

Model: Browser Option (TypeA)		Date: 28-Jun-06	No.: RB720001
Subject: Firmware update procedure for Browser Option		Prepared by: K. Moriizumi	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input checked="" type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input type="checkbox"/> 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".

Model: Browser Unit Type A		Date: 11-Jul-06	No.:RB720002
Subject: Firmware Release Note:Browser		Prepared by: K. Moriizumi	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

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

For Adonis-C4 and Russian-C4

Version	Program No.	Effective Date
1.11	B7205162B	June 2006 production
1.01	B7205162	1st Mass Production

For Adonis-C4 and Russian-C4

Version	Symptom Corrected															
1.11	<p>Symptom corrected:</p> <p>1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.</p> <p>Note:</p> <p>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:</p> <table border="1" data-bbox="432 1442 1406 1848"> <thead> <tr> <th></th> <th>Browser 1.01</th> <th>Browser 1.11</th> </tr> </thead> <tbody> <tr> <td>ScanRouter EX Professional V3.1.1.0 or older</td> <td>OK</td> <td>NG</td> </tr> <tr> <td>ScanRouter EX Enterprise V2.1.1.0 or older</td> <td></td> <td></td> </tr> <tr> <td>ScanRouter EX Professional V3.1.2.0 or newer</td> <td>NG</td> <td>OK</td> </tr> <tr> <td>ScanRouter EX Enterprise V2.1.2.0 or newer</td> <td></td> <td></td> </tr> </tbody> </table> <p>2. The Browser application hangs when the Link button is pushed repeatedly.</p>		Browser 1.01	Browser 1.11	ScanRouter EX Professional V3.1.1.0 or older	OK	NG	ScanRouter EX Enterprise V2.1.1.0 or older			ScanRouter EX Professional V3.1.2.0 or newer	NG	OK	ScanRouter EX Enterprise V2.1.2.0 or newer		
	Browser 1.01	Browser 1.11														
ScanRouter EX Professional V3.1.1.0 or older	OK	NG														
ScanRouter EX Enterprise V2.1.1.0 or older																
ScanRouter EX Professional V3.1.2.0 or newer	NG	OK														
ScanRouter EX Enterprise V2.1.2.0 or newer																

Model: Browser Unit Type A	Date: 11-Jul-06	No.:RB720002
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Version	Symptom Corrected
	<p>3. The Browser is not displayed when the machine recovers from Energy Saver Mode.</p> <p>4. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.</p> <p>5. Increased the display speed for Model J-C2.</p> <p>6. Fixed: The device might stall if a hardware key is pressed repeatedly while the device browser is connected via SSL to a ScanRouter server that is running IIS. Note: Both browser firmware (version 1.11 or later) and Security firmware (version 1.32 or later) need to be applied to fix this issue.</p> <p>7. Fixed: The device browser might suddenly switch to another application. This only occurs if the device browser is connected via SSL to a ScanRouter server that is running Apache.</p>
1.01	1st Mass Production

Model: Browser Unit Type A		Date: 11-Jul-06	No.: RB720003
Subject: Firmware Release Note:Browser		Prepared by: K. Moriizumi	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

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

For Model J-C2

Version	Program No.	Effective Date
1.11	B7205163B	June 2006 production
1.01	B7205163	1st Mass Production

For Model J-C2

Version	Symptom Corrected															
1.11	<p>Symptom corrected:</p> <p>1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed.</p> <p>Note:</p> <p>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:</p> <table border="1"> <thead> <tr> <th></th> <th>Browser 1.01</th> <th>Browser 1.11</th> </tr> </thead> <tbody> <tr> <td>ScanRouter EX Professional V3.1.1.0 or older</td> <td>OK</td> <td>NG</td> </tr> <tr> <td>ScanRouter EX Enterprise V2.1.1.0 or older</td> <td></td> <td></td> </tr> <tr> <td>ScanRouter EX Professional V3.1.2.0 or newer</td> <td>NG</td> <td>OK</td> </tr> <tr> <td>ScanRouter EX Enterprise V2.1.2.0 or newer</td> <td></td> <td></td> </tr> </tbody> </table> <p>2. The Browser application hangs when the Link button is pushed repeatedly.</p>		Browser 1.01	Browser 1.11	ScanRouter EX Professional V3.1.1.0 or older	OK	NG	ScanRouter EX Enterprise V2.1.1.0 or older			ScanRouter EX Professional V3.1.2.0 or newer	NG	OK	ScanRouter EX Enterprise V2.1.2.0 or newer		
	Browser 1.01	Browser 1.11														
ScanRouter EX Professional V3.1.1.0 or older	OK	NG														
ScanRouter EX Enterprise V2.1.1.0 or older																
ScanRouter EX Professional V3.1.2.0 or newer	NG	OK														
ScanRouter EX Enterprise V2.1.2.0 or newer																

Model: Browser Unit Type A		Date: 11-Jul-06	No.: RB720003
Version	Symptom Corrected		
	<p>3. The Browser is not displayed when the machine recovers from Energy Saver Mode.</p> <p>4. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data.</p> <p>5. Increased the display speed for Model J-C2.</p> <p>6. Fixed: The device might stall if a hardware key is pressed repeatedly while the device browser is connected via SSL to a ScanRouter server that is running IIS. Note: Both browser firmware (version 1.11 or later) and Security firmware (version 1.32 or later) need to be applied to fix this issue.</p> <p>7. Fixed: The device browser might suddenly switch to another application. This only occurs if the device browser is connected via SSL to a ScanRouter server that is running Apache.</p>		
1.01	1st Mass Production		

Model: Browser Unit TypeA		Date: 04-Sep-06	No.: RB720004
Subject: Firmware Release Note:Browser		Prepared by: K. Moriizumi	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

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

Version	Program No.	Effective Date
1.20	B7205162C	September 2006 production
1.11	B7205163B	June 2006 production
1.01	B7205163	1st Mass Production

Version	Symptom Corrected
1.20	<p>Symptom corrected:</p> <ol style="list-style-type: none"> Some GIF graphics are not displayed correctly. The position of some buttons was not correct. The machine begins the job when the Start key is pressed, even when the key color is red. <p>Other changes:</p> <ol style="list-style-type: none"> The "@" mark can be used for user names and passwords. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc). The underlining of URLs can be hidden. Graphics can be displayed on some buttons. The text used for the browser function is easier to read (size and font type were changed).
1.11	<p>Symptom corrected:</p> <ol style="list-style-type: none"> The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed. <p>Note:</p> <p>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</p>

Model: Browser Unit TypeA	Date: 11-Jul-06	No.: RB720004
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Version	Symptom Corrected									
	<p>follows:</p> <table border="1" data-bbox="459 344 1433 745"> <thead> <tr> <th></th> <th><i>Browser 1.01</i></th> <th><i>Browser 1.11</i></th> </tr> </thead> <tbody> <tr> <td><i>ScanRouter EX Professional V3.1.1.0 or older</i> <i>ScanRouter EX Enterprise V2.1.1.0 or older</i></td> <td><i>OK</i></td> <td><i>NG</i></td> </tr> <tr> <td><i>ScanRouter EX Professional V3.1.2.0 or newer</i> <i>ScanRouter EX Enterprise V2.1.2.0 or newer</i></td> <td><i>NG</i></td> <td><i>OK</i></td> </tr> </tbody> </table> <p>2. The Browser application hangs when the Link button is pushed repeatedly.</p> <p>3. The Browser is not displayed when the machine recovers from Energy Saver Mode.</p> <p>4. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data</p> <p>5. Increased the display speed for Model J-C2.</p> <p>6. Fixed: The device might stall if a hardware key is pressed repeatedly while the device browser is connected via SSL to a ScanRouter server that is running IIS. Note: Both browser firmware (version 1.11 or later) and Security firmware (version 1.32 or later) need to be applied to fix this issue.</p> <p>7. Fixed: The device browser might suddenly switch to another application. This only occurs if the device browser is connected via SSL to a ScanRouter server that is running Apache.</p>		<i>Browser 1.01</i>	<i>Browser 1.11</i>	<i>ScanRouter EX Professional V3.1.1.0 or older</i> <i>ScanRouter EX Enterprise V2.1.1.0 or older</i>	<i>OK</i>	<i>NG</i>	<i>ScanRouter EX Professional V3.1.2.0 or newer</i> <i>ScanRouter EX Enterprise V2.1.2.0 or newer</i>	<i>NG</i>	<i>OK</i>
	<i>Browser 1.01</i>	<i>Browser 1.11</i>								
<i>ScanRouter EX Professional V3.1.1.0 or older</i> <i>ScanRouter EX Enterprise V2.1.1.0 or older</i>	<i>OK</i>	<i>NG</i>								
<i>ScanRouter EX Professional V3.1.2.0 or newer</i> <i>ScanRouter EX Enterprise V2.1.2.0 or newer</i>	<i>NG</i>	<i>OK</i>								
1.01	1st Mass Production									

Reissued: 12-Jan-07

Model: Browser Unit TypeA	Date: 04-Sep-06	No.: RB720005
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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:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

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

For Jupiter-C2

Version	Program No.	Effective Date
<i>1.32</i>	<i>B7205163E</i>	<i>December 2006 production</i>
1.20	B7205163C	September 2006 production
1.11	B7205163B	June 2006 production
1.01	B7205163	1st Mass Production

For Adonis-C4 and Russian-C4

Version	Program No.	Effective Date
<i>1.32</i>	<i>B7205162E</i>	<i>December 2006 production</i>
1.20	B7205162C	September 2006 production
1.11	B7205162B	June 2006 production
1.01	B7205162	1st Mass Production

Version	Symptom Corrected
<i>1.32</i>	<p><i>Other changes:</i> <i>The installation and firmware update procedures were changed. The procedure is as follows.</i></p> <ol style="list-style-type: none"> <i>1. Turn the main power off and insert the SD card in SD card Slot No.3 (=SD3). Then, turn the main power on.</i> <i>2. Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order. (The Extended Feature Settings screen will be displayed).</i> <i>3. Install the Browser option (upload the option from the SD card to the machine HDD).</i> <i>4. Turn the main power off and on.</i> <i>Important: Do not remove the SD card from SD3.</i> <i>5. Access the Browser screen from the "Extended Feature Settings"</i>

Model: Browser Unit TypeA	Date: 11-Jul-06	No.: RB720004
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Version	Symptom Corrected															
	<p><i>screen.</i></p> <p>6. The following message appears if the firmware update was successful: "The MFP Browser was successfully installed."</p> <p>7. Turn the main power off and remove the SD card from SD3. Then, turn the main power on.</p>															
1.20	<p>Symptom corrected:</p> <ol style="list-style-type: none"> Some GIF graphics are not displayed correctly. The position of some buttons was not correct. The machine begins the job when the Start key is pressed, even when the key color is red. <p>Other changes:</p> <ol style="list-style-type: none"> The "@" mark can be used for user names and passwords. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc). The underlining of URLs can be hidden. Graphics can be displayed on some buttons. 5. The text used for the browser function is easier to read (size and font type were changed). 															
1.11	<p>Symptom corrected:</p> <ol style="list-style-type: none"> The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed. <p>Note:</p> <p>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:</p> <table border="1" data-bbox="459 1406 1433 1809"> <thead> <tr> <th></th> <th>Browser 1.01</th> <th>Browser 1.11</th> </tr> </thead> <tbody> <tr> <td>ScanRouter EX Professional V3.1.1.0 or older</td> <td>OK</td> <td>NG</td> </tr> <tr> <td>ScanRouter EX Enterprise V2.1.1.0 or older</td> <td></td> <td></td> </tr> <tr> <td>ScanRouter EX Professional V3.1.2.0 or newer</td> <td>NG</td> <td>OK</td> </tr> <tr> <td>ScanRouter EX Enterprise V2.1.2.0 or newer</td> <td></td> <td></td> </tr> </tbody> </table> <ol style="list-style-type: none"> The Browser application hangs when the Link button is pushed repeatedly. The Browser is not displayed when the machine recovers from Energy 		Browser 1.01	Browser 1.11	ScanRouter EX Professional V3.1.1.0 or older	OK	NG	ScanRouter EX Enterprise V2.1.1.0 or older			ScanRouter EX Professional V3.1.2.0 or newer	NG	OK	ScanRouter EX Enterprise V2.1.2.0 or newer		
	Browser 1.01	Browser 1.11														
ScanRouter EX Professional V3.1.1.0 or older	OK	NG														
ScanRouter EX Enterprise V2.1.1.0 or older																
ScanRouter EX Professional V3.1.2.0 or newer	NG	OK														
ScanRouter EX Enterprise V2.1.2.0 or newer																

Model: Browser Unit TypeA		Date: 11-Jul-06	No.: RB720004
Version	Symptom Corrected		
	<p>Saver Mode.</p> <ol style="list-style-type: none"> 4. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data. 5. Increased the display speed for Model J-C2. 6. The device might stall if a hardware key is pressed repeatedly while the device browser is connected via SSL to a ScanRouter server that is running IIS. Note: Both browser firmware (version 1.11 or later) and Security firmware (version 1.32 or later) need to be applied to fix this issue. 7. The device browser might suddenly switch to another application. This only occurs if the device browser is connected via SSL to a ScanRouter server that is running Apache. 		
1.01	1st Mass Production		

Reissued: 12-Jun-07

Model: Browser Option (TypeA)	Date: 28-Jun-06	No.: RB720001a
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RTB Correction

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:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input checked="" type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input type="checkbox"/> 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.

Reissued: 12-Jun-07

Model: Browser Option (TypeA)

Date: 28-Jun-06

No.: RB720001a

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".

Reissued: 19-Feb-08

Model: Browser Unit TypeA	Date: 04-Sep-06	No.: RB720005a
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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:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

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

For Jupiter-C2

Version	Program No.	Effective Date
<i>1.40</i>	<i>B7205162F</i>	<i>April 2007 production</i>
1.32	B7205163E	December 2006 production
1.20	B7205163C	September 2006 production
1.11	B7205163B	June 2006 production
1.01	B7205163	1st Mass Production

For Adonis-C4 and Russian-C4

Version	Program No.	Effective Date
<i>1.40</i>	<i>B7205162F</i>	<i>April 2007 production</i>
1.32	B7205162E	December 2006 production
1.20	B7205162C	September 2006 production
1.11	B7205162B	June 2006 production
1.01	B7205162	1st Mass Production

Version	Symptom Corrected
<i>1.40</i>	<p><i>Symptom corrected:</i></p> <ol style="list-style-type: none"> <i>An HTTP error occurs if the Reason-Phrase is not specified in the response from the Web server.</i> <i>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.</i> <i>Images scanned from the browser for local storage are always scanned in full color.</i> <p><i>Other changes:</i></p> <ol style="list-style-type: none"> <i>The character size for the HTML standard tag text area can be changed.</i> <i>Supports the "hr" HTML standard tag.</i> <i>Supports the "document.cookie" JavaScript standard command.</i> <i>The Start key LED turns red when the operator opens up the software keyboard.</i>

Model: Browser Unit TypeA		Date: 11-Jul-06	No.: RB720005a
Version	Symptom Corrected		
	<p>8. The ADS setting is independent from the Auto Image Density setting for the Scanner feature.</p> <p>9. Automatic line feed (word wrap) was applied to the JavaScript message box.</p> <p>10. The "Scan", "Print", and "Download" logs can be browsed individually.</p> <p>11. Improved the display and performance of radio buttons and pull-down menus.</p> <p>12. The default font size for the browser was changed from "small" to "middle".</p> <p>13. The Default Character Set can be programmed in the browser.</p>		
1.32	<p>Other changes: The installation and firmware update procedures were changed.</p> <ol style="list-style-type: none"> Turn the main power off and insert the SD card in SD card Slot No.3 (=SD3). Then, turn the main power on. Press "User Tools" -> "Extended Feature Settings" -> "Extended Features" in that order. (the Extended Feature Settings screen will be displayed). Install the Browser option (upload the option from the SD card to the machine HDD). Turn the main power off and on. Important: Do not remove the SD card from SD3. Access the Browser screen from the "Extended Feature Settings" screen. The following message appears if the firmware update was successful: "The MFP Browser was successfully installed." Turn the main power off and remove the SD card from SD3. Then, turn the main power on. 		
1.20	<p>Symptom corrected:</p> <ol style="list-style-type: none"> Some GIF graphics are not displayed correctly. The position of some buttons was not correct. The machine begins the job when the Start key is pressed, even when the key color is red. <p>Other changes:</p> <ol style="list-style-type: none"> The "@" mark can be used for user names and passwords. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc). The underlining of URLs can be hidden. Graphics can be displayed on some buttons. 5. The text used for the browser function is easier to read (size and font type were changed). 		
1.11	<p>Symptom corrected:</p> <ol style="list-style-type: none"> The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed. <p>Note:</p>		

Model: Browser Unit TypeA	Date: 11-Jul-06	No.: RB720005a
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Version	Symptom Corrected											
	<p>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:</p> <table border="1" data-bbox="458 456 1434 857"> <thead> <tr> <th data-bbox="458 456 959 497"></th> <th data-bbox="962 456 1187 497">Browser 1.01</th> <th data-bbox="1190 456 1434 497">Browser 1.11</th> </tr> </thead> <tbody> <tr> <td data-bbox="458 501 959 676">ScanRouter EX Professional V3.1.1.0 or older ScanRouter EX Enterprise V2.1.1.0 or older</td> <td data-bbox="962 501 1187 676" style="text-align: center;">OK</td> <td data-bbox="1190 501 1434 676" style="text-align: center;">NG</td> </tr> <tr> <td data-bbox="458 680 959 857">ScanRouter EX Professional V3.1.2.0 or newer ScanRouter EX Enterprise V2.1.2.0 or newer</td> <td data-bbox="962 680 1187 857" style="text-align: center;">NG</td> <td data-bbox="1190 680 1434 857" style="text-align: center;">OK</td> </tr> </tbody> </table> <ol style="list-style-type: none"> 2. The Browser application hangs when the Link button is pushed repeatedly. 3. The Browser is not displayed when the machine recovers from Energy Saver Mode. 4. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data. 5. Increased the display speed for Model J-C2. 6. The device might stall if a hardware key is pressed repeatedly while the device browser is connected via SSL to a ScanRouter server that is running IIS. Note: Both browser firmware (version 1.11 or later) and Security firmware (version 1.32 or later) need to be applied to fix this issue. 7. The device browser might suddenly switch to another application. This only occurs if the device browser is connected via SSL to a ScanRouter server that is running Apache. 				Browser 1.01	Browser 1.11	ScanRouter EX Professional V3.1.1.0 or older ScanRouter EX Enterprise V2.1.1.0 or older	OK	NG	ScanRouter EX Professional V3.1.2.0 or newer ScanRouter EX Enterprise V2.1.2.0 or newer	NG	OK
	Browser 1.01	Browser 1.11										
ScanRouter EX Professional V3.1.1.0 or older ScanRouter EX Enterprise V2.1.1.0 or older	OK	NG										
ScanRouter EX Professional V3.1.2.0 or newer ScanRouter EX Enterprise V2.1.2.0 or newer	NG	OK										
1.01	1st Mass Production											

Reissued: 29-Feb-08

Model: Browser Unit TypeA	Date: 04-Sep-06	No.: RB720005b
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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:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

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

For Jupiter-C2

Version	Program No.	Effective Date
<i>1.41</i>	<i>B7205162G</i>	<i>May 2007 production</i>
1.40	B7205162F	April 2007 production
1.32	B7205163E	December 2006 production
1.20	B7205163C	September 2006 production
1.11	B7205163B	June 2006 production
1.01	B7205163	1st Mass Production

For Adonis-C4 and Russian-C4

Version	Program No.	Effective Date
<i>1.41</i>	<i>B7205162G</i>	<i>May 2007 production</i>
1.40	B7205162F	April 2007 production
1.32	B7205162E	December 2006 production
1.20	B7205162C	September 2006 production
1.11	B7205162B	June 2006 production
1.01	B7205162	1st Mass Production

Version	Symptom Corrected
<i>1.41</i>	<i>Symptom corrected: Minor bug.</i>
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.

Model: Browser Unit TypeA		Date: 11-Jul-06	No.: RB720005b
Version	Symptom Corrected		
	<ul style="list-style-type: none"> 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". 13. The Default Character Set can be programmed in the browser. 		
1.32	<p>Other changes: The installation and firmware update procedures were changed.</p> <ul style="list-style-type: none"> 1. Turn the main power off and insert the SD card in 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. 		
1.20	<p>Symptom corrected:</p> <ul style="list-style-type: none"> 1. Some GIF graphics are not displayed correctly. 2. The position of some buttons was not correct. 3. The machine begins the job when the Start key is pressed, even when the key color is red. <p>Other changes:</p> <ul style="list-style-type: none"> 1. The "@" mark can be used for user names and passwords. 2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc). 3. The underlining of URLs can be hidden. 4. Graphics can be displayed on some buttons. 5. 5. The text used for the browser function is easier to read (size and font type were changed). 		
1.11	<p>Symptom corrected:</p> <ul style="list-style-type: none"> 1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed. 		

Model: Browser Unit TypeA	Date: 11-Jul-06	No.: RB720005b
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Version	Symptom Corrected										
	<p>Note: 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:</p> <table border="1" data-bbox="458 495 1433 887"> <thead> <tr> <th></th> <th><i>Browser 1.01</i></th> <th><i>Browser 1.11</i></th> </tr> </thead> <tbody> <tr> <td><i>ScanRouter EX Professional V3.1.1.0 or older</i> <i>ScanRouter EX Enterprise V2.1.1.0 or older</i></td> <td><i>OK</i></td> <td><i>NG</i></td> </tr> <tr> <td><i>ScanRouter EX Professional V3.1.2.0 or newer</i> <i>ScanRouter EX Enterprise V2.1.2.0 or newer</i></td> <td><i>NG</i></td> <td><i>OK</i></td> </tr> </tbody> </table> <ol style="list-style-type: none"> 2. The Browser application hangs when the Link button is pushed repeatedly. 3. The Browser is not displayed when the machine recovers from Energy Saver Mode. 4. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data. 5. Increased the display speed for Model J-C2. 6. The device might stall if a hardware key is pressed repeatedly while the device browser is connected via SSL to a ScanRouter server that is running IIS. Note: Both browser firmware (version 1.11 or later) and Security firmware (version 1.32 or later) need to be applied to fix this issue. 7. The device browser might suddenly switch to another application. This only occurs if the device browser is connected via SSL to a ScanRouter server that is running Apache. 			<i>Browser 1.01</i>	<i>Browser 1.11</i>	<i>ScanRouter EX Professional V3.1.1.0 or older</i> <i>ScanRouter EX Enterprise V2.1.1.0 or older</i>	<i>OK</i>	<i>NG</i>	<i>ScanRouter EX Professional V3.1.2.0 or newer</i> <i>ScanRouter EX Enterprise V2.1.2.0 or newer</i>	<i>NG</i>	<i>OK</i>
	<i>Browser 1.01</i>	<i>Browser 1.11</i>									
<i>ScanRouter EX Professional V3.1.1.0 or older</i> <i>ScanRouter EX Enterprise V2.1.1.0 or older</i>	<i>OK</i>	<i>NG</i>									
<i>ScanRouter EX Professional V3.1.2.0 or newer</i> <i>ScanRouter EX Enterprise V2.1.2.0 or newer</i>	<i>NG</i>	<i>OK</i>									
1.01	1st Mass Production										

Reissued: 23-May-08

Model: Browser Unit TypeA	Date: 04-Sep-06	No.: RB720005c
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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:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other ()	

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

For Jupiter-C2

Version	Program No.	Effective Date
1.60	<i>B7205162H</i>	<i>February 2008 production</i>
1.41	B7205162G	May 2007 production
1.40	B7205162F	April 2007 production
1.32	B7205163E	December 2006 production
1.20	B7205163C	September 2006 production
1.11	B7205163B	June 2006 production
1.01	B7205163	1st Mass Production

For Adonis-C4 and Russian-C4

Version	Program No.	Effective Date
1.60	<i>B7205162H</i>	<i>February 2008 production</i>
1.41	B7205162G	May 2007 production
1.40	B7205162F	April 2007 production
1.32	B7205162E	December 2006 production
1.20	B7205162C	September 2006 production
1.11	B7205162B	June 2006 production
1.01	B7205162	1st Mass Production

Version	Symptom Corrected
1.60	<p><i>Symptom corrected:</i></p> <p><i>1. Minor bug.</i></p> <p><i>Other changes:</i></p> <p><i>1. The firmware update procedure was standardized with the procedure for the main firmware (which is a more simplified procedure).</i></p>
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.

Model: Browser Unit TypeA		Date: 11-Jul-06	No.: RB720005c
Version	Symptom Corrected		
	<ol style="list-style-type: none"> 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. <p>Other changes:</p> <ol style="list-style-type: none"> 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". 13. The Default Character Set can be programmed in the browser. 		
1.32	<p>Other changes:</p> <p>The installation and firmware update procedures were changed.</p> <ol style="list-style-type: none"> 1. Turn the main power off and insert the SD card in 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. 		
1.20	<p>Symptom corrected:</p> <ol style="list-style-type: none"> 1. Some GIF graphics are not displayed correctly. 2. The position of some buttons was not correct. 3. The machine begins the job when the Start key is pressed, even when the key color is red. <p>Other changes:</p> <ol style="list-style-type: none"> 1. The "@" mark can be used for user names and passwords. 2. The server can obtain data related to the machine's capabilities (LCD type, scanning resolution, etc). 		

Model: Browser Unit TypeA	Date: 11-Jul-06	No.: RB720005c
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Version	Symptom Corrected															
	<ol style="list-style-type: none"> 3. The underlining of URLs can be hidden. 4. Graphics can be displayed on some buttons. 5. 5. The text used for the browser function is easier to read (size and font type were changed). 															
1.11	<p>Symptom corrected:</p> <ol style="list-style-type: none"> 1. The parameters for duplex type (top-to-top, top-to-bottom) defined in the machine firmware were reversed. Note: 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: <table border="1" data-bbox="459 786 1433 1178"> <thead> <tr> <th></th> <th>Browser 1.01</th> <th>Browser 1.11</th> </tr> </thead> <tbody> <tr> <td>ScanRouter EX Professional V3.1.1.0 or older</td> <td>OK</td> <td>NG</td> </tr> <tr> <td>ScanRouter EX Enterprise V2.1.1.0 or older</td> <td></td> <td></td> </tr> <tr> <td>ScanRouter EX Professional V3.1.2.0 or newer</td> <td>NG</td> <td>OK</td> </tr> <tr> <td>ScanRouter EX Enterprise V2.1.2.0 or newer</td> <td></td> <td></td> </tr> </tbody> </table> <ol style="list-style-type: none"> 2. The Browser application hangs when the Link button is pushed repeatedly. 3. The Browser is not displayed when the machine recovers from Energy Saver Mode. 4. Radio button settings are only sent to the server if the radio button selections are changed just before sending the data. 5. Increased the display speed for Model J-C2. 6. The device might stall if a hardware key is pressed repeatedly while the device browser is connected via SSL to a ScanRouter server that is running IIS. Note: Both browser firmware (version 1.11 or later) and Security firmware (version 1.32 or later) need to be applied to fix this issue. 7. The device browser might suddenly switch to another application. This only occurs if the device browser is connected via SSL to a ScanRouter server that is running Apache. 		Browser 1.01	Browser 1.11	ScanRouter EX Professional V3.1.1.0 or older	OK	NG	ScanRouter EX Enterprise V2.1.1.0 or older			ScanRouter EX Professional V3.1.2.0 or newer	NG	OK	ScanRouter EX Enterprise V2.1.2.0 or newer		
	Browser 1.01	Browser 1.11														
ScanRouter EX Professional V3.1.1.0 or older	OK	NG														
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ScanRouter EX Professional V3.1.2.0 or newer	NG	OK														
ScanRouter EX Enterprise V2.1.2.0 or newer																
1.01	1st Mass Production															