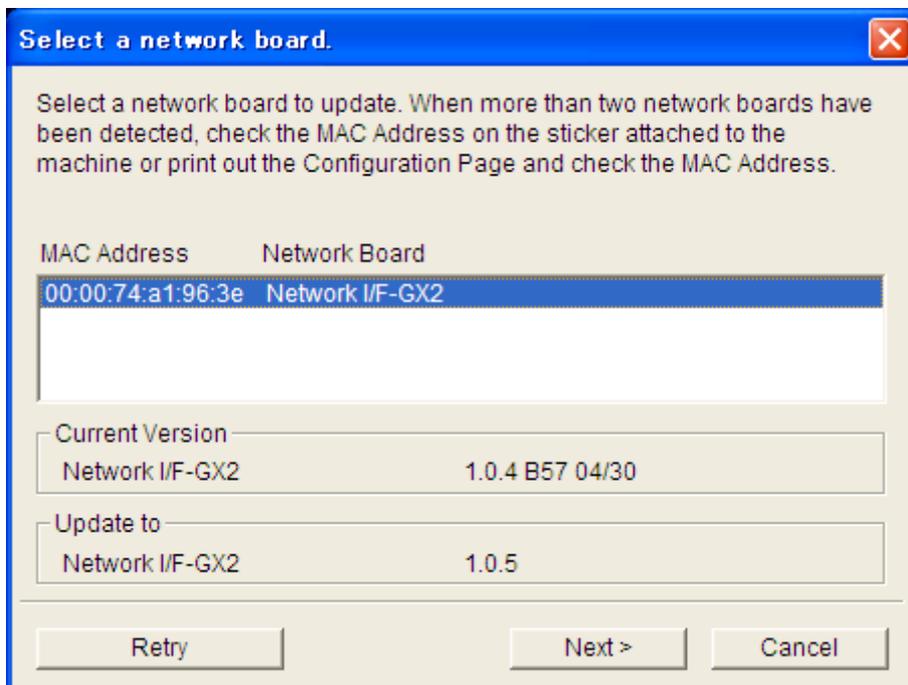


4. A list of updatable network boards is displayed.

Select the MAC address\* of the network board you want to update, and then click [Next].

\*To Check your MAC Address

1. Disconnect the LAN cable from the network interface board.
2. Remove the plastic cover from the network interface board.
3. The MAC address (XX:XX:XX:XX:XX:XX) is printed on the seal above the LAN port.

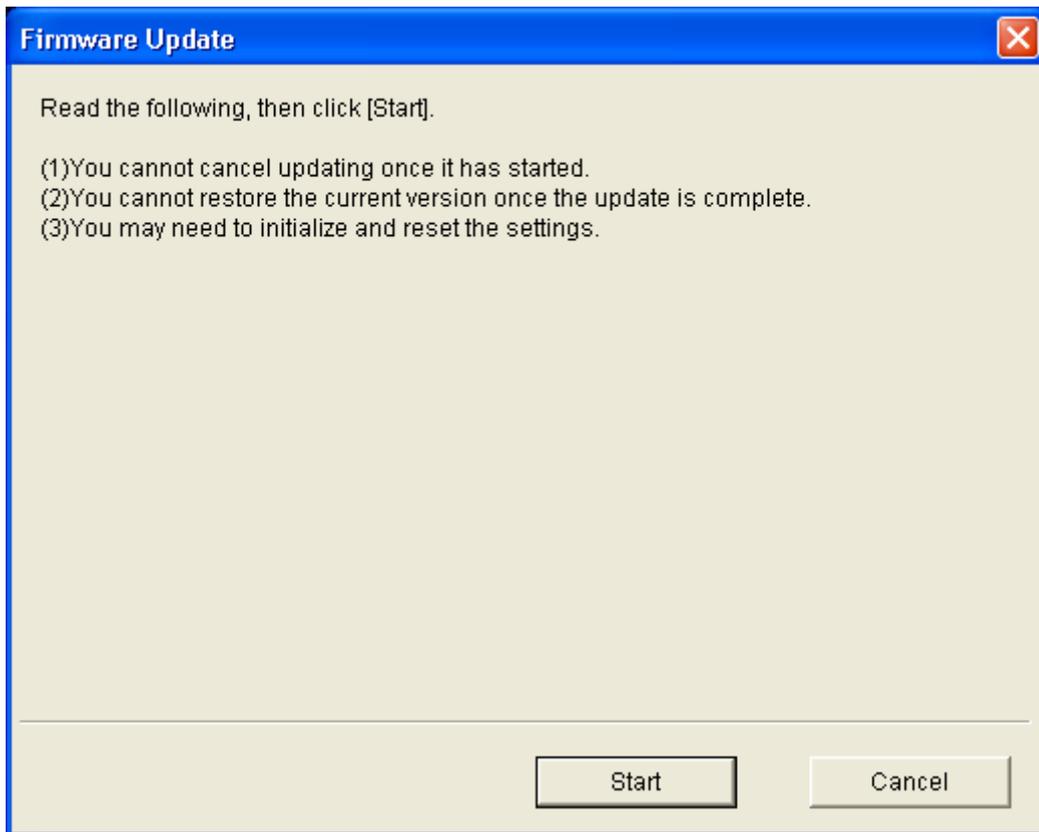


If the network board you want to update does not appear, click [Retry].

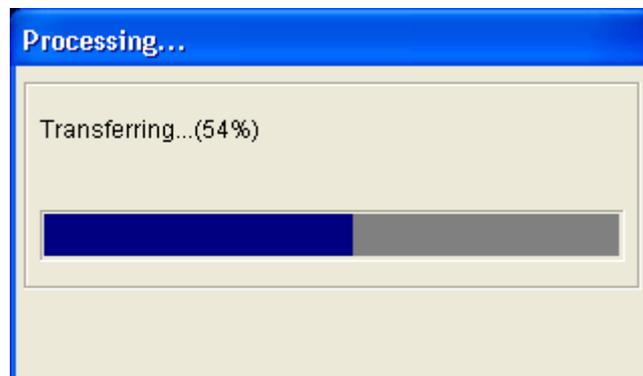
If it still does not appear, check the network board is properly installed.

5. Take note of the information displayed, and then click [Start].

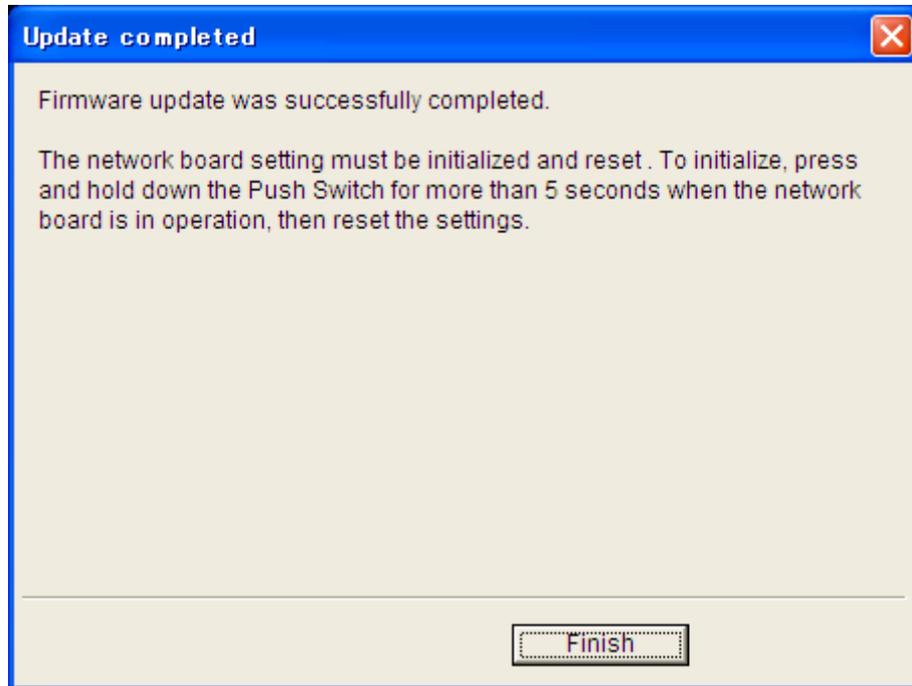
Updating begins.



6. A progress indicator appears.



7. The update is complete.



If the message shown above appears, press the Push Switch on the network board and hold it down for at least five seconds.

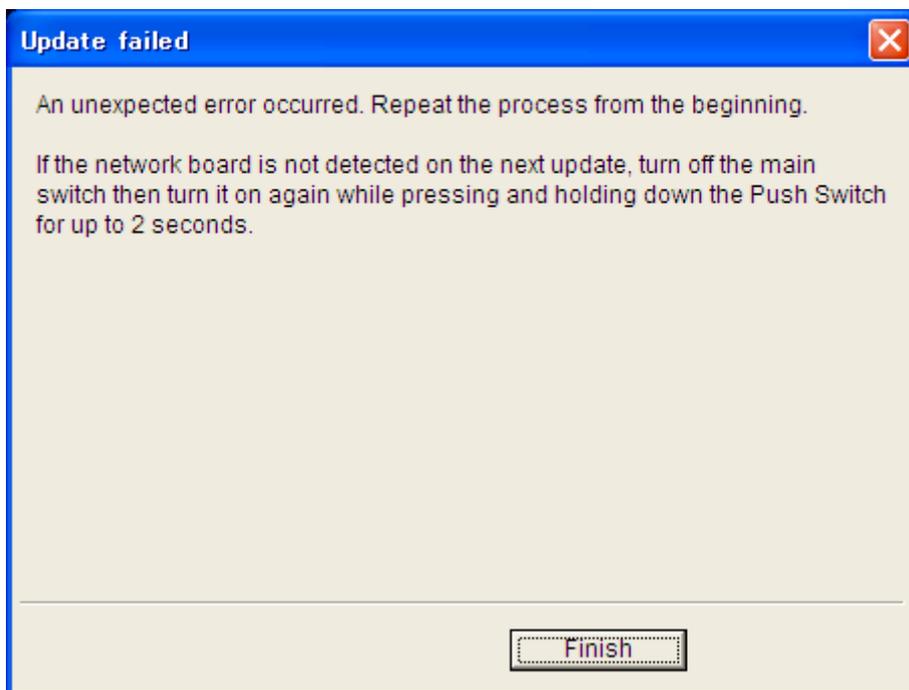
After resetting the network board, you must make the network settings again.

## ■ If the Update Fails

The update will fail if a network cable is unplugged or a network communication error occurs.

To resolve a failed update, repeat the previous procedure, starting from 1.

If the network board is not found in step 4, switch off the computer's power, wait at least two seconds, and then, while holding down the network board's Push Switch, switch the power back on. The network board will enter forced update mode, and will probably be detected in the next search.



## ■ Uninstalling the Packet driver

If you need to uninstall the Packet driver after completing an update, use the following procedure.

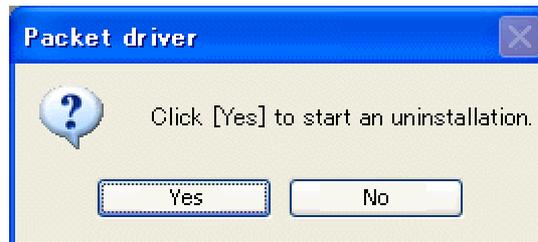
1. Double click [¥Pd¥Uninstall¥PDUNINST.exe].

The uninstaller opens.

A confirmation dialog box appears.

Click [Yes].

A progress indicator appears and the uninstaller begins.



2. Uninstallation is complete.



The Packet driver is uninstalled.

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