

Model: Model-K3		Date: 5-Sep-02	No.: RH310002
Subject: NICF Option ROM History (Model K3)		Prepared by: M. Mano	
From: Technical Services sec. Service Planning 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"/> Other ()		

Firmware history of the optional NICF for Model K3.

H2107230	Version	C.SUM	Production
E	3.3.9	9A42	1st Mass Prod.
F	3.4.2	CD3F	September Prod. '02

Symptom Corrected	Suffix
<i>Quick Dial, Speed Dial or manually-input Group entries sometimes remain even after being deleted from a Group and then restored to the machine through the Web Status Monitor.</i>	F
<i>Added bit 3 to LAN SW 0C:</i> <i>Notification of Scan Router server address check error (red LED):</i> 0: Enabled 1: Disabled <i>Note: It is necessary to update to mainframe firmware ver.78 or later.</i> <i>SUB/SEP/SID/PWD can now be entered as IP-Fax dial options of up to 20 digits with Web Status Monitor.</i>	F
<i>Added IMAP-Authenticate function.</i>	F
<i>The machine shows error code 12-50 (server address not registered) even when Scan Router is disabled.</i>	F
<i>The Check Backup File function is now performed automatically when "Perform Restoration" is chosen, even when the Check Backup File button is not selected manually.</i>	F
<i>An error sometimes does not occur even when an incorrect Gatekeeper IP address is registered.</i>	F
<i>Improved SNMP internal security measures.</i>	F
<i>When Web Status monitor tries to upload an IP-Fax via Gateway address, consisting of the Gateway IP address plus fax number, only the IP address portion is uploaded and registered.</i>	F
<i>No error occurs when Gatekeeper is enabled but doesn't respond.</i>	F

Model: Model K3		Date: 17-Oct-02	No.: RH310006
Subject: Additional LAN SW information (Model K3)		Prepared by: M. Mano	
From: Technical Services sec. Service Planning 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 checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Retrofit information <input type="checkbox"/> Other ()		

Please add the following LAN switch descriptions (bits 4 and 5) to your Service Manuals.

LAN Switch 0F		
No.	FUNCTION	COMMENTS
0	DELE Command at Socket Timeout 0: Sent 1: Not Sent	<p>Normally, when the POP server sends EOF, the machine sends back DELE to delete the mail from the server. However, a POP server may start sending FF bytes part way through the communication if the mail size is over 1 Gbyte. It will not send EOF, so the machine will not send DELE to the server to delete the mail.</p> <p>To avoid this problem, set this bit to 0. Then when a socket timeout occurs during e-mail reception from the POP server, and if no EOF has been received, the machine sends the DELE command to the POP server in order to delete the e-mail message.</p>
1	Socket Timeout Time 0: 180 s 1: 60 s	<p>This bit determines the socket timeout that is used when Bit 0 is set to 0. If the socket timeout setting at the POP server is less than 180 s, you must set this bit to 1, or it will have no effect because the POP server will disconnect before the machine can send a DELE command.</p>
2	Part Delete Request Field, Send Character String 0: Content-X-CIAJWNETFAX:IGNORE 1: Content-X-ICFAX: Ignore-Message	Change this switch if a customer complains that Viewer download information is printing.
3	Not used	

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LAN Switch 0F		
No.	FUNCTION	COMMENTS
4	<i>APOP function (See note *1.) 0: Not used 1: Used</i>	<i>This function provides higher security for receiving email over the Internet by encrypting the account names and passwords used for authentication. The function uses the account names and passwords specified in the "Mail Server" settings in UP Mode (no others can be specified). To use APOP, it is necessary to have a POP server that supports APOP.</i>
5	<i>SMTP-AUTH function (See note *2.) 0: Not used 1: Used</i>	<i>SMTP-AUTH is an SMTP function that authenticates users to prevent email transmissions via unauthorized access to the SMTP server. The function uses the account names and passwords specified in the "Mail Server" settings in UP Mode (no others can be specified). To use SMTP-AUTH, the SMTP server must support one of three SMTP authentication systems: CRAM-MD5, PLAIN or LOGIN.</i>
6-7	Not used.	

NOTE:

*1: APOP

With POP, the account name and the password for certification are not coded. So it can be read using a Network Analyzer. To avoid this problem, using APOP, the account name and the password are coded, so it cannot be read.

*2: SMTP-AUTH

With SMTP, the sender mail address is not certificated when the mail is sent. To avoid this problem, use SMTP-AUTH.

Reissued: 5-Mar-03

Model: Model-K3	Date: 5-Sep-02	No.: RH310002b
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RTB Correction

The items in bold italics have been corrected or added.

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	<input type="checkbox"/> Other ()		

Firmware history for the optional NICF for Model K3.

H2107230	Version	C.SUM	Production
E	3.3.9	9A42	1st Mass Prod.
F	3.4.2	CD3F	September Prod. '02
G	3.4.5	2881	November Prod. '02
<i>H</i>	<i>3.4.6</i>	<i>B09A</i>	<i>February Prod. '03</i>

Symptom Corrected	Suffix
<i>The following is sometimes displayed when the Enter key is pressed inside the Move or Copy settings for Quick/Speed Dials (Web Status Monitor):</i> - <i>"Failed to perform due to an error."</i> - <i>"System error occurred. Click [OK]..."</i>	<i>H</i>
<i>Restore via Web Status Monitor does not function when the Speed Dial data contains UUI (whether before or after editing).</i>	<i>H</i>
<i>The machine does not appear in the Set I/O Device menu in ScanRouter when it is in Energy Saver Mode.</i>	<i>H</i>

Reissued: 5-Mar-03

Model: Model-K3	Date: 5-Sep-02	No.: RH310002b
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Symptom Corrected	Suffix
When daylight savings is enabled, the FCU does not inform the time to the NICF properly. Note: When the firmware is installed in machines with an NICF, it is also necessary to update the NICF firmware to ver82 or later.	G
Added the following LAN switch: LAN switch 02 bit 4 Command address setting for sending reception confirmation mail 0: "MAIL FROM <>" -> mail address is NULL 1: "MAIL FROM <own mail address>" This switch enables the reception side's email address to be included in the above SMTP command when a reception confirmation mail is sent out to the transmitter, as some ISP servers will reject such mails when the address is not included to minimize SPAM mail.	G
The machine sometimes cannot access the server when SMTP authentication (SMTP-AUTH) is enabled.	G
An error occurs if an incoming fax is output to the Scan Router Professional server Fax In-Tray while there are no destinations registered in the server destination list.	G
IP Fax communication sometimes fails if the DIS/DCS signal has been set to 4 bytes.	G
Although not supported by machine specification, the asterisk ("*") can be restored to the machine via Web Status Monitor as part of the Gateway address.	G
Quick Dial, Speed Dial or manually-input Group entries sometimes remain even after being deleted from a Group and then restored to the machine through the Web Status Monitor.	F
Added bit 3 to LAN SW 0C: Notification of Scan Router server address check error (red LED): 0: Enabled 1: Disabled Note: It is necessary to update to mainframe firmware ver.78 or later.	F
SUB/SEP/SID/PWD can now be entered as IP-Fax dial options of up to 20 digits with Web Status Monitor.	F
Added IMAP-Authenticate function.	F
The machine shows error code 12-50 (server address not registered) even when Scan Router is disabled.	F
The Check Backup File function is now performed automatically when "Perform Restoration" is chosen, even when the Check Backup File button is not selected manually.	F
An error sometimes does not occur even when an incorrect Gatekeeper IP address is registered.	F
Improved SNMP internal security measures.	F
When Web Status monitor tries to upload an IP-Fax via Gateway address, consisting of the Gateway IP address plus fax number, only the IP address portion is uploaded and registered.	F
No error occurs when Gatekeeper is enabled but doesn't respond.	F