# RICOH

# Technical Bulletin

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| Model: Browser Unit Type B | Date: 28-Jun-06 | No.: RB828001 |
|---|---|---|

| Subject: Firmware Update Procedure | Prepared by: |
|---|---|
| From: 1st Tech. Support Sec. Service Support Dept. | |

| Classification: | ☐ Troubleshooting | ☐ Part information | ☐ Action required |
|---|---|---|---|
| | ☐ Mechanical | ☐ Electrical | ☐ Service manual revision |
| | ☐ Paper path | ☐ Transmit/receive | ☒ Retrofit information |
| | ☐ Product Safety | ☐ Other ( ) | |

## Firmware Update Procedure for the Browser Option

Do the following procedure to update the Browser Option firmware.

1. Remove the SD card slot cover.
2. Insert the SD card with the new firmware into the SD card slot.
   **Important:** Push the card in slowly until you hear a click.
3. Turn ON the main power switch.
4. Push the "User Tools" key.
5. Touch "Extended Feature Settings" twice on the LCD.
6. Touch "Uninstall" on the LCD.
7. Touch the "Browser" line.
   **Note:** A confirmation message is displayed on the LCD.
8. Touch "Yes".
   **Note:** Another confirmation message is displayed on the LCD.
9. Touch "Yes" to uninstall the browser unit.
10. You will see "Uninstalling the extended feature... Please wait.", and then "Completed".
11. Touch "Exit" to go back to the settings screen.
12. Exit "User/Tools", and then turn OFF the main power switch.
13. Remove the SD card from the SD card slot.
14. Save the "sdk" folder that contains the new firmware for the Browser Option in the HDD of the PC.
15. Insert the SD card into the SD card reader connected to the PC.
16. Upload (overwrite) the new "sdk" folder to the SD card.
17. Install the new Browser Unit firmware in the machine.
    **Note:** See the "Firmware Installation Procedure".

# RICOH

| Model: Browser Unit Type B | Date: 11-Jul-06 | No.: RB828002 |
|---|---|---|

| Subject: Firmware Release Note:Browser | Prepared by: K. Moriizumi |
|---|---|
| From: 1st Tech. Support Sec. Service Support Dept. | |

| Classification: | | | |
|---|---|---|---|
| ☐ Troubleshooting | ☐ Part information | ☐ Action required | |
| ☐ Mechanical | ☐ Electrical | ☐ Service manual revision | |
| ☐ Paper path | ☐ Transmit/receive | ☐ Retrofit information | |
| ☐ Product Safety | ☒ Other ( ) | | |

This RTB has been issued to announce the firmware release information for the Browser Type B.

| Version | Program No. | Effective Date |
|---|---|---|
| *1.11* | *B8285301B* | *June 2006 production* |
| 1.01 | B8285301 | 1st Mass Production |

| Version | Symptom Corrected |
|---|---|
| *1.11* | *Symptom corrected:* <br><br> *1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.* <br> *Note:* <br> *Up to now, ScanRouter EX compensated for this error. So, the fix in this firmware was also applied to ScanRouter EX (see versions below). The compatibility of the Browser Unit and ScanRouter EX for this issue is as follows:* |

| | *Browser 1.01* | *Browser 1.11* |
|---|---|---|
| *ScanRouter EX Professional V3.1.1.0 or older* <br> *ScanRouter EX Enterprise V2.1.1.0 or older* | *OK* | *NG* |
| *ScanRouter EX Professional V3.1.2.0 or newer* <br> *ScanRouter EX Enterprise V2.1.2.0 or newer* | *NG* | *OK* |

*2. The Browser is not displayed when the machine recovers from Energy Saver Mode.*

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| Model: Browser Unit Type B | Date: 11-Jul-06 | No.: RB828001a |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | *3. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.* <br><br> *4. The Message button is disabled after a paper jam (Model MT-C3).* |
| 1.01 | 1st Mass Production |

# **RICOH**

# **T**echnical **B**ulletin

PAGE: 1/2

| Model: Browser Unit TypeB | Date: 04-Sep-06 | No.: RB828003 |
|---|---|---|

| Subject: Firmware Release Note:Browser | | Prepared by: K. Moriizumi |
|---|---|---|
| From: 1st Tech. Support Sec. Service Support Dept. | | |
| Classification: | ☐ Troubleshooting<br>☐ Mechanical<br>☐ Paper path<br>☐ Product Safety | ☐ Part information<br>☐ Electrical<br>☐ Transmit/receive<br>☒ Other ( ) | ☐ Action required<br>☐ Service manual revision<br>☐ Retrofit information |

This RTB has been issued to announce the firmware release information for the Browser Type B.

| Version | Program No. | Effective Date |
|---|---|---|
| *1.20* | *B8285301C* | *September 2006 production* |
| 1.11 | B8285301B | June 2006 production |
| 1.01 | B8285301 | 1st Mass Production |

| Version | Symptom Corrected |
|---|---|
| *1.20* | *Symptom corrected:*<br><br>*1. Some GIF graphics are not displayed correctly.*<br>*2. The position of some buttons was not correct.*<br>*3. The machine begins the job when the Start key is pressed, even when the key color is red.*<br><br>*Other changes:*<br>*1. The "@" mark can be used for user names and passwords.*<br>*2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc).*<br>*3. The underlining of URLs can be hidden.*<br>*4. Graphics can be displayed on some buttons.*<br>*5. The text used for the browser function is easier to read (size and font type were changed).* |
| 1.11 | Symptom corrected:<br>1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.<br>Note:<br> Up to now, ScanRouter EX compensated for this error. So, the fix in this firmware was also applied to ScanRouter EX (see versions below). The compatibility of the Browser Unit and ScanRouter EX for this issue |

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| Model:Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003 |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | is as follows: <br><br> <table><tr><td></td><td>*Browser 1.01*</td><td>*Browser 1.11*</td></tr><tr><td>*ScanRouter EX Professional V3.1.1.0 or older* <br> *ScanRouter EX Enterprise V2.1.1.0  or older*</td><td>*OK*</td><td>*NG*</td></tr><tr><td>*ScanRouter EX Professional V3.1.2.0 or newer* <br> *ScanRouter EX Enterprise  V2.1.2.0 or newer*</td><td>*NG*</td><td>*OK*</td></tr></table> <br><br> 2. The Browser is not displayed when the machine recovers from Energy Saver Mode. <br> 3. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data. <br><br> 4. The Message button is disabled after a paper jam (Model M-C3). |
| 1.01 | 1st Mass Production |

**Reissued: 12-Jan-07**

| Model: Browser Unit TypeB | Date: 04-Sep-06 | No.: RB828003a |
|---|---|---|

**RTB Reissue**

The items in bold italics have been changed.

| Subject: Firmware Release Note:Browser | Prepared by: K. Moriizumi |
|---|---|
| From: 1st Tech. Support Sec. Service Support Dept. | |

| Classification: | ☐ Troubleshooting | ☐ Part information | ☐ Action required |
|---|---|---|---|
| | ☐ Mechanical | ☐ Electrical | ☐ Service manual revision |
| | ☐ Paper path | ☐ Transmit/receive | ☐ Retrofit information |
| | ☐ Product Safety | ☒ Other ( ) | |

This RTB has been issued to announce the firmware release information for the Browser Type B.

| Version | Program No. | Effective Date |
|---|---|---|
| *1.32* | *B8285301E* | *December 2006 production* |
| 1.20 | B8285301C | September 2006 production |
| 1.11 | B8285301B | June 2006 production |
| 1.01 | B8285301 | 1st Mass Production |

| Version | Symptom Corrected |
|---|---|
| *1.32* | *Other changes:* <br><br> *The installation and firmware update procedures were changed.* <br><br> *The procedure is as follows.* <br> *1. Turn the main power off and insert the SD card in SD card Slot No.3 (=SD3). Then, turn the main power on.* <br> *2. Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order. (The Extended Feature Settings screen will be displayed).* <br> *3. Install the Browser option (upload the option from the SD card to the machine HDD).* <br> *4. Turn the main power off and on.* <br> *Important: Do not remove the SD card from SD3.* <br> *5. Access the Browser screen from the "Extended Feature Settings" screen.* <br> *6. The following message appears if the firmware update was successful: "The MFP Browser was successfully installed."* <br> *7. Turn the main power off and remove the SD card from SD3. Then, turn the main power on.* |
| 1.20 | Symptom corrected: <br> 1. Some GIF graphics are not displayed correctly. <br> 2. The position of some buttons was not correct. |

| Model:Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003 |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | 3. The machine begins the job when the Start key is pressed, even when the key color is red.<br><br>Other changes:<br>1. The "@" mark can be used for user names and passwords.<br>2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc).<br>3. The underlining of URLs can be hidden.<br>4. Graphics can be displayed on some buttons.<br>5. The text used for the browser function is easier to read (size and font type were changed). |
| 1.11 | Symptom corrected:<br>1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.<br>Note:<br>Up to now, ScanRouter EX compensated for this error. So, the fix in this firmware was also applied to ScanRouter EX (see versions below). The compatibility of the Browser Unit and ScanRouter EX for this issue is as follows:<br><br>_table below_<br><br>2. The Browser is not displayed when the machine recovers from Energy Saver Mode.<br>3. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.<br>4. The Message button is disabled after a paper jam (Model M-C3). |
| 1.01 | 1st Mass Production |

|  | *Browser 1.01* | *Browser 1.11* |
|---|---|---|
| *ScanRouter EX Professional V3.1.1.0 or older*<br>*ScanRouter EX Enterprise V2.1.1.0 or older* | *OK* | *NG* |
| *ScanRouter EX Professional V3.1.2.0 or newer*<br>*ScanRouter EX Enterprise V2.1.2.0 or newer* | *NG* | *OK* |

**Reissued: 14-Jun-07**

| Model: Browser  Option TypeB | Date: 28-Jun-06 | No.: RB828001a |
|---|---|---|

RTB Reissue
The items in **bold italics** were corrected or added.

| Subject: Firmware update procedure for Browser Option | Prepared by: K. Moriizumi |
|---|---|
| From: 1st Tech. Support Sec. Service Support Dept. | |

| Classification: | ☐ Troubleshooting | ☐ Part information | ☐ Action required |
|---|---|---|---|
| | ☐ Mechanical | ☐ Electrical | ☐ Service manual revision |
| | ☐ Paper path | ☐ Transmit/receive | ☒ Retrofit information |
| | ☐ Product Safety | ☐ Other ( ) | |

## Firmware Update Procedure for the Browser Option

Do the following procedure to update the Browser Option firmware.

*Important: The installation and firmware update procedure were changed from version 1.32. Use the correct procedure for the version of firmware in question, as shown below.*

***Procedure for version 1.32 and newer only:***
1. *Turn the main power off and insert the SD card into SD card Slot No. 3 (=SD3). Then, turn the main power on.*
2. *Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order (the Extended Feature Settings screen will be displayed).*
3. *Install the Browser option (upload the option from the SD card to the machine HDD).*
4. *Turn the main power off and on.*
   *Important: Do not remove the SD card from SD3.*
5. *Access the Browser screen from the "Extended Feature Settings" screen.*
6. *The following message appears if the firmware update was successful:*
   *"The MFP Browser was successfully installed."*

7. *Turn the main power off and remove the SD card from SD3. Then, turn the main power on.*

***Procedure for versions before v1.32 only:***

*Important: Do not use this procedure for version 1.32 or newer.*

1. Remove the SD card slot cover.
2. Insert the SD card with the new firmware into the SD card slot.
   **Important:** Push the card in slowly until you hear a click.
3. Turn ON the main power switch.
4. Push the "User Tools" key.

| Model: Browser  Option TypeB | Date: 28-Jun-06 | No.: RB828001a |
|---|---|---|

5.  Touch "Extended Feature Settings" twice on the LCD.
6.  Touch "Uninstall" on the LCD.
7.  Touch the "Browser" line.
    **Note:** A confirmation message is displayed on the LCD.
8.  Touch "Yes".
    **Note:** Another confirmation message is displayed on the LCD.
9.  Touch "Yes" to uninstall the browser unit.
10. You will see "Uninstalling the extended feature... Please wait.", and then "Completed".
11. Touch "Exit" to go back to the settings screen.
12. Exit "User/Tools", and then turn OFF the main power switch.
13. Remove the SD card from the SD card slot.
14. Save the "sdk" folder that contains the new firmware for the Browser Option in the HDD of the PC.
15. Insert the SD card into the SD card reader connected to the PC.
16. Upload (overwrite) the new "sdk" folder to the SD card.
17. Install the new Browser Unit firmware in the machine.
    **Note:** See the "Firmware Installation Procedure".

| Model: Browser Unit TypeB | Date: 04-Sep-06 | No.: RB828003b |
|---|---|---|

**RTB Reissue**
The items in bold italics have been changed.

| Subject: Firmware Release Note:Browser | Prepared by: K. Moriizumi |
|---|---|
| From: 1st Tech. Support Sec. Service Support Dept. | |

| Classification: | ☐ Troubleshooting | ☐ Part information | ☐ Action required |
|---|---|---|---|
| | ☐ Mechanical | ☐ Electrical | ☐ Service manual revision |
| | ☐ Paper path | ☐ Transmit/receive | ☐ Retrofit information |
| | ☐ Product Safety | ☒ Other ( ) | |

This RTB has been issued to announce the firmware release information for the Browser Type B.

| Version | Program No. | Effective Date |
|---|---|---|
| *1.40* | *B8285301F* | *April 2007 production* |
| 1.32 | B8285301E | December 2006 production |
| 1.20 | B8285301C | September 2006 production |
| 1.11 | B8285301B | June 2006 production |
| 1.01 | B8285301 | 1st Mass Production |

| Version | Symptom Corrected |
|---|---|
| *1.40* | *Symptom corrected:* <br> *1. An HTTP error occurs if the Reason-Phrase is not specified in the response from the Web server.* <br> *2. Even when Server Connection Timeout is set to a value between 101-999 seconds, the time-out error occurs if connection is not established within 100 seconds.* <br> *3. Images scanned from the browser for local storage are always scanned in full color.* <br><br> *Other changes:* <br> *4. The character size for the HTML standard tag text area can be changed.* <br> *5. Supports the "hr" HTML standard tag.* <br> *6. Supports the "document.cookie" JavaScript standard command.* <br> *7. The Start key LED turns red when the operator opens up the software keyboard.* <br> *8. The ADS setting is independent from the Auto Image Density setting for the Scanner feature.* <br> *9. Automatic line feed (word wrap) was applied to the JavaScript message box.* <br> *10. The "Scan", "Print", and "Download" logs can be browsed individually.* <br> *11. Improved the display and performance of radio buttons and pull-down menus.* <br> *12. The default font size for the browser was changed from "small" to "middle".* <br> *13. The Default Character Set can be programmed in the browser.* |

| Model:Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003b |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| 1.32 | Other changes:<br>The installation and firmware update procedures were changed.<br>1. Turn the main power off and insert the SD card in SD card Slot No.3 (=SD3). Then, turn the main power on.<br>2. Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order. (the Extended Feature Settings screen will be displayed).<br>3. Install the Browser option (upload the option from the SD card to the machine HDD).<br>4. Turn the main power off and on.<br>Important: Do not remove the SD card from SD3.<br>5. Access the Browser screen from the "Extended Feature Settings" screen.<br>6. The following message appears if the firmware update was successful: "The MFP Browser was successfully installed."<br>7. Turn the main power off and remove the SD card from SD3. Then, turn the main power on. |
| 1.20 | Symptom corrected:<br>1. Some GIF graphics are not displayed correctly.<br>2. The position of some buttons was not correct.<br>3. The machine begins the job when the Start key is pressed, even when the key color is red.<br><br>Other changes:<br>1. The "@" mark can be used for user names and passwords.<br>2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc).<br>3. The underlining of URLs can be hidden.<br>4. Graphics can be displayed on some buttons.<br>5. The text used for the browser function is easier to read (size and font type were changed). |
| 1.11 | Symptom corrected:<br>1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.<br>Note:<br>Up to now, ScanRouter EX compensated for this error. So, the fix in this firmware was also applied to ScanRouter EX (see versions below). The compatibility of the Browser Unit and ScanRouter EX for this issue is as follows: |

|  | Browser 1.01 | Browser 1.11 |
|---|---|---|
| ScanRouter EX Professional V3.1.1.0 or older<br><br>ScanRouter EX Enterprise<br>V2.1.1.0 or older | OK | NG |
| ScanRouter EX Professional<br><br>V3.1.2.0 or newer<br>ScanRouter EX Enterprise<br> V2.1.2.0 or newer | NG | OK |

| Model:Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003b |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | 2. The Browser is not displayed when the machine recovers from Energy Saver Mode.<br>3. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.<br>4. The Message button is disabled after a paper jam (Model M-C3). |
| 1.01 | 1st Mass Production |

| Model:Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003b |
|---|---|---|

2. The Browser is not displayed when the machine recovers from Energy Saver Mode.
3. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.

**Reissued: 29-Feb-08**

| Model: Browser Unit TypeB | Date: 04-Sep-06 | No.: RB828003c |
|---|---|---|

**RTB Reissue**

The items in bold italics have been changed.

| Subject: Firmware Release Note:Browser | | Prepared by: K. Moriizumi |
|---|---|---|
| From: 1st Tech. Support Sec. Service Support Dept. | | |
| Classification: | ☐ Troubleshooting ☐ Part information ☐ Action required ☐ Mechanical ☐ Electrical ☐ Service manual revision ☐ Paper path ☐ Transmit/receive ☐ Retrofit information ☐ Product Safety ☒ Other ( ) | |

This RTB has been issued to announce the firmware release information for the Browser Type B.

| Version | Program No. | Effective Date |
|---|---|---|
| *1.41* | *B8285301G* | *May 2007 production* |
| 1.40 | B8285301F | April 2007 production |
| 1.32 | B8285301E | December 2006 production |
| 1.20 | B8285301C | September 2006 production |
| 1.11 | B8285301B | June 2006 production |
| 1.01 | B8285301 | 1st Mass Production |

| Version | Symptom Corrected |
|---|---|
| *1.41* | *Symptom corrected:* *Minor bug.* |
| 1.40 | Symptom corrected: 1. An HTTP error occurs if the Reason-Phrase is not specified in the response from the Web server. 2. Even when Server Connection Timeout is set to a value between 101-999 seconds, the time-out error occurs if connection is not established within 100 seconds. 3. Images scanned from the browser for local storage are always scanned in full color. Other changes: 4. The character size for the HTML standard tag text area can be changed. 5. Supports the "hr" HTML standard tag. 6. Supports the "document.cookie" JavaScript standard command. 7. The Start key LED turns red when the operator opens up the software keyboard. 8. The ADS setting is independent from the Auto Image Density setting for the Scanner feature. 9. Automatic line feed (word wrap) was applied to the JavaScript message box. 10. The "Scan", "Print", and "Download" logs can be browsed individually. 11. Improved the display and performance of radio buttons and pull-down menus. 12. The default font size for the browser was changed from "small" to "middle". |

**RICOH**

| Model:Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003b |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | 13. The Default Character Set can be programmed in the browser. |
| 1.32 | Other changes:<br>The installation and firmware update procedures were changed.<br>1. Turn the main power off and insert the SD card in SD card Slot No.3 (=SD3). Then, turn the main power on.<br>2. Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order. (the Extended Feature Settings screen will be displayed).<br>3. Install the Browser option (upload the option from the SD card to the machine HDD).<br>4. Turn the main power off and on.<br>Important: Do not remove the SD card from SD3.<br>5. Access the Browser screen from the "Extended Feature Settings" screen.<br>6. The following message appears if the firmware update was successful: "The MFP Browser was successfully installed."<br>7. Turn the main power off and remove the SD card from SD3. Then, turn the main power on. |
| 1.20 | Symptom corrected:<br>1. Some GIF graphics are not displayed correctly.<br>2. The position of some buttons was not correct.<br>3. The machine begins the job when the Start key is pressed, even when the key color is red.<br><br>Other changes:<br>1. The "@" mark can be used for user names and passwords.<br>2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc).<br>3. The underlining of URLs can be hidden.<br>4. Graphics can be displayed on some buttons.<br>5. The text used for the browser function is easier to read (size and font type were changed). |
| 1.11 | Symptom corrected:<br>1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.<br>Note:<br>Up to now, ScanRouter EX compensated for this error. So, the fix in this firmware was also applied to ScanRouter EX (see versions below). The compatibility of the Browser Unit and ScanRouter EX for this issue is as follows:<br><br>

<table>
<tr><th></th><th><em>Browser 1.01</em></th><th><em>Browser 1.11</em></th></tr>
<tr><td><em>ScanRouter EX Professional V3.1.1.0 or older</em><br><br><em>ScanRouter EX Enterprise</em><br><br><em>V2.1.1.0  or older</em></td><td><em>OK</em></td><td><em>NG</em></td></tr>
<tr><td><em>ScanRouter EX Professional</em><br><br><em>V3.1.2.0 or newer</em><br><br><em>ScanRouter EX Enterprise</em><br><br><em> V2.1.2.0 or newer</em></td><td><em>NG</em></td><td><em>OK</em></td></tr>
</table>

| Model:Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003b |

| Version | Symptom Corrected |
|---|---|
|  | 2. The Browser is not displayed when the machine recovers from Energy Saver Mode.<br>3. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.<br>4. The Message button is disabled after a paper jam (Model M-C3). |
| 1.01 | 1st Mass Production |

**Reissued: 23-May-08**

| Model: Browser Unit TypeB | Date: 04-Sep-06 | No.: RB828003d |
|---|---|---|

**RTB Reissue**

The items in bold italics have been changed.

| Subject: Firmware Release Note:Browser | Prepared by: K. Moriizumi |
|---|---|
| From: 1st Tech. Support Sec. Service Support Dept. | |

| Classification: | ☐ Troubleshooting | ☐ Part information | ☐ Action required |
|---|---|---|---|
| | ☐ Mechanical | ☐ Electrical | ☐ Service manual revision |
| | ☐ Paper path | ☐ Transmit/receive | ☐ Retrofit information |
| | ☐ Product Safety | ☒ Other ( ) | |

This RTB has been issued to announce the firmware release information for the Browser Type B.

| Version | Program No. | Effective Date |
|---|---|---|
| *1.60* | *B8285301H* | *February 2008 production* |
| 1.41 | B8285301G | May 2007 production |
| 1.40 | B8285301F | April 2007 production |
| 1.32 | B8285301E | December 2006 production |
| 1.20 | B8285301C | September 2006 production |
| 1.11 | B8285301B | June 2006 production |
| 1.01 | B8285301 | 1st Mass Production |

| Version | Symptom Corrected |
|---|---|
| *1.60* | *Symptom corrected:*<br>*1. Minor bug.*<br><br>*Other changes:*<br>*1. The firmware update procedure was standardized with the procedure for the main firmware (which is a more simplified procedure).* |
| 1.41 | Symptom corrected:<br>Minor bug. |
| 1.40 | Symptom corrected:<br>1. An HTTP error occurs if the Reason-Phrase is not specified in the response from the Web server.<br>2. Even when Server Connection Timeout is set to a value between 101-999 seconds, the time-out error occurs if connection is not established within 100 seconds.<br>3. Images scanned from the browser for local storage are always scanned in full color.<br><br>Other changes:<br>4. The character size for the HTML standard tag text area can be changed.<br>5. Supports the "hr" HTML standard tag.<br>6. Supports the "document.cookie" JavaScript standard command.<br>7. The Start key LED turns red when the operator opens up the software keyboard. |

| Model: Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003d |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | 8. The ADS setting is independent from the Auto Image Density setting for the Scanner feature.<br>9. Automatic line feed (word wrap) was applied to the JavaScript message box.<br>10. The "Scan", "Print", and "Download" logs can be browsed individually.<br>11. Improved the display and performance of radio buttons and pull-down menus.<br>12. The default font size for the browser was changed from "small" to "middle".<br>13. The Default Character Set can be programmed in the browser. |
| 1.32 | Other changes:<br>The installation and firmware update procedures were changed.<br>1. Turn the main power off and insert the SD card in SD card Slot No.3 (=SD3). Then, turn the main power on.<br>2. Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order. (the Extended Feature Settings screen will be displayed).<br>3. Install the Browser option (upload the option from the SD card to the machine HDD).<br>4. Turn the main power off and on.<br>Important: Do not remove the SD card from SD3.<br>5. Access the Browser screen from the "Extended Feature Settings" screen.<br>6. The following message appears if the firmware update was successful: "The MFP Browser was successfully installed."<br>7. Turn the main power off and remove the SD card from SD3. Then, turn the main power on. |
| 1.20 | Symptom corrected:<br>1. Some GIF graphics are not displayed correctly.<br>2. The position of some buttons was not correct.<br>3. The machine begins the job when the Start key is pressed, even when the key color is red.<br><br>Other changes:<br>1. The "@" mark can be used for user names and passwords.<br>2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc).<br>3. The underlining of URLs can be hidden.<br>4. Graphics can be displayed on some buttons.<br>5. The text used for the browser function is easier to read (size and font type were changed). |
| 1.11 | Symptom corrected:<br>1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.<br>Note:<br>Up to now, ScanRouter EX compensated for this error. So, the fix in this firmware was also applied to ScanRouter EX (see versions below). The compatibility of the Browser Unit and ScanRouter EX for this issue is as follows: |

**RICOH**

| Model:Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003d |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | <table><tr><td></td><td>*Browser 1.01*</td><td>*Browser 1.11*</td></tr><tr><td>*ScanRouter EX Professional V3.1.1.0 or older*<br><br>*ScanRouter EX Enterprise*<br><br>*V2.1.1.0 or older*</td><td>*OK*</td><td>*NG*</td></tr><tr><td>*ScanRouter EX Professional*<br><br>*V3.1.2.0 or newer*<br><br>*ScanRouter EX Enterprise*<br> *V2.1.2.0 or newer*</td><td>*NG*</td><td>*OK*</td></tr></table><br>2. The Browser is not displayed when the machine recovers from Energy Saver Mode.<br>3. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.<br>4. The Message button is disabled after a paper jam (Model M-C3). |
| 1.01 | 1st Mass Production |

**Reissued: 18-Nov-08**

| Model: Browser Unit Type B | Date: 04-Sep-06 | No.: RB828003e |
|---|---|---|

**RTB Reissue**

The items in bold italics have been changed.

| Subject: Firmware Release Note: Browser Type B | Prepared by: K. Moriizumi |
|---|---|
| From: 1st Tech. Support Sec. Service Support Dept. | |

| Classification: | ☐ Troubleshooting | ☐ Part information | ☐ Action required |
|---|---|---|---|
| | ☐ Mechanical | ☐ Electrical | ☐ Service manual revision |
| | ☐ Paper path | ☐ Transmit/receive | ☐ Retrofit information |
| | ☐ Product Safety | ☒ Other (        ) | |

This RTB has been issued to announce the firmware release information for the Browser Type B.

| Version | Program No. | Effective Date |
|---|---|---|
| *1.62* | *B8285301J* | *July 2008 production* |
| 1.60 | B8285301H | February 2008 production |
| 1.41 | B8285301G | May 2007 production |
| 1.40 | B8285301F | April 2007 production |
| 1.32 | B8285301E | December 2006 production |
| 1.20 | B8285301C | September 2006 production |
| 1.11 | B8285301B | June 2006 production |
| 1.01 | B8285301 | 1st Mass Production |

| Version | Symptom Corrected |
|---|---|
| *1.62* | *Symptom corrected:*<br>*1. If the Clear/Stop button is pressed while the MFP's http service is in use, the MFP start button might turn red and not return to green until rebooted. Additionally, some of the links in the operation panel might not work as expected.* |
| 1.60 | Symptom corrected:<br>1. Minor bug.<br><br>Other changes:<br>1. The firmware update procedure was standardized with the procedure for the main firmware (which is a more simplified procedure). |
| 1.41 | Symptom corrected:<br>Minor bug. |
| 1.40 | Symptom corrected:<br>1. An HTTP error occurs if the Reason-Phrase is not specified in the response from the Web server.<br>2. Even when Server Connection Timeout is set to a value between 101-999 seconds, the time-out error occurs if connection is not established within 100 seconds.<br>3. Images scanned from the browser for local storage are always scanned in full color. |

| Model:Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003d |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | Other changes:<br>4. The character size for the HTML standard tag text area can be changed.<br>5. Supports the "hr" HTML standard tag.<br>6. Supports the "document.cookie" JavaScript standard command.<br>7. The Start key LED turns red when the operator opens up the software keyboard.<br>8. The ADS setting is independent from the Auto Image Density setting for the Scanner feature.<br>9. Automatic line feed (word wrap) was applied to the JavaScript message box.<br>10. The "Scan", "Print", and "Download" logs can be browsed individually.<br>11. Improved the display and performance of radio buttons and pull-down menus.<br>12. The default font size for the browser was changed from "small" to "middle".<br>13. The Default Character Set can be programmed in the browser. |
| 1.32 | Other changes:<br>The installation and firmware update procedures were changed.<br>1. Turn the main power off and insert the SD card in SD card Slot No.3 (=SD3). Then, turn the main power on.<br>2. Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order. (the Extended Feature Settings screen will be displayed).<br>3. Install the Browser option (upload the option from the SD card to the machine HDD).<br>4. Turn the main power off and on.<br>Important: Do not remove the SD card from SD3.<br>5. Access the Browser screen from the "Extended Feature Settings" screen.<br>6. The following message appears if the firmware update was successful: "The MFP Browser was successfully installed."<br>7. Turn the main power off and remove the SD card from SD3. Then, turn the main power on. |
| 1.20 | Symptom corrected:<br>1. Some GIF graphics are not displayed correctly.<br>2. The position of some buttons was not correct.<br>3. The machine begins the job when the Start key is pressed, even when the key color is red.<br><br>Other changes:<br>1. The "@" mark can be used for user names and passwords.<br>2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc).<br>3. The underlining of URLs can be hidden.<br>4. Graphics can be displayed on some buttons.<br>5. The text used for the browser function is easier to read (size and font type were changed). |
| 1.11 | Symptom corrected:<br>1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.<br>Note:<br>Up to now, ScanRouter EX compensated for this error. So, the fix in this firmware was also applied to ScanRouter EX (see versions below). The compatibility of the Browser Unit and ScanRouter EX for this issue is as follows: |

| Model:Browser Unit TypeB | Date: 11-Jul-06 | No.: RB828003d |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | <table><tr><td></td><td>*Browser 1.01*</td><td>*Browser 1.11*</td></tr><tr><td>*ScanRouter EX Professional V3.1.1.0 or older*<br>*ScanRouter EX Enterprise V2.1.1.0  or older*</td><td>*OK*</td><td>*NG*</td></tr><tr><td>*ScanRouter EX Professional V3.1.2.0 or newer*<br>*ScanRouter EX Enterprise  V2.1.2.0 or newer*</td><td>*NG*</td><td>*OK*</td></tr></table><br>2.  The Browser is not displayed when the machine recovers from Energy Saver Mode.<br>3.  Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.<br>4.  The Message button is disabled after a paper jam (Model M-C3). |
| 1.01 | 1st Mass Production |

| Model: Browser Unit Type B | Date: 04-Sep-06 | No.: RB828003f |
|---|---|---|

**RTB Reissue**

The items in bold italics have been changed.

| Subject: Firmware Release Note: Browser Type B | Prepared by: K. Moriizumi |
|---|---|
| From: 1st Tech. Support Sec. Service Support Dept. | |

| Classification: | ☐ Troubleshooting | ☐ Part information | ☐ Action required |
|---|---|---|---|
| | ☐ Mechanical | ☐ Electrical | ☐ Service manual revision |
| | ☐ Paper path | ☐ Transmit/receive | ☐ Retrofit information |
| | ☐ Product Safety | ☒ Other ( ) | ☒ Tier 2 |

This RTB has been issued to announce the firmware release information for the Browser Type B.

| Version | Program No. | Effective Date |
|---|---|---|
| *1.71* | *B8285301L* | *June 2009 production* |
| 1.63 | B8285301K | September 2008 production |
| 1.62 | B8285301J | July 2008 production |
| 1.60 | B8285301H | February 2008 production |
| 1.41 | B8285301G | May 2007 production |
| 1.40 | B8285301F | April 2007 production |
| 1.32 | B8285301E | December 2006 production |
| 1.20 | B8285301C | September 2006 production |
| 1.11 | B8285301B | June 2006 production |
| 1.01 | B8285301 | 1st Mass Production |

| Version | Symptom Corrected |
|---|---|
| *1.71* | *Symptom corrected:* |
| | *1. Image data files remain in HDD memory if the main power switch is turned off while the scanned data is being transferred.* |
| | *2. The MFP browser screen may not respond once the machine enters Sleep Mode.* |
| | *3. If the operation switch is turned off/on while the software keyboard is displayed, the MFP browser screen may not open.* |
| | *4. Duplex documents rescanned from the ADF after a jam might result in an SC990 error.* |
| | *5. Scanning from MFP browser cancelled and no error message displayed. This occurred if a document had just been scanned directly from the exposure glass, using the standard scanner and the device was still waiting for additional pages to be added to the job ("Place next original within XX sec. ....").* |
| | *6. No user login screen displayed in the MFP browser if both User Code Auth. is enabled and the VM card option is inserted in the MFP's card slot.* |
| | *7. If authentication is enabled, an SC990 or SC819 error will occur after 2000 users have logged on/off the device without a power cycle.* |
| | *8. When the device changes into Energy Saver mode, an SC990 or SC819* |

| Model: Browser Unit TypeB | Date: 04-Sep-06 | No.: RB828003f |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | *error might occur.* <br> *9. If User Code Auth. is enabled, users are shown the login screen again after logging in.* <br> *10. Orientations applied to ScanRouter documents, might be incorrect if configured via the Browser unit.* <br> *11. The ScanRouter login screen might not be shown in the Browser unit if device settings have been changed but the device has not been rebooted.* <br><br> *Other changes:* <br> *1. The version of the Browser unit (MFP Browser option) is now shown in the Self-Diagnosis Report (SP5-990-005).* <br> *Note: The Self-Diagnosis Report is part of the SMC report.* |
| 1.63 | Symptom corrected: <br> Minor bug. |
| 1.62 | Symptom corrected: <br> 1. If the Clear/Stop button is pressed while the MFP's http service is in use, the MFP start button might turn red and not return to green until rebooted. Additionally, some of the links in the operation panel might not work as expected. |
| 1.60 | Symptom corrected: <br> 1. Minor bug. <br><br> Other changes: <br> 1. The firmware update procedure was standardized with the procedure for the main firmware (which is a more simplified procedure). |
| 1.41 | Symptom corrected: <br> Minor bug. |
| 1.40 | Symptom corrected: <br> 1. An HTTP error occurs if the Reason-Phrase is not specified in the response from the Web server. <br> 2. Even when Server Connection Timeout is set to a value between 101-999 seconds, the time-out error occurs if connection is not established within 100 seconds. <br> 3. Images scanned from the browser for local storage are always scanned in full color. <br><br> Other changes: <br> 1. The character size for the HTML standard tag text area can be changed. <br> 2. Supports the "hr" HTML standard tag. <br> 3. Supports the "document.cookie" JavaScript standard command. <br> 4. The Start key LED turns red when the operator opens up the software keyboard. <br> 5. The ADS setting is independent from the Auto Image Density setting for the Scanner feature. <br> 6. Automatic line feed (word wrap) was applied to the JavaScript message box. <br> 7. The "Scan", "Print", and "Download" logs can be browsed individually. <br> 8. Improved the display and performance of radio buttons and pull-down menus. <br> 9. The default font size for the browser was changed from "small" to "middle". <br> 10. The Default Character Set can be programmed in the browser. |

| Model: Browser Unit TypeB | Date: 04-Sep-06 | No.: RB828003f |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| 1.32 | Other changes:<br>The installation and firmware update procedures were changed.<br>1. Turn the main power off and insert the SD card in SD card Slot No.3 (=SD3). Then, turn the main power on.<br>2. Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order. (the Extended Feature Settings screen will be displayed).<br>3. Install the Browser option (upload the option from the SD card to the machine HDD).<br>4. Turn the main power off and on.<br>Important: Do not remove the SD card from SD3.<br>5. Access the Browser screen from the "Extended Feature Settings" screen.<br>6. The following message appears if the firmware update was successful: "The MFP Browser was successfully installed."<br>7. Turn the main power off and remove the SD card from SD3. Then, turn the main power on. |
| 1.20 | Symptom corrected:<br>1. Some GIF graphics are not displayed correctly.<br>2. The position of some buttons was not correct.<br>3. The machine begins the job when the Start key is pressed, even when the key color is red.<br><br>Other changes:<br>1. The "@" mark can be used for user names and passwords.<br>2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc).<br>3. The underlining of URLs can be hidden.<br>4. Graphics can be displayed on some buttons.<br>5. The text used for the browser function is easier to read (size and font type were changed). |
| 1.11 | Symptom corrected:<br>1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.<br>Note:<br>Up to now, ScanRouter EX compensated for this error. So, the fix in this firmware was also applied to ScanRouter EX (see versions below). The compatibility of the Browser Unit and ScanRouter EX for this issue is as follows:<br><br><table><tr><td></td><td>*Browser 1.01*</td><td>*Browser 1.11*</td></tr><tr><td>*ScanRouter EX Professional V3.1.1.0 or older*<br>*ScanRouter EX Enterprise V2.1.1.0 or older*</td><td>*OK*</td><td>*NG*</td></tr><tr><td>*ScanRouter EX Professional V3.1.2.0 or newer*<br>*ScanRouter EX Enterprise V2.1.2.0 or newer*</td><td>*NG*</td><td>*OK*</td></tr></table> |

| Model: Browser Unit TypeB | Date: 04-Sep-06 | No.: RB828003f |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | 2.  The Browser is not displayed when the machine recovers from Energy Saver Mode. <br> 3.  Radio button settings are only sent to the server if the radio button selections are changed just before sending the data. <br> 4.  The Message button is disabled after a paper jam (Model M-C3). |
| 1.01 | 1st Mass Production |

| Model: Browser Unit Type B | Date: 04-Sep-06 | No.: RB828003g |
|---|---|---|

**RTB Reissue**

The items in bold italics have been changed.

| Subject: Firmware Release Note: Browser Type B | Prepared by: Y.Ino |
|---|---|
| From: 1st Overseas Tech Support Sec., 1st PQM Dept. | |

| Classification: | ☐ Troubleshooting | ☐ Part information | ☐ Action required |
|---|---|---|---|
| | ☐ Mechanical | ☐ Electrical | ☐ Service manual revision |
| | ☐ Paper path | ☐ Transmit/receive | ☐ Retrofit information |
| | ☐ Product Safety | ☒ Other (        ) | ☒ Tier 2 |

This RTB has been issued to announce the firmware release information for the Browser Type B.

| Version | Program No. | Effective Date |
|---|---|---|
| *1.72* | *B8285301M* | *November 2009 production* |
| 1.71 | B8285301L | June 2009 production |
| 1.63 | B8285301K | September 2008 production |
| 1.62 | B8285301J | July 2008 production |
| 1.60 | B8285301H | February 2008 production |
| 1.41 | B8285301G | May 2007 production |
| 1.40 | B8285301F | April 2007 production |
| 1.32 | B8285301E | December 2006 production |
| 1.20 | B8285301C | September 2006 production |
| 1.11 | B8285301B | June 2006 production |
| 1.01 | B8285301 | 1st Mass Production |

| Version | Symptom Corrected |
|---|---|
| *1.72* | *Symptom corrected:* <br> *If delivery of a scanned document fails via Scan to ScanRouterEX (using the MFP Browser), the device will not attempt to resend the document. This occurred if both of the following conditions were met:* <br> *1) The ScanRouter Server is configured to receive documents via HTTP.* <br> *2) The document being delivered is a PDF of at least 200KB.* |
| 1.71 | Symptom corrected: <br> 1. Image data files remain in HDD memory if the main power switch is turned off while the scanned data is being transferred. <br> 2. The MFP browser screen may not respond once the machine enters Sleep Mode. <br> 3. If the operation switch is turned off/on while the software keyboard is displayed, the MFP browser screen may not open. <br> 4. Duplex documents rescanned from the ADF after a jam might result in an SC990 error. <br> 5. Scanning from MFP browser cancelled and no error message displayed. This occurred if a document had just been scanned directly from the exposure glass, using the standard scanner and the device was still waiting for additional pages to be added to the job ("Place next original within XX |

| Model: Browser Unit TypeB | | Date: 04-Sep-06 | No.: RB828003f |
|---|---|---|---|

| Version | Symptom Corrected |
|---|---|
| | sec. ....").<br>6. No user login screen displayed in the MFP browser if both User Code Auth. is enabled and the VM card option is inserted in the MFP's card slot.<br>7. If authentication is enabled, an SC990 or SC819 error will occur after 2000 users have logged on/off the device without a power cycle.<br>8. When the device changes into Energy Saver mode, an SC990 or SC819 error might occur.<br>9. If User Code Auth. is enabled, users are shown the login screen again after logging in.<br>10. Orientations applied to ScanRouter documents, might be incorrect if configured via the Browser unit.<br>11. The ScanRouter login screen might not be shown in the Browser unit if device settings have been changed but the device has not been rebooted.<br><br>Other changes:<br>1. The version of the Browser unit (MFP Browser option) is now shown in the Self-Diagnosis Report (SP5-990-005).<br>  Note: The Self-Diagnosis Report is part of the SMC report. |
| 1.63 | Symptom corrected:<br>Minor bug. |
| 1.62 | Symptom corrected:<br>1. If the Clear/Stop button is pressed while the MFP's http service is in use, the MFP start button might turn red and not return to green until rebooted.<br>Additionally, some of the links in the operation panel might not work as expected. |
| 1.60 | Symptom corrected:<br>1. Minor bug.<br><br>Other changes:<br>1. The firmware update procedure was standardized with the procedure for the main firmware (which is a more simplified procedure). |
| 1.41 | Symptom corrected:<br>Minor bug. |
| 1.40 | Symptom corrected:<br>1. An HTTP error occurs if the Reason-Phrase is not specified in the response from the Web server.<br>2. Even when Server Connection Timeout is set to a value between 101-999 seconds, the time-out error occurs if connection is not established within 100 seconds.<br>3. Images scanned from the browser for local storage are always scanned in full color.<br><br>Other changes:<br>1. The character size for the HTML standard tag text area can be changed.<br>2. Supports the "hr" HTML standard tag.<br>3. Supports the "document.cookie" JavaScript standard command.<br>4. The Start key LED turns red when the operator opens up the software keyboard.<br>5. The ADS setting is independent from the Auto Image Density setting for the Scanner feature.<br>6. Automatic line feed (word wrap) was applied to the JavaScript message box.<br>7. The "Scan", "Print", and "Download" logs can be browsed individually. |

| Model: Browser Unit TypeB | Date: 04-Sep-06 | No.: RB828003f |
|---|---|---|

| Version | Symptom Corrected |
|---|---|
|  | 8. Improved the display and performance of radio buttons and pull-down menus. <br> 9. The default font size for the browser was changed from "small" to "middle". <br> 10. The Default Character Set can be programmed in the browser. |
| 1.32 | Other changes: <br> The installation and firmware update procedures were changed. <br> 1. Turn the main power off and insert the SD card in SD card Slot No.3 (=SD3). Then, turn the main power on. <br> 2. Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order. (the Extended Feature Settings screen will be displayed). <br> 3. Install the Browser option (upload the option from the SD card to the machine HDD). <br> 4. Turn the main power off and on. <br> Important: Do not remove the SD card from SD3. <br> 5. Access the Browser screen from the "Extended Feature Settings" screen. <br> 6. The following message appears if the firmware update was successful: "The MFP Browser was successfully installed." <br> 7. Turn the main power off and remove the SD card from SD3. Then, turn the main power on. |
| 1.20 | Symptom corrected: <br> 1. Some GIF graphics are not displayed correctly. <br> 2. The position of some buttons was not correct. <br> 3. The machine begins the job when the Start key is pressed, even when the key color is red. <br><br> Other changes: <br> 1. The "@" mark can be used for user names and passwords. <br> 2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc). <br> 3. The underlining of URLs can be hidden. <br> 4. Graphics can be displayed on some buttons. <br> 5. The text used for the browser function is easier to read (size and font type were changed). |
| 1.11 | Symptom corrected: <br> 1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed. <br> Note: <br> Up to now, ScanRouter EX compensated for this error. So, the fix in this firmware was also applied to ScanRouter EX (see versions below). The compatibility of the Browser Unit and ScanRouter EX for this issue is as follows: |

**RICOH**

| Model: Browser Unit TypeB | Date: 04-Sep-06 | No.: RB828003f |
| --- | --- | --- |

| Version | Symptom Corrected |
| --- | --- |
| | <table><tr><td></td><td>**Browser 1.01**</td><td>**Browser 1.11**</td></tr><tr><td>***ScanRouter EX Professional V3.1.1.0 or older***<br>***ScanRouter EX Enterprise V2.1.1.0 or older***</td><td>***OK***</td><td>***NG***</td></tr><tr><td>***ScanRouter EX Professional V3.1.2.0 or newer***<br>***ScanRouter EX Enterprise V2.1.2.0 or newer***</td><td>***NG***</td><td>***OK***</td></tr></table><br>2. The Browser is not displayed when the machine recovers from Energy Saver Mode.<br>3. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.<br>4. The Message button is disabled after a paper jam (Model M-C3). |
| 1.01 | 1st Mass Production |

**Reissued: 10-Mar-10**

| Model: Browser Unit Type B | Date: 04-Sep-06 | No.: RB828003h |
|---|---|---|

**RTB Reissue**

The items in bold italics have been added.

| Subject: Firmware Release Note: Browser Type B | Prepared by: Y.Ino |
|---|---|
| From: 1st Overseas Tech Support Sec., 1st PQM Dept. | |

| Classification: | ☐ Troubleshooting | ☐ Part information | ☐ Action required |
|---|---|---|---|
| | ☐ Mechanical | ☐ Electrical | ☐ Service manual revision |
| | ☐ Paper path | ☐ Transmit/receive | ☐ Retrofit information |
| | ☐ Product Safety | ☒ Other ( ) | ☒ Tier 2 |

This RTB has been issued to announce the firmware release information for the Browser Type B.

| Version | Program No. | Effective Date |
|---|---|---|
| *1.81* | *B8285301N* | *March 2010 production* |
| 1.72 | B8285301M | November 2009 production |
| 1.71 | B8285301L | June 2009 production |
| 1.63 | B8285301K | September 2008 production |
| 1.62 | B8285301J | July 2008 production |
| 1.60 | B8285301H | February 2008 production |
| 1.41 | B8285301G | May 2007 production |
| 1.40 | B8285301F | April 2007 production |
| 1.32 | B8285301E | December 2006 production |
| 1.20 | B8285301C | September 2006 production |
| 1.11 | B8285301B | June 2006 production |
| 1.01 | B8285301 | 1st Mass Production |

| Version | Modified Points or Symptom Corrected |
|---|---|
| *1.81* | *Symptom corrected:* <br> *1.   Minor bug correction.* |
| 1.72 | Symptom corrected: <br> If delivery of a scanned document fails via Scan to ScanRouterEX (using the MFP Browser), the device will not attempt to resend the document. This occurred if both of the following conditions were met: <br> 1.   The ScanRouter Server is configured receive documents via HTTP. <br> 2.   The document being delivered is a PDF of at least 200KB. |
| 1.71 | Symptom corrected: <br> 1.   Image data files remain in HDD memory if the main power switch is turned off while the scanned data is being transferred. <br> 2.   The MFP browser screen may not respond once the machine enters Sleep Mode. <br> 3.   If the operation switch is turned off/on while the software keyboard is displayed, the MFP browser screen may not open. <br> 4.   Duplex documents rescanned from the ADF after a jam might result in an SC990 error. |

| Model: Browser Unit Type B | | Date: 04-Sep-06 | No.: RB828003h |
|---|---|---|---|

| Version | Modified Points or Symptom Corrected |
|---|---|
| | 5. Scanning from MFP browser cancelled and no error message displayed. This occurred if a document had just been scanned directly from the exposure glass, using the standard scanner and the device was still waiting for additional pages to be added to the job ("Place next original within XX sec. ...."). |
| | 6. No user login screen displayed in the MFP browser if both User Code Auth. is enabled and the VM card option is inserted in the MFP's card slot. |
| | 7. If authentication is enabled, an SC990 or SC819 error will occur after 2000 users have logged on/off the device without a power cycle. |
| | 8. When the device changes into Energy Saver mode, an SC990 or SC819 error might occur. |
| | 9. If User Code Auth. is enabled, users are shown the login screen again after logging in. |
| | 10. Orientations applied to ScanRouter documents, might be incorrect if configured via the Browser unit. |
| | 11. The ScanRouter login screen might not be shown in the Browser unit if device settings have been changed but the device has not been rebooted. |
| | |
| | Other changes: |
| | 1. The version of the Browser unit (MFP Browser option) is now shown in the Self-Diagnosis Report (SP5-990-005). |
| | Note: The Self-Diagnosis Report is part of the SMC report. |
| 1.63 | Symptom corrected: |
| | Minor bug. |
| 1.62 | Symptom corrected: |
| | 1. If the Clear/Stop button is pressed while the MFP's http service is in use, the MFP start button might turn red and not return to green until rebooted. Additionally, some of the links in the operation panel might not work as expected. |
| 1.60 | Symptom corrected: |
| | 1. Minor bug. |
| | |
| | Other changes: |
| | 1. The firmware update procedure was standardized with the procedure for the main firmware (which is a more simplified procedure). |
| 1.41 | Symptom corrected: |
| | Minor bug. |
| 1.40 | Symptom corrected: |
| | 1. An HTTP error occurs if the Reason-Phrase is not specified in the response from the Web server. |
| | 2. Even when Server Connection Timeout is set to a value between 101-999 seconds, the time-out error occurs if connection is not established within 100 seconds. |
| | 3. Images scanned from the browser for local storage are always scanned in full color. |
| | |
| | Other changes: |
| | 1. The character size for the HTML standard tag text area can be changed. |
| | 2. Supports the "hr" HTML standard tag. |
| | 3. Supports the "document.cookie" JavaScript standard command. |
| | 4. The Start key LED turns red when the operator opens up the software keyboard. |

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|---|---|---|---|

| Version | Modified Points or Symptom Corrected |
|---|---|
| | 5. The ADS setting is independent from the Auto Image Density setting for the Scanner feature.<br>6. Automatic line feed (word wrap) was applied to the JavaScript message box.<br>7. The "Scan", "Print", and "Download" logs can be browsed individually.<br>8. Improved the display and performance of radio buttons and pull-down menus.<br>9. The default font size for the browser was changed from "small" to "middle".<br>10. The Default Character Set can be programmed in the browser. |
| 1.32 | Other changes:<br>The installation and firmware update procedures were changed.<br>1. Turn the main power off and insert the SD card in SD card Slot No.3 (=SD3). Then, turn the main power on.<br>2. Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order. (the Extended Feature Settings screen will be displayed).<br>3. Install the Browser option (upload the option from the SD card to the machine HDD).<br>4. Turn the main power off and on.<br>Important: Do not remove the SD card from SD3.<br>5. Access the Browser screen from the "Extended Feature Settings" screen.<br>6. The following message appears if the firmware update was successful: "The MFP Browser was successfully installed."<br>7. Turn the main power off and remove the SD card from SD3. Then, turn the main power on. |
| 1.20 | Symptom corrected:<br>1. Some GIF graphics are not displayed correctly.<br>2. The position of some buttons was not correct.<br>3. The machine begins the job when the Start key is pressed, even when the key color is red.<br><br>Other changes:<br>1. The "@" mark can be used for user names and passwords.<br>2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc).<br>3. The underlining of URLs can be hidden.<br>4. Graphics can be displayed on some buttons.<br>5. The text used for the browser function is easier to read (size and font type were changed). |
| 1.11 | Symptom corrected:<br>1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.<br>Note:<br>Up to now, ScanRouter EX compensated for this error. So, the fix in this firmware was also applied to ScanRouter EX (see versions below). The compatibility of the Browser Unit and ScanRouter EX for this issue is as follows: |

**Reissued: 10-Mar-10**

| Model: Browser Unit Type B | Date: 04-Sep-06 | No.: RB828003h |
|---|---|---|

| Version | Modified Points or Symptom Corrected | | |
|---|---|---|---|
| | | **Browser 1.01** | **Browser 1.11** |
| | **ScanRouter EX Professional V3.1.1.0 or older**<br><br>**ScanRouter EX Enterprise**<br><br>**V2.1.1.0 or older** | **OK** | **NG** |
| | **ScanRouter EX Professional**<br><br>**V3.1.2.0 or newer**<br><br>**ScanRouter EX Enterprise**<br> **V2.1.2.0 or newer** | **NG** | **OK** |
| | 2. The Browser is not displayed when the machine recovers from Energy Saver Mode.<br>3. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.<br>4. The Message button is disabled after a paper jam (Model M-C3). | | |
| 1.01 | 1st Mass Production | | |