

# Service Bulletin

<b>SB Number:</b>	<b>SB 2BJ-023</b>	<b>Issue Date: 25/06/2003</b>
<b>Subject:</b>	Firmware upgrade	
<b>Model:</b>	<b>KM-2530 / 3530, KM-4030</b>	

Please be informed that the firmware for the KM-2530 / 3530 and KM-4030 has been upgraded as follows.

### **FIRMWARE UPGRADE I.**

**Main:** 2BJ29275G to 2BJ29276H

**MMI:** 2BJ29285G to 2BJ29286H

#### Contents of changes:

F/W has been upgraded to support Korean and Chinese languages.

Changes do not apply to KMIS territory.

### **FIRMWARE UPGRADE II.**

**Main:** 2BJ29276H to 2BJ29277J

**MMI:** 2BJ29286H to 2BJ29287J

### **CONTENTS OF CHANGES**

Item	Remarks
<p>1</p> <p>180 degrees image rotation.</p> <p>=&gt; unification of Image direction for letterhead paper</p> <p>Please refer to page 3, 4. for an example.</p>	<p>When using letterhead paper, the direction of the image may rotate with 180 degrees depending on a certain copy mode setting (pre-punch, pre-print). The direction of the image differs from the paper setting direction. In order to prevent this, the following change has been implemented.</p> <p><b>Contents of change</b></p> <p>For letterhead paper, the image rotation process for table copy has been changed. For pre-punch and pre-print, the process will be same as for DP copy.</p> <p><b>Limitation</b></p> <p>Finishing processes that take place after actual copying, like staple, punch, have not been adjusted. Even if the paper type is changed to the letterhead etc. via the function of auto deck change, the image rotation does not change.</p>
<p>2</p> <p>Supporting <b>SMTP</b> authentication</p>	<p>Following changes have been implemented.</p> <ol style="list-style-type: none"> <li>1. Enabling the SMTP authentication via 3 types of authentication methods" (PLAIN, LOGIN, CRAM-MD5).</li> <li>2. On the scanner web system setting page, SMTP authentication can be set to 'valid' or 'invalid' and also password account setting for administrator has been newly created. .</li> <li>3. On the scanner web sender setting page, SMTP authentication password and account setting have been made possible for the user.</li> <li>4. A message will be displayed that notifies 'authentication error' if the communication with the mail server ends when E-mail transmission button on the operation panel has been pressed.</li> <li>5. Account or password will be saved on the web page and the data will be kept even if the copier power source is turned off/on.</li> <li>6. The abovementioned data will be initialized by formatting the HDD.</li> <li>7. Error notification and error display are enabled on the operation panel.</li> </ol> <p>Change implemented so that log history is recorded should a SMTP authentication error occur.</p>
<p>3</p> <p>Supporting <b>Scanner firmware Ver.1.2.00</b></p>	<ul style="list-style-type: none"> <li>• IP filter link has been added to the right side of SMTP authentication link on the page for system basic setting.</li> <li>• IP filter setting page has been added so that the filter setting for HTTP, Telnet, AdminManager and Twain function is available. (4 items each)</li> </ul>

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	Item	Remarks
		<ul style="list-style-type: none"> <li>The item for setting the firmware update (ON/OFF) has been added to the lowest part of the page for the system basic setting.</li> <li>Max. number of letters for setting the administrator password has been changed from 8 to 15.</li> <li>All mentioned additions and changes have been integrated into each language.</li> </ul> <p><b>=&gt; If version of NIC firmware is not Ver.1.2.00...</b></p> <ul style="list-style-type: none"> <li>IP filter and firmware update are not displayed on the scanner web.</li> <li>Max. number of letters for setting the administrator password is up to 8 letters.</li> </ul>
4	Supporting <b>Address Editor Ver.1.20</b>	<p>Software has been changed so that the below items can be set through Address Editor.</p> <ol style="list-style-type: none"> <li>IP filter function</li> <li>NIC firmware upgrade ON/OFF</li> <li>SMTP authentication</li> <li>Password for administrator (15 letters)</li> </ol> <p>Only if NIC firmware is Ver. 1.2.00, the settings IP filter function, NIC firmware upgrade ON/OFF and administrator password (15 letters) are available. In case of the NIC firmware Ver1.1.01, only SMTP authentication is available.</p>
5	Supporting ' <b>Latin-2</b> ' for scanner web and E-mail transmission	If Latin-2 languages (Czech, Polish) are displayed on the operation panel, the language code for scanner default and English display screen will be changed to [Windows-1250] so that the Latin-2 special letters are correctly displayed.
6	Supporting ' <b>Latin-1</b> ' special letters input on scanner web	When using IE 5.0 or 5.5, if the Latin-1 special letters (letter code 0x80 to 0x90) are input and registered, the letters are displayed normally on the browser. However, they may not be correctly displayed on the operation panel. Thus, F/W has been changed to correct this.
7	Supporting <b>NW-FAX SMTP authentication</b> .	<p>SMTP authentication is applied to the E-mail transmission report for NW-FAX.</p> <p>=====</p> <p>Please be informed that in order to use the function of SMTP authentication for NW-FAX, also the firmware for Fax System (F) needs to support the SMTP authentication function.</p> <p>Therefore, below firmware version or newer is required for Fax System (F): 3DB68014E, 3DB68024E, 3DB68034E, 3DB68044E</p> <p>=====</p>
8	File name is not displayed correctly when the Scan To PC JOB exceeds 10,000.	<p>To prevent the following problems if Scan To PC JOB is over 10,000 in total, the F/W has been changed.</p> <ul style="list-style-type: none"> <li>Scan To PC file cannot be saved.</li> <li>Scan To PC file can be saved, but the file cannot be seen from explorer.</li> </ul>
9	Supporting the stapling process when the several sizes of paper are mixed	Make the stapling mode with DF-75 (saddle finisher) available when the several sizes of original (A3/A4, B4/B5, 11x17/11x8.5, 8.5x14 / 8.5x11) are mixed.
10	Problem when the department management key is pressed during copy interruption	<p>When using the machine with the department management mode "ON" and the department management key is pressed after interrupting the copy process, the screen for inputting the department code will be displayed. Then if the copy is restarted on the copy screen after inputting the department code, <b>JAM35</b> may occur.</p> <p>→ Change so that the department management key cannot be pressed while interrupting the copy.</p>
11	Original size and transmission size are not displayed with the NW scanner TWAIN.	F/W has been corrected.
12	Adding the letter input key board that supports the NW-FAX SMTP authentication.	-----
13	Counter initialization will not be done for certain values.	<p>The machine No. (<b>U004</b>), <b>U110</b> (= 'Checking / clearing the drum count'), <b>U158</b> (= 'Checking / clearing developing count') and the total count for printer (1st item in <b>U908</b>) cannot be initialized.</p> <p>In the maintenance mode, when executing the U020 (Initializing all data) or the U021 (Initializing all memory), the initializing specification is changed as follows: see next page.</p>

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Item	Remarks																																			
	<table border="1"> <thead> <tr> <th></th> <th colspan="2">U020</th> <th colspan="2">U021</th> </tr> <tr> <th></th> <th>Before change</th> <th>After change</th> <th>Before change</th> <th>After change</th> </tr> </thead> <tbody> <tr> <td>Machine No</td> <td>0 clear</td> <td>Hold</td> <td>Hold</td> <td>Hold</td> </tr> <tr> <td>Drum counter</td> <td>0 clear</td> <td>Hold</td> <td>0 clear</td> <td>Hold</td> </tr> <tr> <td>Developing counter</td> <td>0 clear</td> <td>Hold</td> <td>0 clear</td> <td>Hold</td> </tr> <tr> <td>Total counter (Printer)</td> <td>0 clear</td> <td>Hold</td> <td>0 clear</td> <td>Hold</td> </tr> <tr> <td>Total counter (FAX)</td> <td>0 clear</td> <td>0 clear</td> <td>Hold</td> <td>0 clear</td> </tr> </tbody> </table>		U020		U021			Before change	After change	Before change	After change	Machine No	0 clear	Hold	Hold	Hold	Drum counter	0 clear	Hold	0 clear	Hold	Developing counter	0 clear	Hold	0 clear	Hold	Total counter (Printer)	0 clear	Hold	0 clear	Hold	Total counter (FAX)	0 clear	0 clear	Hold	0 clear
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14	<p>Problem with touch panel process when registering the short cut key for [Sort/Finishing]</p> <p>The phenomenon has been corrected as follows.</p> <ol style="list-style-type: none"> <li>1. Install the finisher to the copier and enable staple mode.</li> <li>2. Register [Sort/Finishing] to the short cut key</li> <li>3. Select the [Sort/Finishing] short cut key on the basic screen.</li> <li>4. Select the staple setting on the [Sort/Finishing] screen.</li> <li>5. In case of staple setting, if the close key or return key is pressed, the screen will go back to the basic screen.</li> </ol>																																			

**Item 1.** Unification of Image direction for letterhead paper

**Old copy image form 1**

**New copy image form 1**

Orig Set	Eject	Original & Paper	copy Bitmap	copy Memory	Original & Paper	copy Bitmap	copy Memory
Contact glass	Inner tray						
	Inner Finisher						
	Saddle finisher SIM331 Face up off	Original Set Dir. <b>Back edge</b>			Original Set Dir. <b>Left Top</b>		
	Saddle finisher SIM331 Face up on	Paper			Paper		
	3000 sheets Main tray						
	3000 sheets Sub tray SIM331 Face up off						
	3000 sheets Sub tray SIM331 Face up on						

Orig Set	Eject	Original & Paper	copy Bitmap	copy Memory	Original & Paper	copy Bitmap	copy Memory
Contact glass	Inner tray						
	Inner Finisher						
	Saddle finisher SIM331 Face up off	Original Set Dir. <b>Back edge</b>			Original Set Dir. <b>Left Top</b>		
	Saddle finisher SIM331 Face up on	Paper			Paper		
	3000 sheets Main tray						
	3000 sheets Sub tray SIM331 Face up off						
	3000 sheets Sub tray SIM331 Face up on						

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Old copy image form 2

Org Set	Eject	Original & Paper	copy Bitmap	copy Memory	Original & Paper	copy Bitmap	copy Memory
DP	Inner tray	Original Set Dir. <b>Back edge</b>	AB	AB	Original Set Dir. <b>Left Top</b>	AB	AB
			Face down	Face down		Face down	Face down
	Inner Finisher		AB	AB		AB	AB
			Face down	Face down		Face down	Face down
	Saddle finisher		AB	AB		AB	AB
	Face down	Face down	Face down	Face down			
3000 sheets Main tray	Paper	AB	AB	Paper	AB	AB	
		Face down	Face down	Face down	Face down	Face down	
3000 sheets Sub tray		AB	AB		AB	AB	
		Face down	Face down		Face down	Face down	

New copy image form 2

Org Set	Eject	Original & Paper	copy Bitmap	copy Memory	Original & Paper	copy Bitmap	copy Memory
DP	Inner tray	Original Set Dir. <b>Back edge</b>	AB	AB	Original Set Dir. <b>Left Top</b>	AB	AB
			Face down	Face down		Face down	Face down
	Inner Finisher		AB	AB		AB	AB
			Face down	Face down		Face down	Face down
	Saddle finisher		AB	AB		AB	AB
	Face down	Face down	Face down	Face down			
3000 sheets Main tray	Paper	AB	AB	Paper	AB	AB	
		Face down	Face down	Face down	Face down	Face down	
3000 sheets Sub tray		AB	AB		AB	AB	
		Face down	Face down		Face down	Face down	

**Firmware details**

	Program No.	File Name (After decompression)
MAIN	2BJ29277J	P2BJ2927.7J1
MMI	2BJ29287J	P2BJ2928.7J0
LANGUAGE E	2BJ29304E	P2BJ2930.4E2

**Field Measure:**

If any of the mentioned phenomena arise, please upgrade the firmware.

Please be advised that in order to use the NW-FAX SMTP authentication function, the firmware for FAX System (F) needs to be upgraded as well to support SMTP authentication (see item 7.).

**Affected Machine Serial Numbers firmware upgrade II:**

**KM-2530** H3051285 and later  
**KM-3530** J3040441 and later  
**KM-4030** N3007774 and later