

Model: iR2200/2800/3300

Ref. No. : FF-T01-L5-000052-02

Date : October 15, 2002

REVISED

FF-T01-L5-000052-01 (September 26, 2002): Addition of information

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Location: SYSTEM SOFTWARE

Subject: Releasing the iR2200-3300 Series System Software (Ver33.01) / Language (Ver33.01)

Reason: System Software is released for the iR2200-3300 Series to respond to reports of faults from the field.
System CD-ROM

FY9-4082-014: System Software v33.01 for Copier Model/PSPCL Model

<History of Updates>

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Our letter # / System CD-ROM Parts No.	Version No.				Modifications
	System	Language	Boot ROM	RUI	
FF-T01-L5-000052-01 / FY9-4082-014	33.01	33.01 (JEFIG /CNzh /TWzh /Ko)	10.29	32.03 (JEFIG)	1)The problem found at the factory 2)Correction of the problem that soft counter indication remained "0"
FF-T01-L5-000039-01 / FY9-4116-004	32.07	32.07	10.29	32.03 (JEFIGS)	Support of 14 European Languages
FF-T01-L5-000038-01 / FY9-4082-013	32.07	32.07 (JEFIG /CNzh /TWzh /Ko)	10.29	32.03 (JEFIG)	1)Supporting Korean specifications 2)Correcting unchanged upper limit at Net Spot Accountant 3)Correcting the problem of improper value appearance by changing the upper limit of the parts counter at service mode 4)Correcting the improper setting for the number of copies as printing by PCL command 5)Supporting the complete closing for Port 631 6)Correcting the weakness of HTML tag 7)Problem correction: It does not shift to sleep for 20 seconds after a power ON.

02-OIPQA4-C0031 / FY9-4082-012	31.04	31.04	9.28	31.03	<p>1)Correcting missing pages when printing large numbers of pages.</p> <p>2)Corrects faults occurring when additions are made in NetSpot Accountant.</p> <p>3)Corrects delivery of a job following an interrupt at the wrong timing when making copies.</p> <p>4)Correcting faults in relation to the alarm log</p> <p>5)Supports alphabetic special characters in a NetWare environment.</p> <p>6)Corrects faults in line-to-line spacing when the data color pen is selected in CAD (HPGL) mode.</p> <p>7)Corrects faults associated with bar code fonts.</p> <p>8)Corrects slow SMB printing in a Windows XP environment.</p> <p>9)Supports paper settings for the manual feed tray.</p> <p>10)Correction related to documents reserved to send by fax</p> <p>11)Modification to the character size on outgoing document header</p> <p>12)Modification to the one-touch dial registration process for the address book</p> <p>13)Corrects faults associated with rebooting when printing in a NetWare environment.</p> <p>14)Corrects displacement of print when printing PCL data in a main frame (IPDS) environment.</p> <p>15)Corrects faults associated with output when printing from NT.</p> <p>16)Edit of BOX name and password in system administrator mode</p> <p>17)Correction of copy wait time indication</p> <p>18)Correction of status indication on JobMonitor and NetSpot at PDL printing</p> <p>19)Correction of ASSIST count meters</p> <p>20)Correcting a fault; i.e., a limit check error occurs in PS data.</p> <p>21)Correcting a fault; i.e., the Euro symbol cannot be printed (PCL font; PC-858).</p> <p>22)Accommodating security measures.</p> <p>23)Correcting a fault; i.e., printing is not possible in the following combination: FileMaker Pro v.5.5 + PS driver.</p> <p>24)Correcting a fault; i.e., occurring when data is sent to a Box for proof printing.</p> <p>25)Correcting a fault; i.e., occurring when a large job is started.</p>
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					<p>51)Correcting an error; i.e., messages in German are incorrect.</p> <p>52)Changing the notation "Canon port" to "dedicated port."</p> <p>53)Updating the file control information at time of boot ROM downloading.</p> <p>54)Correcting a fault; i.e., an error occurs when the SST is used for BootROM downloading.</p> <p>55)Accommodating RUI JBIG Viewer 1.2 (supporting Internet Explorer 5.5 SP2, Internet Explorer 6).</p> <p>56)Correcting a fault; i.e., the virgule and tilde symbols cannot be entered when using the RUI.</p> <p>57)Providing FCOT measures.</p> <p>58)Providing measures against jams (wrapping around the fixing assembly).</p> <p>59)Increasing the leeway against jams identified by the No. 2 delivery sensor.</p>
01-OIPQA4-C0048E / FY9-4082-011	21.01	21.01	7.25	21.01	<p>1)Supporting European/Asian fax functions (all countries).</p> <p>2)For Disability law</p> <p>3)Supporting the multi-binder mechanism</p> <p>4)Supporting special regional paper types (additional type)</p> <p>5)Correcting service mode (DK-ADJ-Y).</p>
/ FY9-4082-010	20.01	20.01	7.25	20.01	<p>Not introduced to the field</p> <p>(Because of omission of part of fax header in A4-size)</p>
/ FY9-4082-009	19.03	19.03	7.25	16.05	<p>Not introduced to the field</p> <p>(Because of a problem with fax tone keys of the German FAX Function)</p> <p>(Because of a problem with PG output in Service Mode)</p>
/ FY9-4082-008	16.08	16.08	7.25	16.05	<p>Not introduced to the field</p> <p>(Because of unsupport of German-destined Fax functionality)</p>
01-OIPQA4-C0038E / FY9-4082-007	11.02	11.02	4.22	5.17	<p>1)Character mode error at copy has been corrected.</p> <p>2)Faulty image reproduction by fax transmission of A5R/STMT-R documents has been corrected.</p>

01-OIPQA4-C0026E / FY9-4082-006	9.04	9.04	4.22	5.17	<p>1) Supports special paper sizes for particular regions.</p> <p>2) Correction to soft switch malfunction after performing roller/ feeder cleaning in user mode.</p> <p>3) Corrected staple shift default value for adjustment/ cleaning.</p> <p>4) Corrected problem where device fails to start up on power OFF/ ON, after documents have been deleted from HDD.</p> <p>5) 'Check document' display corrected.</p> <p>6) Corrected problem of main unit locking when going into sleep mode and writing to HD.</p> <p>7) Corrected problem where 'moving' display fails to go out when jobs are moved from PDL to box.</p> <p>8) Corrected printer driver form registration data malfunction.</p> <p>9) Corrected problem of Start key in addressee display.</p> <p>10) Corrected FAX RMD input malfunction.</p> <p>11) Corrected addressee display import processing malfunction.</p> <p>12) Corrected service mode side registration adjustment.</p>
01-OIPQA4-C0021E / FY9-4082-005	8.13	8.13	4.22	5.17	<p>Reinforced SMB functions version</p> <p>1) SMB Multi-Job Function</p> <p>2) SMB Multi-Session Function</p> <p>3) Correcting Faults Associated with a Shift to Sleep in SMB State</p> <p>4) Correcting Faults in Relation to WINS Server Name Registration</p> <p>5) Correcting Faults in Mac Print Job During Printing from Windows</p> <p>6) Correcting Faults in Job Cancel from the Host UI in AppleTalk</p>
01-OIPQA4-C0019E / FY9-4082-004	7.01C*	7.01	4.22C	5.17	<p>FAX support type (120V) shipment approval version</p> <p>1) Modification for fax function support software</p> <p>2) Modification on Pull Scan function on/off operations</p> <p>3) Modification of specifications of section management reports with the New Card Reader mounted</p> <p>4) Correcting the suspension of operation after turning off/on the power (identified on factory line)</p> <p>5) Correcting fixing faults for print jobs in sleep state</p> <p>6) Correcting faults associated with the PDL delivery tray in sleep state</p>
/ FY9-4082-003	6.99	6.99	4.22	5.17	Not introduced to the field

01-OIPQA4-C0014E / FY9-4082-002	6.01	6.01	4.22	5.17	Not introduced to the field
01-OIPQA4-C0012E / FY9-4082-001	4.01	4.01	3.21	2.15	e-Maintenance support version 1)Correction of e-Maintenance jam codes 2)Correction of language file errors 3)Addition of Boot ROM compatibility function 4)Correcting a Fault at Power-On
01-OIPQA4-C0012E / FY9-4082-000	3.01	3.01	2.18	2.15	PDL support (PS/PCL) shipment approval version

Details: The changes, including version changes, made in each model of the iR2200 up to the release of v33.01 are as follows:

1.Changes Made When Upgrading System v32.07 to v33.01

No.	Item	Description
1-1	Problem correction: The problem found at the factory	Problem was found in factory. When the main power is turned off and then on, a document in a Box was deleted by one set of iR machine. It was now corrected.
1-2	Correction of the problem that soft counter indication remained "0"	Following problem has been corrected. In the case Error E246-0000 (abnormal counter memory writing) occurred while counter values were written, total counter values were read to be registered on ALARM record and ERROR record. However, the same error occurred again, and the total counter could not be read as a result. For this situation, the setting, which inside module responds Data "0" to prohibit reading counter values, had been made. In this time, ALARM record was registered, and normal values could be properly obtained by retry, but the setting "inside module responds Data "0" " was still continued, copies were made with soft counter "0" (This is just indication problem. Even if "0" is indicated on Soft Counter, system software is still counting correct copy count. Therefore machine went back in totally normal state after main switch was turned OFF and ON.)

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2.Changes Made When Upgrading System v32.07 (add)

No.	Item	Description
2-1	Problem correction: It does not shift to sleep for 20 seconds after a power ON.	After pushing an operation panel power key, properly speaking, it shifts to sleep mode within 3 seconds. Since there was fault that does not shift to sleep mode for 20 seconds, it corrected by v32.07. Even if it turned off the main power supply SW after turning off the operation panel power key, a main power supply may have been cut before shifting to sleep mode. E602-0003 may have occurred by the write abort.

3.Changes Made When Upgrading Language v32.07 to v33.01

No.	Item	Description
3-1	Update	Upgrading to System v33.01 brings about upgrading of language files from to v33.01.

4. Points to Note When Upgrading of System

Item Initialized

The system is upgraded by overwriting. All settings (for user mode, service mode) will remain intact, and no item will be initialized.

The version of the Service Support Tool used for the upgrading is v1.41 or later (The newest version: v1.51)

Limitations

1. Forgone Specifications

The following exist as forgone specifications:

No.	Items	Description
A-1	Centronics Interface and Bi-Directional Data Communication	<p>When an appreciable number of jobs are sent by a client PC to the iR2200, loss of jobs occurs under the following conditions: the client PC is running Windows NT4.0, the port of the Centronics interface is set to "bi-directional," and the iR2200 is in sleep mode or paper runs out. (All jobs after the error will be lost.)</p> <p>[Prevention];</p> <p>Set the port of the Centronics interface to "not bi-directional" when setting the properties of the printer driver.</p> <p>[Measures];</p> <p>An instructions sheet will be included with the User's Manual.</p>
A-2	JBIG Viewer for Mac	Files stored in JBIG format to a client using JBIG Viewer cannot be printed from a Mac machine.
A-3	Adobe PageMaker	<p>To use Adobe's PageMaker, its version must be 6.52 when printing in PostScript.</p> <p>[Measures];</p> <p>Add information to this effect to the Release Note of the print driver.</p> <p>The updating program may be obtained from the following Web side:</p> <p>http://www.adobe.com/support/downloads/3c7e.htm</p>
A-4	OS: vulnerability in connection management of VxWorks	<p>The following vulnerability has been identified in relation to the connection management mechanism of VxWorks (operating system of the iR Series) when used in a network environment.</p> <p>It may, however, well be avoided by appropriately setting the gateway address (GW).</p> <p>[Symptom]</p>

		<p>Set the following 5 machines so that monitoring is enabled:</p> <p>192.168.51.133(GW setting specified) 192.168.51.131(GW setting specified) 192.168.51.134(GW setting NOT specified) 192.168.51.137(GW setting NOT specified) router 192.168.50.100(GW setting NOT specified)</p> <p>In a network environment identical to the foregoing, the machines identified as 192.168.51.134 and 137 become invisible to other machines a while after turning on the machine identified as 192.168.50.100.</p> <p>[Cause]</p> <p>When 192.168.50.100 is connected, 131 issues a packet used to monitor 137 at specific intervals. 131 and 133 have been given specific GW addresses so that they are capable of responding to the packet; 134 and 137, on the other hand, are not capable of doing so without a GW address.</p> <p>When requests arrive from 100 in succession, all these requests for connection will accumulate, causing a shortage of management area. As a result, response will no longer be possible even for a request for connection from the same segment (e.g., 131 or 133), turning 134 and 137 invisible to 131 and 133.</p> <p>[Observation]</p> <p>VxWorks has the following vulnerability in relation to connection management: when multiple conditions occur in which connections cannot be fully generated, a time-out condition will take place, denying the port all services unless the condition is removed.</p> <p>[Remedy]</p> <p>Set the appropriate GW address if the environment makes use of a router.</p>
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2. Running Change

There is no item designated for running change.

Version Configuration

The operating guarantee of the iR2200 System v33.01 is undertaken for the following combinations:

iR2200(System v33.01) Software version

System	Language	Boot ROM	RUI	R-CON	DC-CON	DAD F-H1	Fin-J1	Fin-G1	PUNCH	FAX
<u>33.01</u>	<u>33.01</u>	10.29*	32.03	7.01	10.01	6.01	1.05	5.01	5.01	31.02
	(JEFIG	9.28	(JEFIG)	<i>6.01</i>	<i>9.02</i>			<i>4.06</i>	<i>3.02</i>	(100V/ 120V)
	/CNzh	8.27		<i>5.01</i>	<i>6.03</i>					18.08
	/TWzh	7.25		<i>4.01</i>	<i>5.01</i>					(230V)**
	/Ko)			<i>3.01</i>	<i>1.76</i>					
				<i>2.01</i>						

Note The above-mentioned underline portion shows the version which corresponded this time.

No change has been made to other firmware, and each combination of versions is guaranteed for operation.

The notations in italics in the table indicate versions for which upward compatibility has been verified.

add *When installing a Korean language, v10.29 of BootROM becomes indispensable.

➡ **FAX firmware v31.02 is NOT guaranteed using in 230V machine.

The versions of the user software that are compatible with the new system version are as follows:

User Software

	Version
PCL5e Printer Driver for Windows	V5.30
PCL6 Printer Driver for Windows	V3.30
PS3 Printer Driver for Windows	V1.31
NetSpot	V3.3.1
NetSpot Job Monitor	V2.40
JBIG Image Viewer for Windows	V1.20
JBIG Image Viewer for Macintosh	V1.10
Canon LPR	V1.31E
Canon Device Status Extension	V1.10
Network ScanGear	V1.30
Canon NDPS Gateway	V1.10

Releasing System CD-ROM in the Future:

There is no schedule of release of System CD-ROM

Service Parts:

To be communicated as soon as identified.

Affected Machines:

To be communicated as soon as identified.