

## Firmware Update Guide (Web Image Monitor)

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# **1. About Firmware Updates**

This manual explains how to update the firmware of the machine.

# **2. Operating Environment**

A Web browser is required for use.

To use the Web browser, specify the TCP/IP protocols of your computer and the machine.

# **3. 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.

## 4. Firmware Update Operating Instructions

These instructions explain how to update the firmware of the machine.

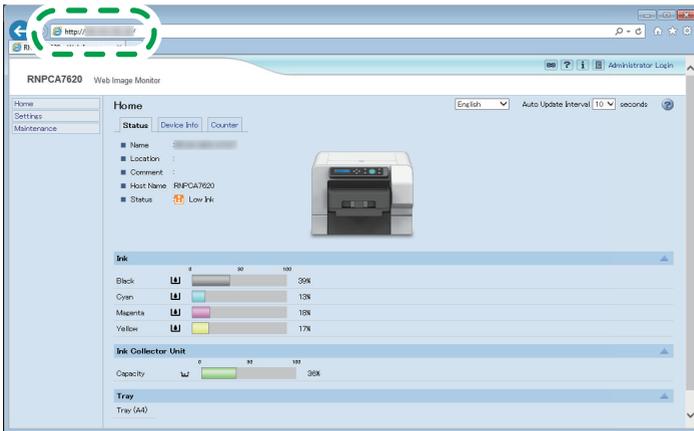
Before you start the update, make sure of the following:

- The machine is in standby mode.
- No applications are running on the computer.

The following procedure uses Windows 7 screenshots.

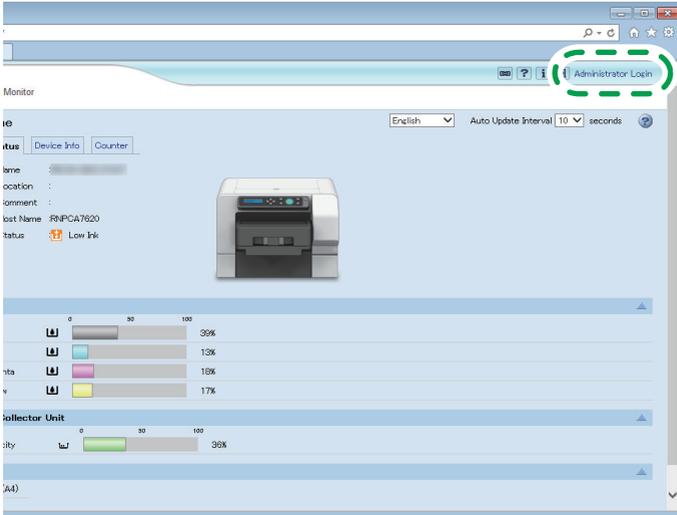
1. **Open a Web browser.**

2. **Enter "http://(the machine's IP address or host name)/" in the address bar.**



DSB207

### 3. Click [Administrator Login].



DSB208

The following screen appears.



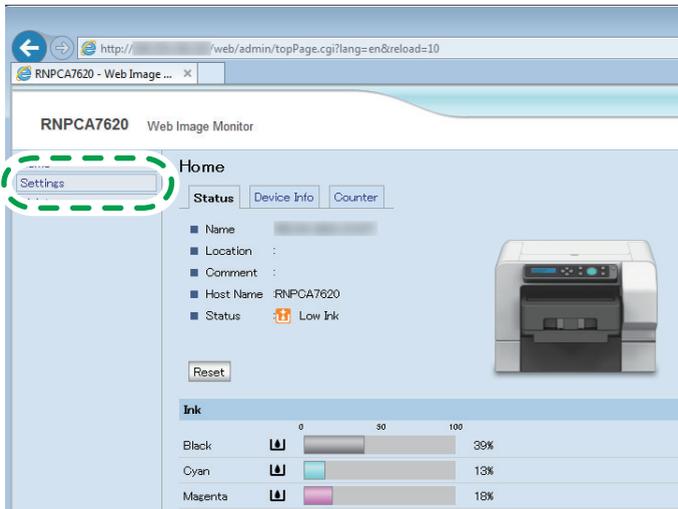
4. Enter the login name and password, and then click [OK].

The default login name for administrators is "admin". No login password is set up. To ensure security, it is important you change the password.



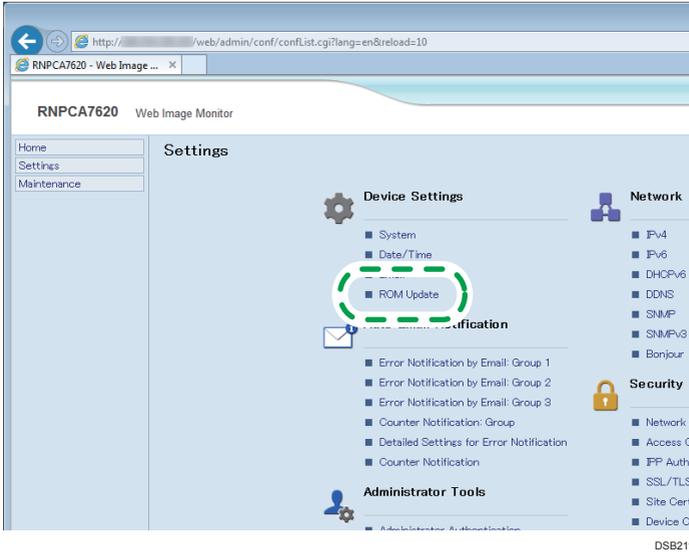
DSB209

5. In the menu area, click [Settings].



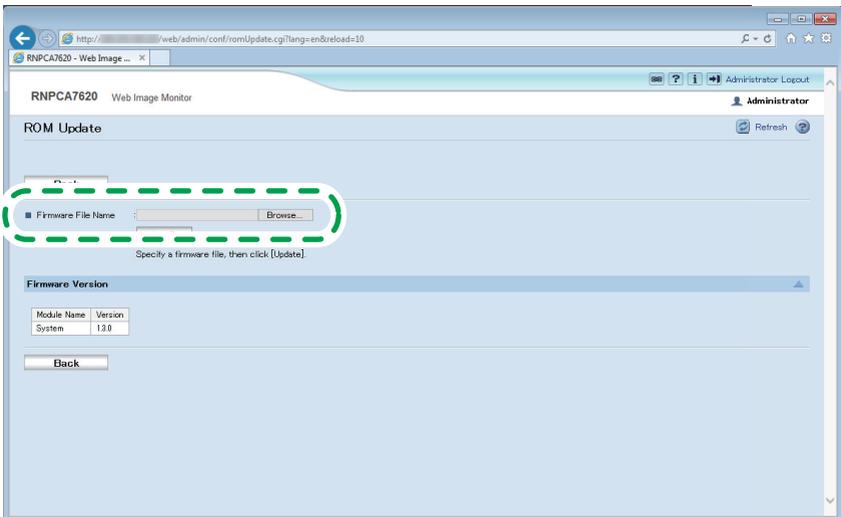
DSB210

6. Click [ROM Update].



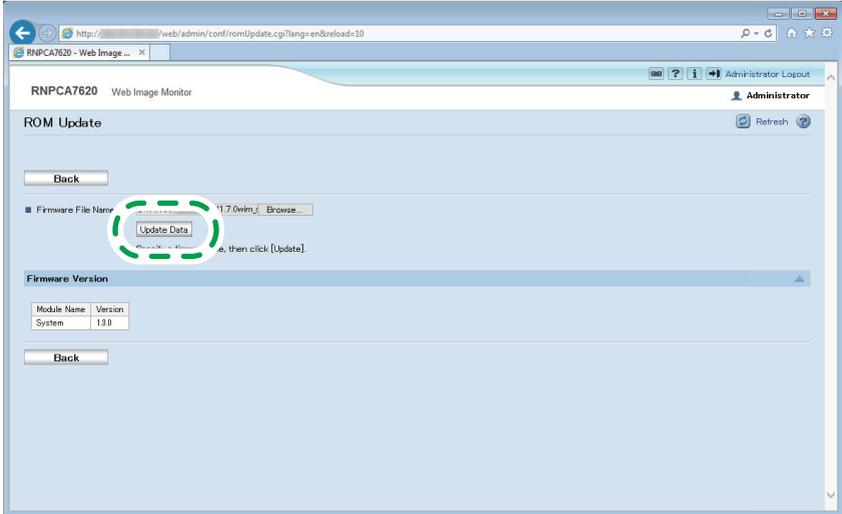
7. Select the update file (\*\*\*.bin).

Enter the path to the file in [Firmware File Name] or click [Browse...] and select the file.



DSB212

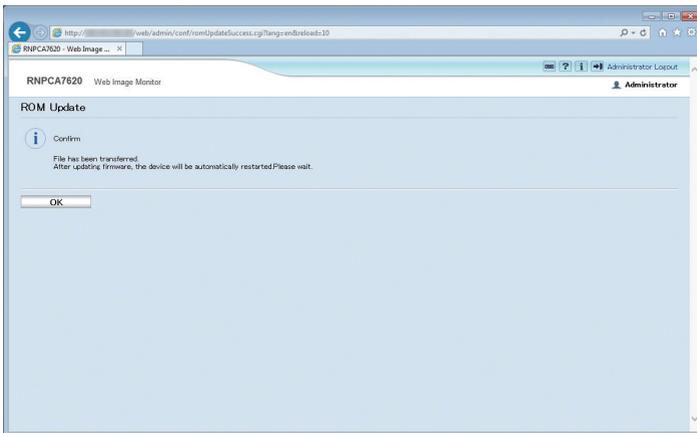
## 8. Click [Update Data].



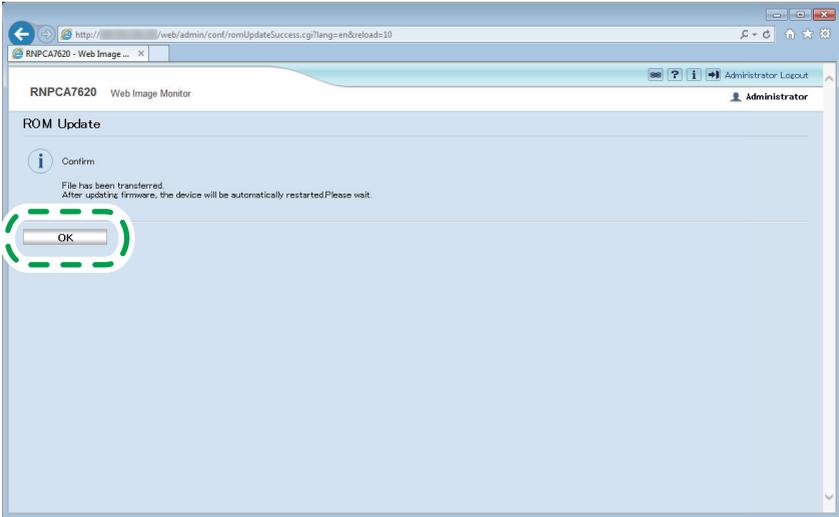
DSB213

Updating starts.

When the update file transfer completes, the following message appears: The update takes a while. Do not operate the Web browser, computer, or the machine while updating. The update progress appears on the machine's control panel.



**9. Click [OK].**

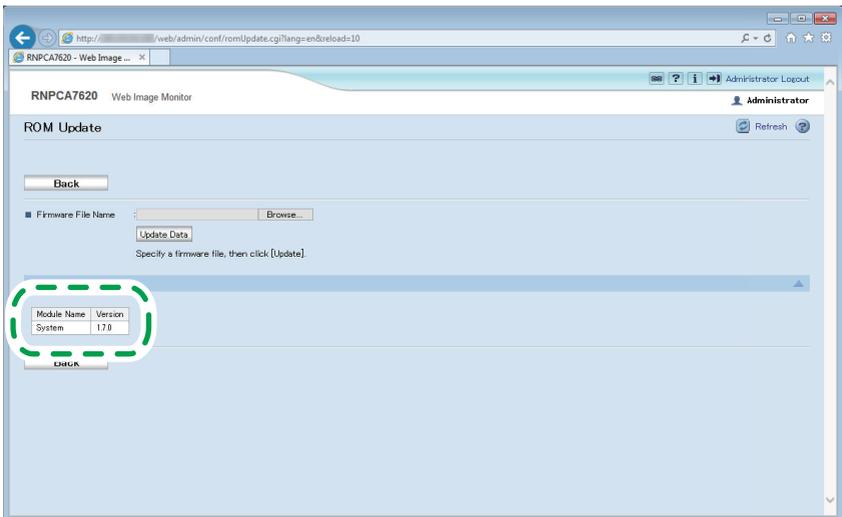


DSB214

The rebooting takes a while. Click [OK] after it reboots.  
The display returns to the ROM Update page.

If DHCP has been enabled, the IP address might be updated, resulting in the Web browser not returning to the top page. If the top page does not appear, check the IP address using the machine's control panel and try connecting again.

**10. Check the current firmware version.**



DSB215

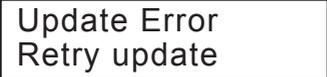
If it has been updated, the update has completed successfully.  
Otherwise, turn the power off and back on, and then try this procedure again from Step 1.

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## If the Update Fails

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If the firmware update fails, the message "Update Error Retry update" appears on the display.



Update Error  
Retry update

DSB225

In this case, turn the power off and back on, and then try this procedure again from Step 1.

# 5. Wireless LAN Update Operating Instructions

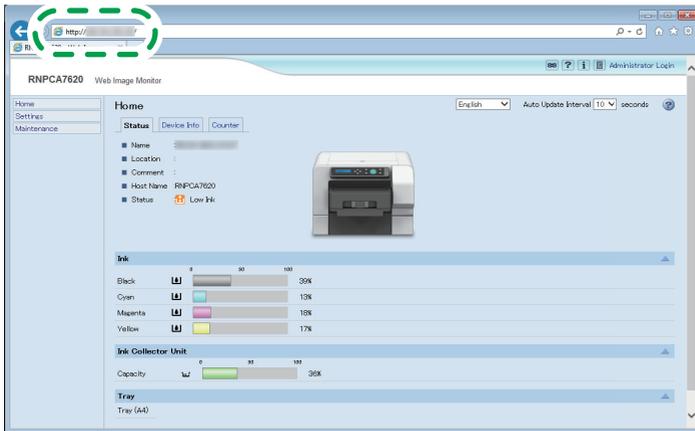
These instructions explain how to update the wireless LAN of the machine.

Before you start the update, make sure of the following:

- The machine is in standby mode.
- A wireless LAN connection is active.
- No applications are running on the computer.

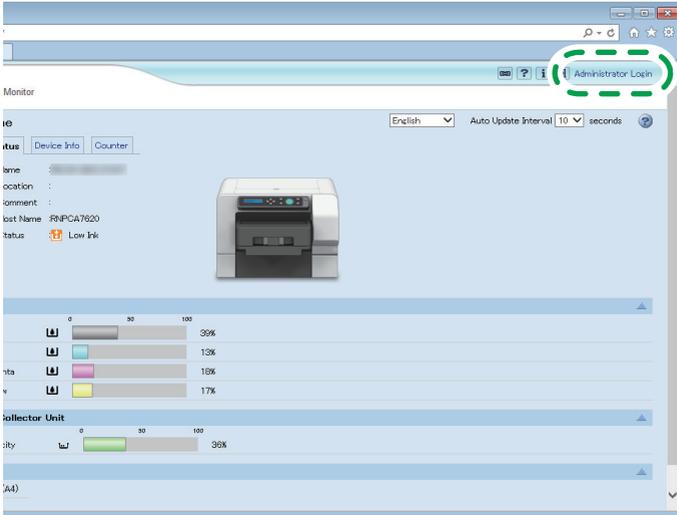
The following procedure uses Windows 7 screenshots.

1. **Open a Web browser.**
2. **Enter "http://(the machine's IP address or host name)/" in the address bar.**



DSB207

### 3. Click [Administrator Login].



DSB208

The following screen appears.



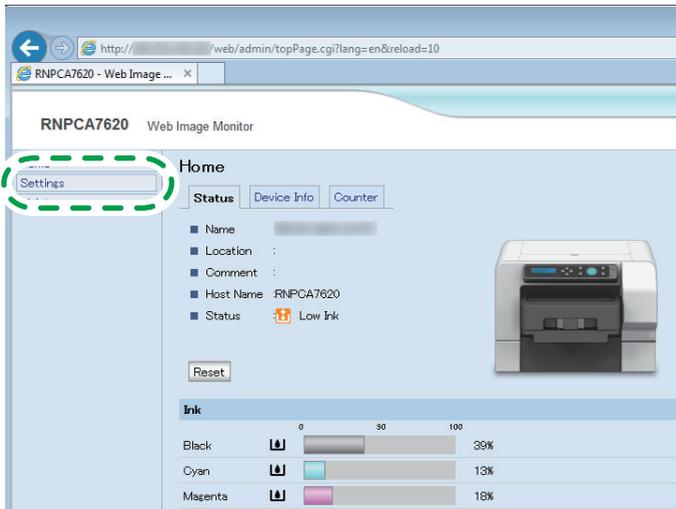
**4. Enter the login name and password, and then click [OK].**

The default login name for administrators is "admin". No login password is set up. To ensure security, it is important you change the password.



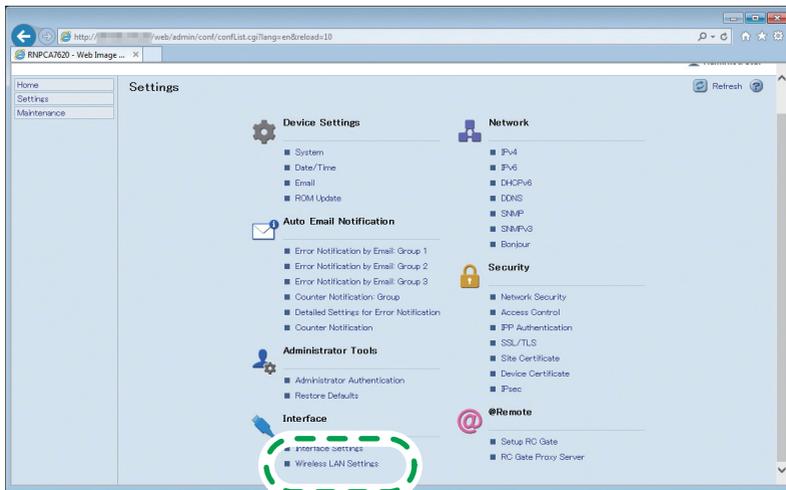
DSB209

**5. In the menu area, click [Settings].**



DSB210

## 6. Click [Wireless LAN Settings].



DSB216

## 7. Select the update file (\*\*\*.bin).

Enter the path to the file in [Firmware File Name] or click [Browse...] and select the file.

The screenshot shows the 'Wireless LAN Settings' page for device RNPCA7620. The page includes sections for 'Wireless LAN Settings', 'WEP Settings', 'WPA Settings', and 'Firmware Update'. The 'Firmware Update' section is circled in green, showing a text input field for 'Firmware File Name', a 'Browse...' button, and an 'Update' button. The 'Wireless LAN Settings' section shows 'Network' as Active, 'Version' as 00:00:00:00:00:00, 'MAC Address' as 00:00:00:00:00:00, 'Wireless Signal Status' as Unavailable(0%), 'SSID' as [redacted], and 'Security Method' as WPA. The 'WEP Settings' section shows 'WEP Key Status' as Not Set, 'New WEP Key' and 'Confirm WEP Key' as empty fields, and an 'Apply' button. The 'WPA Settings' section shows 'WPA Encryption Method' as TKIP (selected) and COMP, 'WPA Authentication Method' as WPA2, 'PSK Status' as Already Set, 'PSK' and 'Confirm PSK' as empty fields, 'User Name' as empty, 'EAP Type' as EAP-TLS, 'WPA Client Certificate Status' as None, 'Certificate Validity Period Error' as Certificate validity period unknown, 'Password' and 'Confirm Password' as empty fields, and 'Apply' buttons.

DSB217

## 8. Click [Update].

RNPCA7620 Web Image Monitor Administrator Logout Administrator

Wireless LAN Settings Refresh

OK Cancel

[Note] If the settings are incorrect, you may not be able to connect to the network.

**Wireless LAN Settings**

- Network: Active
- Version: :
- MAC Address: 00:00:00:00:00:00
- Wireless Signal Status: Unavailable(0%)
- SSID: [Redacted]
- Security Method: WPA

**WEP Settings**

- WEP Key Status: Not Set
- New WEP Key: [Redacted] Apply
- Confirm WEP Key: [Redacted]

**WPA Settings**

- WPA Encryption Method:  TKIP  CCMP
- WPA Authentication Method: WPA2
- PSK Status: Already Set
- PSK: [Redacted] Apply
- Confirm PSK: [Redacted]
- User Name: [Redacted]
- EAP Type: EAP-TLS
- WPA Client Certificate Status: None
- Certificate Validity Period Error: Certificate validity period unknown.
- Password: [Redacted] Apply
- Confirm Password: [Redacted]

**Firmware Update**

- Firmware File: [Redacted] Browse... Update

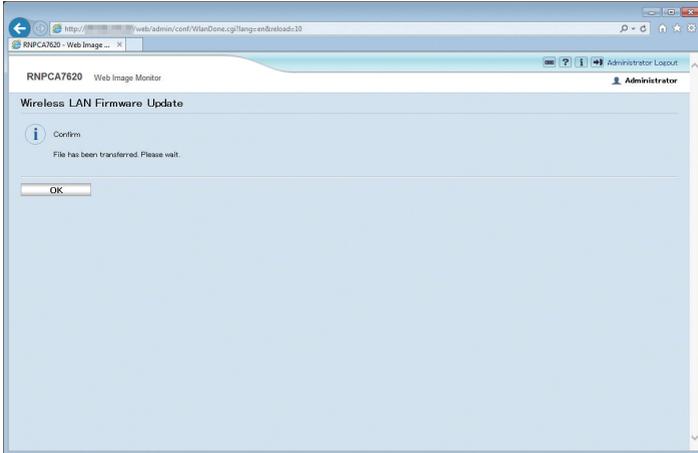
... file, then click [Update].

OK Cancel

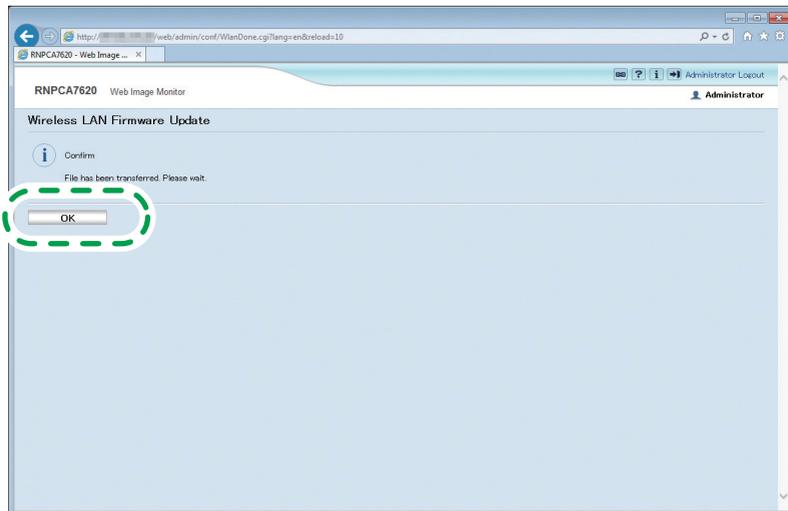
DSB218

Updating starts.

When the update file transfer completes, the following message appears:  
The update takes a while. Do not operate the Web browser, computer, or the machine while updating. The update progress appears on the machine's control panel.



9. Click [OK].

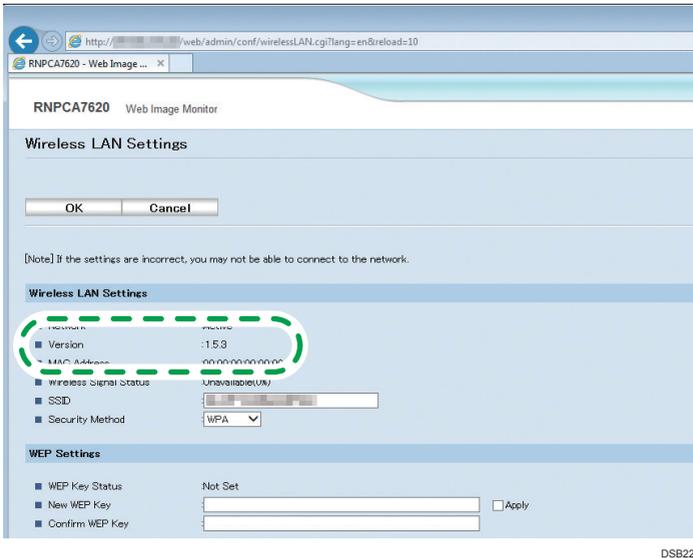


DSB219

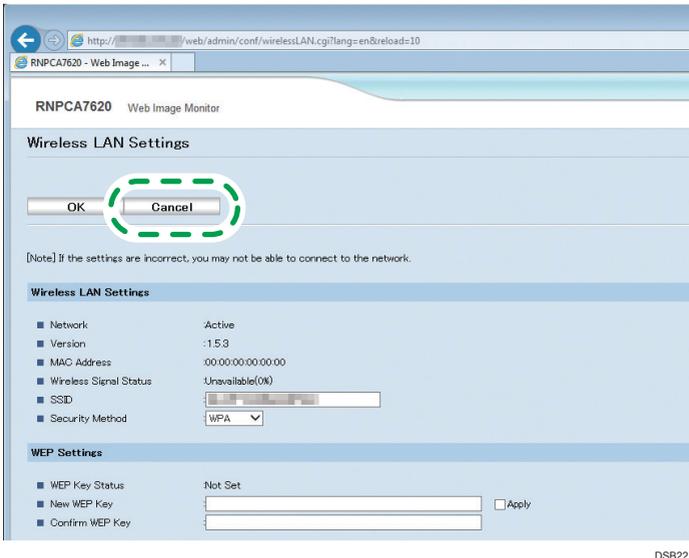
The rebooting takes a while. Click [OK] after it reboots.  
The display returns to the Wireless LAN Settings page.

If DHCP has been enabled, the IP address might be updated, resulting in the Web browser not returning to the top page. If the top page does not appear, check the IP address using the machine's control panel and try connecting again.

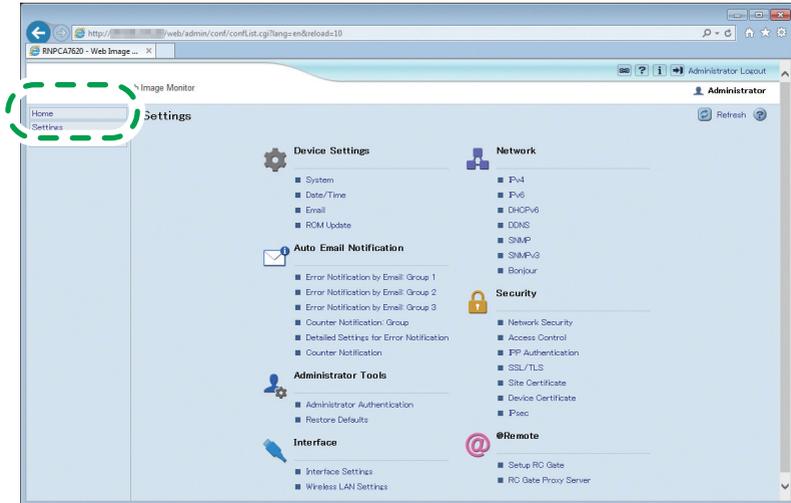
## 10. Check the version in "Wireless LAN Settings".



## 11. Click [Cancel].

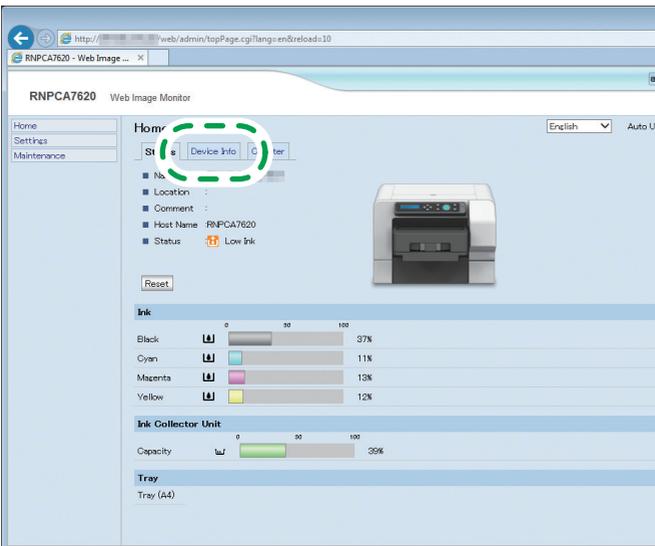


## 12. Click [Home].



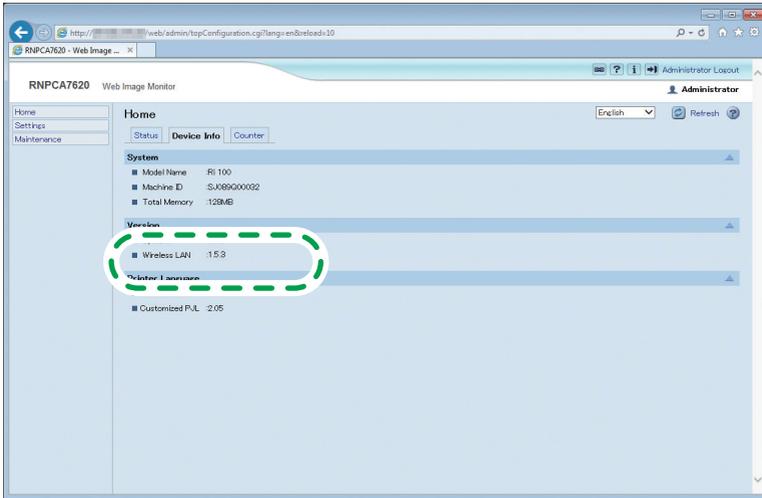
DSB222

## 13. Click [Device Info].



DSB223

## 14. Check the version in "Wireless LAN".



DSB224

If it has been updated, the update has completed successfully.

Otherwise, turn the power off and back on, and then try this procedure again from Step 1.

## 6. Trademarks

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Microsoft® Windows® 7 Professional

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Microsoft® Windows® 7 Enterprise

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