## RIGOH

## Technical Bulletin

**PAGE: 1/3** 

Model: K-P1, A-C2, J-P1			Dat	te: 03-Jul-	01	No.: RB003008
Subject: Slow Printing from Macintosh				Prepared by: K. Misugi		
From: Technical Services Dept., GTS Division						
Classification:			orma	tion	Action	n required
	☐ Mechanical ☐ Elect		al		Service	ce manual revision
☐ Paper path		Transm	it/rec	eive	☐ Retrof	fit information
	Other ( )					

#### **SYMPTOM**

Depending on network conditions, printing from a Macintosh is very slow.

This symptom occurs in the following machines:

Model K-P1 (Kir-P), Model A-C2 (Adonis-C2), Model J-P1 (Model J).

This occurs in the following conditions:

- Macintosh with PowerPC G3 or G4 processor
- Network: Apple Talk (Ether Talk)
- Network Speed: 100Mbps (100Base fixed)

#### **CAUSE**

When the data is transferred at 100Mbps, depending on network conditions, the controller ASIC is not able to receive all data packets and a retry procedure occurs. As a result, print jobs from a Macintosh take a long time to print out.

#### SOLUTION

Please also see the flow chart on the last page.

- Check what type of hub the customer is using.
   If the customer is using a dual speed (10M/100Mbps) hub, go to step 2.
   If the customer is using a 100Base fixed (100Mbps only) hub, go to step 3.
- 2) For the customer using a dual speed hub:

Set the network (ethernet) speed of the machine to 10Mbps.

The default setting of the machine is "Auto." This setting can be changed in the "Network Setup" in the user mode "Host Interface" ("Interface Settings" in the "System Settings" for the Model A-C2).

End of procedure for the customer using a dual speed hub.



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Model: K-P1, A-C2, J-P1 Date: 03-Jul-01 No.: RB003008

3) For the customer using a 100Base fixed hub:

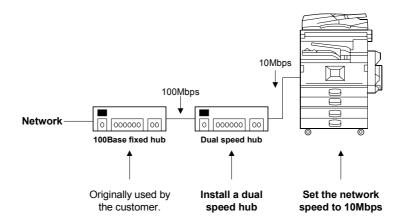
#### **Temporary solutions:**

Perform both of the following:

- a) Set the network (ethernet) speed of the machine to 10Mbps.

  The default setting of the machine is "Auto." This setting can be changed in the "Network Setup" in the user mode "Host Interface" ("Interface Settings" in the "System Settings" for the Model A-C2).
- b) Install a dual speed hub between the 100Base fixed hub and the machine.

End of procedure for the customer using a 100Base fixed hub.



#### Note:

There is almost no effect on actual print time when the machine's network speed setting is changed from 100Mbps to 10Mbps.

#### **Permanent Countermeasure:**

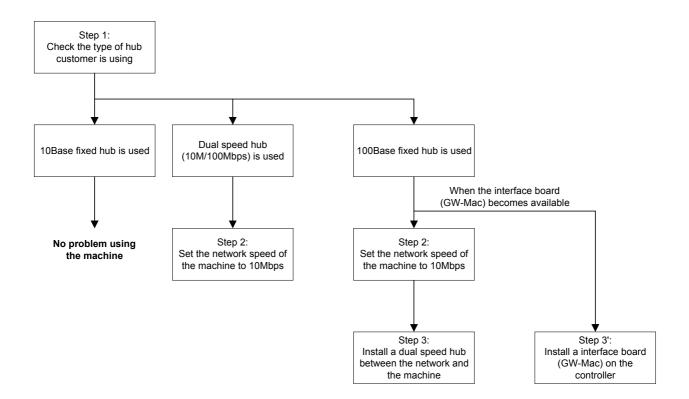
An interface board (GW-MAC) and a DIMM which contains firmware to drive the board will be supplied for attachment to the controller board. With these parts, the machine will work without installing a dual speed hub.

Detailed information on the interface board (GW-MAC) will be announced separately in mid July.

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#### Flow Chart:

When machines are being connected to Macintosh with PowerPC G3/G4 processors with Apple Talk, check the type of hub being used and follow the steps explained below.



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**PAGE: 1/1** 

Model: Model Adonis-C2			Dat	e: 09-Aug-01		No.: RB003010
Subject: Printer Firmware Release History				Prepared by	': K. T	akagi
From: Technical Services Dept., GTS Division						
Classification:	☐ Troubleshooting ☐ Part inform		orma	tion 🖂 A	Action	required
☐ Mechanical [		☐ Electrical ☐ Servi		Servic	e manual revision	
☐ Paper path		☐ Transm	it/rec	eive 🔲 F	Retrof	it information
	⊠ Other ( )					

This RTB has been issued to announce the firmware history for the Printer.

Part Number	Version	Production	
B3615902D	2.00.1	July 2001 production	
B3615902C	1.36	April 2001 production	
B3615902B	1.35	March 2001 production	
B3615902A	1.34	1st mass production	

**Note:** The above firmware is being used in USA, Europe, and Asia models, and from ver.2.00.1, it is also used in China/Taiwan models.

### **Change Descriptions**

Descriptions				
Change in Specifications: (Module added for the China/Taiwan version).	2.00.1			
<ol> <li>Firmware modified to correct the following:         <ol> <li>The machine sometimes freezes after pressing the Offline key while the data is being printed out (PCL).</li> <li>The machine sometimes freezes while downloading PCL fonts.</li> <li>The machine sometimes does not re-start printing after the paper is removed from the output tray following an overflow.</li> </ol> </li> <li>The machine sometimes freezes when both Stapling and Punching have been selected from the driver for a paper size with which neither function is permitted.</li> </ol>	1.36			
<ul> <li>Firmware modified to correct the following:</li> <li>1. The machine could not be used with Axis print servers.</li> <li>2. Part of the print data (frame) could not be printed during custom size printing with PCL 6.</li> </ul>	1.35			
First mass production	1.34			

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Model: Adonis-C2 Date			te: 09-Aug-01	No.: RB003011	
Subject: Scanner Firmware History				Prepared by: K.	Гакаді
From: Technical Services Dept., GTS Division					
Classification:	Troubleshooting	☐ Part informat		tion 🖂 Action	n required
☐ Mechanical		☐ Electric	☐ Electrical ☐ Servi		ce manual revision
	☐ Paper path	☐ Transmit/rec		ceive	fit information
	⊠ Other ( )				

This RTB has been issued to announce the firmware history for the Scanner.

Part Number	Version	Production
B3615901D	2.07	April 2001 production
B3615901C	2.05	1st mass production

Note: The above firmware is being used in USA, Europe, and Asia models.

### **Change Descriptions**

Descriptions	Version
Firmware modified to correct the following problem:  1. The mainframe stalls if it receives the command to store a document while in the process of deleting another document. Application used: DeskTopBinder V2.	2.07
First mass production	2.05

PAGE: 1/1

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Subject: Software Release History (Controller)
From: Technical Services Dept., GTS Division

☐ Mechanical

☐ Paper path

Other (

Classification: Troubleshooting

# Technical Bulletin

☐ Transmit/receive

	Dat	e: 10-Aug-0	)1	No.: RB003015
		Prepared	by: к. т	akagi
☐ Part info	ormat	tion	Action	required
☐ Electric	al		Servic	ce manual revision

☐ Retrofit information

**PAGE: 1/3** 

This RTB has been issued to announce the firmware history for the controller.

Version	Program No.	Effective Date
3.05	B0045102D	1st mass production
3.06	B0045102E	February 2001 prod.
3.07	B0045102F	March 2001 prod.
3.08.4	B0045102G	April 2001 prod.
3.08.5	B0045102H	April 2001 prod.
3.09.1	B0045102J	June 2001 prod.

Version	Title	Symptom Corrected
3.09.1	Printer application	The printer function stalls when jobs are frequently
	stalls	sent alternating among different drivers.

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Model: Adonis-C2			Dat	Date: 22-Oct-01		No.: RB003025
Subject: Service Card Release History (MFP)				Prepared by: K. Takagi		
From: Technical						
Classification: Troubleshooting		☐ Part info	orma	tion	Action	required
		☐ Electric	al		☐ Service	ce manual revision
	☐ Paper path	☐ Transm	it/rec	eive	Retrof	fit information
	⊠ Other ( )					

This RTB has been issued to announce the firmware release information and downloading procedure for the MFP Service Card.

Please refer to each firmware release RTB for details.

#### **MFP Service Card**

Version	Program No.	C. SUM	Effective Date
1.02	B0045118A	B37C	April 2001 prod.
1.03	B0045118B	B672	July 2001 prod.
1.04	B0045118C	7C19	July 2001 prod.
2.00	B0045118D	9564	October 2001 prod.

#### Contents

Version	Programs/Versions				
	Printer	Scanner	NCS (NIB)	NFA (Netfile)	
1.02	Ver. 1.36	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02	
	B3615902	B3615901D	G0585921D	G0585922D	
1.03	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02	
	B3615902D	B3615901D	G0585921D	G0585922D	
1.04	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.04	
	B3615902D	B3615901D	G0585921D	G0585922D	
2.00	Ver. 3.00	Ver. 2.27	Ver. 1.77	Ver. 2.17	
	B3615902E	B3615901E	G0585921E	G0585922F	

### **Firmware Downloading Procedure:**

- 1. Insert the 4MB IC card containing the firmware into the controller IC card slot. Then, switch on the main power.
- 2. Select the firmware that you would like to upgrade, then press "Download".
- 3. After the download has been completed, leave the card in the slot and switch the main power off/on.



# Technical **B**ulletin

Date: 22-Oct-01

**PAGE: 2/4** No.: RB003025

**New Changes - Printer** 

	Descriptions	Version
1. 2.	mware modified to correct the following:  Modified for use with the Capture function.  Modified so that the printer controller can detect the individual codes in the data headers of a print job sent with both PCL and PS codes, thereby allowing the machine to switch between the 2 PDL emulations accordingly (PCL/PS). The A-C2 prints each page in its original format, even if contained in the same file.	Version  3.00
3.	Some German umlaut characters cannot be printed out correctly with the following fonts when using the PCL6 driver on Windows NT4.0/95/98/Me: Albertus Medium, Antique Olive, Humanst521 BT, Zurich BlkEx BT.	

**New Changes - Scanner** 

Descriptions	Version		
Firmware modified to correct the following:  1. Software changed so that the original can be placed on the exposure glass just as with copying, i.e. there is no need to turn the original upside-down (for			



# Technical **B**ulletin

Date: 22-Oct-01

PAGE: 3/4

No.: RB003025

New Changes - NCS (NIB)

	Descriptions	Version
Fir	nware modified to correct the following:	
1.	When using signature level 2 on a NetWare Server, the printer does not	
	connect to the NetWare Server.	
2.	The printer cannot print more than one job sent from a CICS application	
	on an IBM Main Frame (e.g. OS/390) when the application uses lpd	
	protocol unique to CICS.	
3.	The lpd process on the printer is interrupted when lpg/lprm commands	
	with arguments are executed more than 50 times after the printer has	
	been turned on.	
4.	When trying to access the Web Status Monitor for a printer during	
5.	printing via the ipp port, the httpd process is occasionally interrupted.	
Э.	When there are several messages displayed, such as error messages after a malfunction, Apple Talk protocol is occasionally interrupted	
	during printing.	
6.	When the printer is not ready due to an open cover, the message	
0.	"Printer is not ready" is not indicated in the lpd or stat command.	
7.	When executing the prnlog command designate job ID 0, no information	1.77
	is indicated.	
8.	Even when the parameter settings changed by telnet are not	
	successfully written into the NVRAM, no error message is indicated as a	
	command line.	
9.	The software allows any name to be entered as the computer name for	
	NetBEUI.	
10.	When printing data with 0 byte by rcp, the NIB does not respond to the	
	waiting client PC.	
	No settings are valid with the install shell of RedHat Linux Ver.7.1.	
	ange in Specification:	
1.	Two-byte code characters cannot be entered for a device name.	
2.	The Job Spool function is available for printing with the combination of	
	firmware Controller System Ver. 5.19.1 and Printer System Ver. 3.00.	
	By turning [Job Spool] ON with SP-5-828-065, a print job can spool into	
	the HDD during printing.	



# Technical **B**ulletin

Date: 22-Oct-01

PAGE: 4/4 No.: RB003025

NFA (Netfile)

Descriptions	Version	
<ul> <li>Note: When using scanner firmware B3615901D, NFA firmware version 2.17 or later should be used.</li> <li>Firmware modified to correct the following: <ol> <li>The MFP stalls when setting the I/O device from two ScanRouter V2 Professional servers at the same time.</li> <li>When setting the I/O device from ScanRouter V2 Professional, the fax delivery settings sometimes disappear.</li> <li>When a print request is issued from the document server at the MFP or at DeskTopBinder V2 without the correct paper size in the tray, the MFP does not send the error to the operation panel or DeskTopBinder V2, and the MFP does not print the document.</li> </ol> </li> </ul>	2.17	
When the machine sends two or more files to the Document Server within 1 second (as when sending backed up files just after the Server recovers), the first 2 documents receive the same filename and the first is therefore erased. The software has been modified so that file naming can be controlled at the ms level, preventing the file from being deleted.		
First mass production	1.42.02	

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### Technical Bulletin

Model: General RTB			Date: 8-Nov-02		No.: RGene011	
Subject: Euro symbol not printed with PS driver			Prepared by: T. Itoh			
From: Technical Services sec. Service Planning Dept.						
Classification:	fication:		rmat	ion 🔀 Action	required	
	☐ Mechanical ☐ Electrica		l	☐ Service	e manual revision	
	☐ Paper path	<del>-</del>		eive	it information	

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#### **SYMPTOM**

When printing with the PS driver, the Euro currency symbol is not printed out with 112 of 136 fonts, which are stored in the font ROM in GW-based products.

#### The following are GW-based products:

Other (

Model-K3, Model-K P2, Russian-C2, Adonis- C2, Model-A P3, Model-J P1b, Model-J CF Model-U P1, Model-U C1, Martini-C1.

#### **CAUSE**

The Euro currency symbol was not included in the font ROM.

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#### **SOLUTION**

### **Temporary Solution (1)**

A workaround for each operating system has been previously released on the FAQ page, and is included on pp. 5-8 below.

#### **Temporary Solution (2)**

Although the font ROM will be modified as a permanent solution (details below), before this can be applied, the controller firmware has been modified on the following GW-based products:

Product	Firmware Version	Product	Firmware Version
Model-K3	1.01 (Controller)	Model-J P1b	2.18 (Controller)
Model-K P2	1.06.1 (Controller)	Model-J CF	1.11 (Printer Application)
Russian-C2	2.03 (Printer Application)	Model-U P1	2.20 (Printer Application)
Adonis-C2	3.09 (Printer Application)	Model-U C1	1.22 (Printer Application)
Model-A P3	1.08 (Controller)	Martini-C1	1.01 (Printer Application)

Specifically, the Euro currency symbol has been added along with the "PS fonts download" feature, which allows the symbol to be downloaded to machine RAM. Enable this feature by changing the setting of Bit SW#3-0 to "1 (ON)" in SP mode (default: OFF).



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Model: General RTB Date: 8-Nov-02 No.: RGene011

#### **Remarks for Temporary Solution 2:**

1. Switching PDL to PS takes approximate 7 to 10 seconds.

When PS fonts download is enabled, the Euro symbol is temporarily downloaded to the machine RAM at the first PS printing job, and whenever the PDL is switched from RPCS or PCL to PS. The total download time is approximately 7 to 10 seconds. This is because once the data is downloaded, it will remain in the RAM until the PDL is switched or the power turned off.

2. Printing high image area documents at 1200 dpi may cause a memory overflow error in machines equipped only with 32MB of memory (ex. Model-K P2).

This is because the PS fonts download feature uses approximately 800kB, which can bring the amount of available memory close to capacity with the above printing conditions.

#### Workaround:

- Printing at 600dpi may prevent an overflow, even with just the 32MB memory installed.
- Changing the memory usage setting from "Frame Priority" to "Font Priority" may prevent an overflow.

#### **Permanent Solution**

Modification of the font ROM on the ROM DIMM or the Controller Board, from October '02, production or later (details differ depending on the model). Specifically, the Euro currency symbol has been added to the 112 fonts mentioned above.

#### Note:

- 1. When the new ROM DIMM or Controller Board is installed, it is <u>not</u> necessary to disable the PS fonts download feature (temporary solution).
- 2. An MB will be issued separately announcing the P/N change for the ROMM DIMM and Controller Boards, and cut-in serial number.

#### ROM DIMM and Controller Board P/N:

Model	Where the font ROM is soldered	Current P/N	Model	Where the font ROM is soldered	Current P/N
Model-K P2	Controller	G0735712	Model-J CF	ROM DIMM	G5706687
		G0745712	Model-U P1	ROM DIMM	G0705851
Adonis-C2	ROM DIMM	B3615117	Model-U C1	ROM DIMM	B5295117
		B3625118	1		B4635117
Model-A P3	Controller	G0656022	Martini-C1	ROM DIMM	G3395117
		G0656023	1		G3385117
Russian-C2	ROM DIMM	B4615117	Model-K3	Controller	B5165750
		B4535117			
Model-J P1b	ROM DIMM	G0776120	1		



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Model: General RTB Date: 8-Nov-02 No.: RGene011

### **Font Table**

This is a symbol font, so no countermeasure is applied.  Both temporary and permanent solutions work to print out the Euro	Euro symbol is printed correctly.			
	This is a symbol font, so no countermeasure is applied.			
	Both temporary and permanent solutions work to print out the Euro currency symbol correctly.			

AlbertusMT	Helvetica	Univers
AlbertusMT-Italic	Helvetica-Bold	Univers-Bold
AlbertusMT-Light	Helvetica-BoldOblique	Univers-BoldExt
AntiqueOlive-Bold	Helvetica-Condensed	Univers-BoldExtObl
AntiqueOlive-Compact	Helvetica-Condensed-Bold	Univers-BoldOblique
AntiqueOlive-Italic	Helvetica-Condensed-BoldObl	Univers-Condensed
AntiqueOlive-Roman	Helvetica-Condensed-Oblique	Univers-CondensedBold
Apple-Chancery	Helvetica-Narrow	Univers-CondensedBoldOblique
Arial-BoldItalicMT	Helvetica-Narrow-Bold	Univers-CondensedOblique
Arial-BoldMT	Helvetica-Narrow-BoldOblique	Univers-Extended
Arial-ItalicMT	Helvetica-Narrow-Oblique	Univers-ExtendedObl
ArialMT	Helvetica-Oblique	Univers-Light
AvantGarde-Book	HoeflerText-Black	Univers-LightOblique
AvantGarde-BookOblique	HoeflerText-BlackItalic	Univers-Oblique
AvantGarde-Demi	HoeflerText-Italic	Wingdings-Regular
AvantGarde-DemiOblique	HoeflerText-Ornaments	ZapfChancery-MediumItalic
Bodoni	HoeflerText-Regular	ZapfDingbats
Bodoni-Bold	JoannaMT	
Bodoni-BoldItalic	JoannaMT-Bold	
Bodoni-Italic	JoannaMT-BoldItalic	
Bodoni-Poster	JoannaMT-Italic	
Bodoni-PosterCompressed	LetterGothic	
Bookman-Demi	LetterGothic-Bold	
Bookman-Demiltalic	LetterGothic-BoldSlanted	
Bookman-Light	LetterGothic-Slanted	
Bookman-LightItalic	LubalinGraph-Book	
Carta	LubalinGraph-BookOblique	
Chicago	LubalinGraph-Demi	
Clarendon	LubalinGraph-DemiOblique	
Clarendon-Bold	Marigold	
Clarendon-Light	MonaLisa-Recut	
CooperBlack	Monaco	
CooperBlack-Italic	NewCenturySchlbk-Bold	
Copperplate-ThirtyThreeBC	NewCenturySchlbk-BoldItalic	
Copperplate-ThirtyTwoBC	NewCenturySchlbk-Italic	
Coronet-Regular	NewCenturySchlbk-Roman	
Courier	NewYork	
Courier-Bold	Optima	
Courier-BoldOblique	Optima-Bold	
Courier-Oblique	Optima-BoldItalic	
Eurostile	Optima-Italic	
Eurostile-Bold	Oxford	
Eurostile-BoldExtendedTwo	Palatino-Bold	
Eurostile-ExtendedTwo	Palatino-BoldItalic	

RIGOH

Model: General RTB

# Technical Bulletin

Date: 8-Nov-02 No.: RGene011

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Geneva	Palatino-Italic
GillSans	Palatino-Roman
GillSans-Bold	StempelGaramond-Bold
GillSans-BoldCondensed	StempelGaramond-BoldItalic
GillSans-BoldItalic	StempelGaramond-Italic
GillSans-Condensed	StempelGaramond-Roman
GillSans-ExtraBold	Symbol
GillSans-Italic	Tekton
GillSans-Light	Times-Bold
GillSans-LightItalic	Times-BoldItalic
Goudy	Times-Italic
Goudy-Bold	Times-Roman
Goudy-BoldItalic	TimesNewRomanPS-BoldItalicMT
Goudy-ExtraBold	TimesNewRomanPS-BoldMT
Goudy-Italic	TimesNewRomanPS-ItalicMT
	TimesNewRomanPSMT



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Model: General RTB Date: 8-Nov-02 No.: RGene011

#### Workaround Announced on the FAQ Page

#### **Question:**

Euro Fonts printing problem

#### **Answer:**

If Euro Fonts can't be printed by the PS driver, the following solutions may be effective.

#### **Solution**

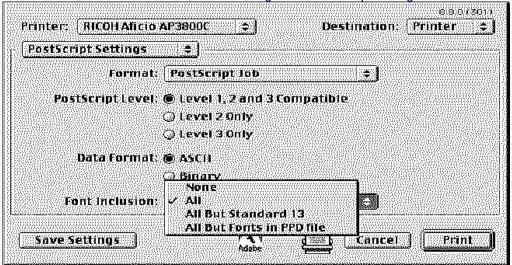
MacOS 9.x / 8.x

Use the AdobePS 8.8 printer driver.

Get the printer driver from the Adobe site on the web.

http://www.adobe.com/support/downloads/product.jsp?product=44&platform=Macintosh

Then select "ALL" for the "Font Inclusion" setting in the "PostScript Settings" window as follows.



#### Windows 95

Update Windows95 to "Euro Currency Support for Windows95".

You can get it from the following URL.

http://www.microsoft.com/windows95/downloads/contents/WURecommended/S\_WUFeatured/W95EuroPatch/Default.asp

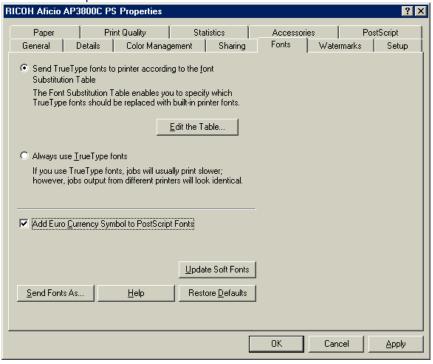
Then the "Add Euro Currency Symbol to PostScript Fonts" check box is available. Check "Add Euro Currency Symbol to PostScript Fonts". (Before update, the check box doesn't work.)



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Model: General RTB Date: 8-Nov-02 No.: RGene011

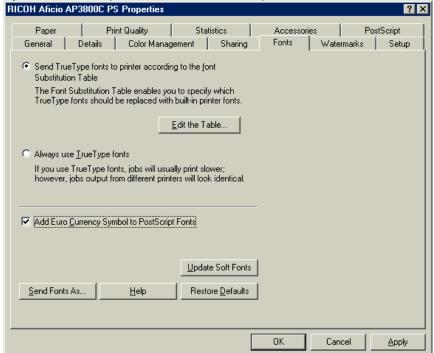
Windows95 after update



Windows 98 / ME / NT4.0 / XP

Check "Add Euro Currency Symbol to PostScript Fonts" .

Windows 98 / ME (Note: The AdobePS driver version 4.3.1 or later has "Add Euro Currency Symbol to PostScript Fonts" in the "Fonts" tab.)

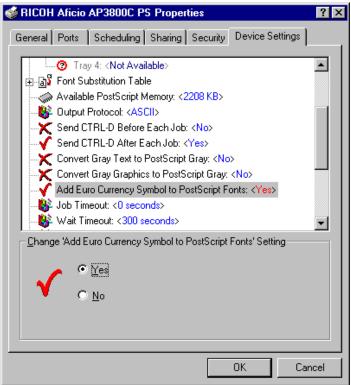




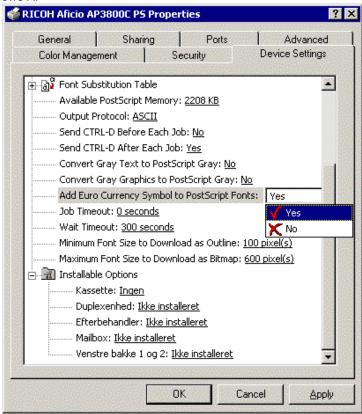
**PAGE: 7/8** 

Model: General RTB Date: 8-Nov-02 No.: RGene011

#### Windows NT4.0



#### Windows XP





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No.: RGene011

Date: 8-Nov-02

#### Windows 2000

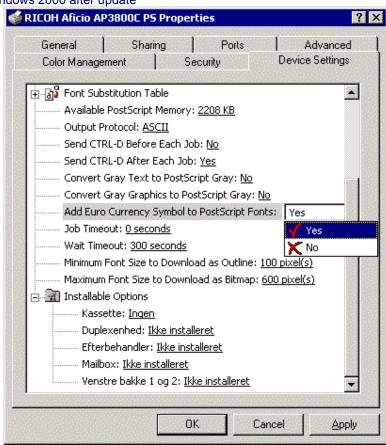
Model: General RTB

Update the printer driver to v5.5.2 or later.

You can get it from the printer driver v1.0.6 on the Adobe web site that includes the W2000 driver v 5.5.2.

http://www.adobe.com/support/downloads/product.jsp?product=44&platform=Windows Then the "Add Euro Currency Symbol to PostScript Fonts" check box is displayed. Check "Add Euro Currency Symbol to PostScript Fonts".

#### Windows 2000 after update



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**PAGE: 1/2** 

Model: Adonis-C2 Da			Dat	e: 22-Jan-	.02	No.: RB003030
Subject: Service Card Release History (MFP)				Prepare	d by: K.T	akagi
From: Technical Services Dept., GTS Division						
Classification:	Troubleshooting	☐ Part info	orma	tion	Action	required
	☐ Mechanical	☐ Electric	al		Service	ce manual revision
	☐ Paper path	Transm	it/rec	eive	Retrof	fit information
	Other ( )					

This RTB has been issued to announce the firmware release information and downloading procedure for the MFP Service Card. Please refer to each firmware release RTB for details.

Newly modified portions are in **bold and italics**, and carryovers are in *italics* alone.

### **MFP Service Card**

Version	Program No.	C. SUM	Effective Date
1.02	B0045118A	B37C	April 2001 prod.
1.03	B0045118B	B672	July 2001 prod.
1.04	B0045118C	7C19	July 2001 prod.
2.00	B0045118D	9564	October 2001 prod.
2.01	B0045118E	21D8	January 2002 prod.

#### **Contents**

Version	Programs/Versions					
	Printer	Scanner	NCS (NIB)	NFA (Netfile)		
1.02	Ver. 1.36	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02		
	B3615902	B3615901D	G0585921D	G0585922D		
1.03	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02		
	B3615902D	B3615901D	G0585921D	G0585922D		
1.04	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.04		
	B3615902D	B3615901D	G0585921D	G0585922D		
2.00	Ver. 3.00	Ver. 2.27	Ver. 1.77	Ver. 2.17		
	B3615902E	B3615901E	G0585921E	G0585922F		
2.01	Ver. 3.02	Ver. 2.27	Ver. 1.77	Ver. 2.17		
	B3615902F	B3615901E	G0585921E	G0585922F		



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Model: Adonis-C2 Date: 22-Jan-02 No.: RB003030

### Firmware Downloading Procedure:

- 1. Insert the 4MB IC card containing the firmware into the controller IC card slot. Then, switch ON the main power.
- 2. Select the firmware that you would like to upgrade, then press "Download".
- 3. After the download has been completed, leave the card in the slot and switch the main power OFF/ON.

#### **New Changes - Printer**

Descriptions				
Firmware modified to correct the following:				
<ol> <li>A print job received when the machine switches from On to Off Mode may not be printed out.</li> </ol>				
After deleting a locked print document, it is possible to press the delete button without selecting any other locked print documents.	3.02			
3. The operation panel may flicker slightly after the operator performs settings in the Printer Features window very quickly (i.e. window is open for a very short time).				

New Changes – Scanner, NCS, NFA None

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**PAGE: 1/3** 

Model: Adonis-C2			Dat	e: 15-Mar-02 No.: RB003034	
Subject: Service Card Release History (MFP)				Prepared by: K.	Takagi
From: Technical Services Dept., GTS Division					
Classification:	☐ Troubleshooting	☐ Part inf	orma	tion	n required
	☐ Mechanical	☐ Electric	al	☐ Servi	ce manual revision
	☐ Paper path	☐ Transm	it/rec	eive Retro	fit information
	⊠ Other ( )				

This RTB has been issued to announce the firmware release information and downloading procedure for the MFP Service Card. Please refer to each firmware release RTB for details.

Newly modified portions are in **bold and italics**, and carryovers are in *italics* alone.

#### **MFP Service Card**

Version	Program No.	C. SUM	Effective Date
1.02	B0045118A	B37C	April 2001 prod.
1.03	B0045118B	B672	July 2001 prod.
1.04	B0045118C	7C19	July 2001 prod.
2.00	B0045118D	9564	October 2001 prod.
2.01	B0045118E	21D8	January 2002 prod.
2.02	B0045118F	BE38	March 2002 prod.

#### **Contents**

Version	Programs/Versions				
	Printer	Scanner	NCS (NIB)	NFA (Netfile)	
1.02	Ver. 1.36	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02	
	B3615902	B3615901D	G0585921D	G0585922D	
1.03	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02	
	B3615902D	B3615901D	G0585921D	G0585922D	
1.04	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.04	
	B3615902D	B3615901D	G0585921D	G0585922D	
2.00	Ver. 3.00	Ver. 2.27	Ver. 1.77	Ver. 2.17	
	B3615902E	B3615901E	G0585921E	G0585922F	
2.01	Ver. 3.02	Ver. 2.27	Ver. 1.77	Ver. 2.17	
	B3615902F	B3615901E	G0585921E	G0585922F	
2.02	Ver. 3.05	Ver. 2.27	Ver. 1.79	Ver. 2.19	
	B3615902G	B3615901E	G0585921F	G0585922G	



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Model: Adonis-C2 Date: 15-Mar-02 No.: RB003034

### Firmware Downloading Procedure:

- 1. Insert the 4MB IC card containing the firmware into the controller IC card slot. Then, switch ON the main power.
- 2. Select the firmware that you would like to upgrade, then press "Download".
- 3. After the download has been completed, leave the card in the slot and switch the main power OFF/ON.

#### **Printer**

Descriptions			
1. 2. 3.	The punch error is logged in the error report whenever feeding from the Bypass Tray under any print job conditions (even when not using the punch unit).  When Letterhead is selected as the paper type for the Bypass tray, the tray icon on the operation panel displays a "2", indicating that Duplex copies can be made (not permissible according to the specifications). When printing in duplex mode, the last odd page is printed on the reverse side of the last sheet (see FPR reply #OTS-01-2651 of #RE01060006 for details).  The punch unit is received, it appears on the appears on the appears on the appears tray, it is received, it appears on the appears on the appears tray it is received, it appears on the appears the Bypass tray, the appears the Bypass tray, the tray icon on the operation panel displays a "2", indicating that Duplex copies can be made (not permissible according to the specifications). When printing in duplex mode, the last odd page is printed on the reverse side of the last sheet (see FPR reply #OTS-01-2651 of #RE01060006 for details).  The punch unit is received, it appears on the output appears on the output appears on the appears on the appears on the output appears of the output appears on the output appears of the output appears of the output appears of the output appears of the outpu	Version  3.05	
1.			



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Reissued: 28-Mar-02

Model: Adonis-C2	Date: 15-Mar-02	No.: RB003034a

#### **RTB Correction**

Items in bold italics have been corrected or added.

Subject: Service Card Release History (MFP)			Prepared by: K. Takagi	
From: Technical				
Classification:	Troubleshooting	☐ Part informa	tion	Action required
	☐ Mechanical	☐ Electrical		☐ Service manual revision
	☐ Paper path	☐ Transmit/red	eive	☐ Retrofit information
	⊠ Other ( )			

This RTB has been issued to announce the firmware release information and downloading procedure for the MFP Service Card. Please refer to each firmware release RTB for details.

### MFP Service Card

Version	Program No.	C. SUM	Effective Date	
1.02	B0045118A	118A B37C April 2001 prod.		
1.03	B0045118B	B672 July 2001 prod.		
1.04	B0045118C	7C19	July 2001 prod.	
2.00	B0045118D	9564	October 2001 prod.	
2.01	B0045118E	21D8	January 2002 prod.	
2.02	B0045118F	BE38	March 2002 prod.	

#### Contents

Version	Programs/Versions				
	Printer	Scanner	NCS (NIB)	NFA (Netfile)	
1.02	Ver. 1.36	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02	
	B3615902	B3615901D	G0585921D	G0585922D	
1.03	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02	
	B3615902D	B3615901D	G0585921D	G0585922D	
1.04	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.04	
	B3615902D	B3615901D	G0585921D	G0585922D	
2.00	Ver. 3.00	Ver. 2.27	Ver. 1.77	Ver. 2.17	
	B3615902E	B3615901E	G0585921E	G0585922F	
2.01	Ver. 3.02	Ver. 2.27	Ver. 1.77	Ver. 2.17	
	B3615902F	B3615901E	G0585921E	G0585922F	
2.02	Ver. 3.05	Ver. 2.27	Ver. 1.79	Ver. 2.19	
	B3615902G	B3615901E	G0585921F	G0585922G	



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Reissued: 28-Mar-02

Model: Adonis-C2 Date: 15-Mar-02 No.: RB003034a

#### Firmware Downloading Procedure:

- 1. Insert the 4MB IC card containing the firmware into the controller IC card slot. Then, switch ON the main power.
- 2. Select the firmware that you would like to upgrade, then press "Download".
- 3. After the download has been completed, leave the card in the slot and switch the main power OFF/ON.

#### **Printer**

No changes

#### Scanner

No changes

### NCS (NIB)

Descriptions	Version
Change in Specification:	
1. 2-byte code characters cannot be entered for a device name.	
2. The Job Spool function is available for printing with the	
combination of firmware Controller System Ver. 5.19.1 and Printer	
System Ver. 3.00.	
By turning [Job Spool] ON in SP-5-828-065, a print job can spool	
into the HDD during printing.	
The information in #2 above was mistakenly included in this RTB.	
Although the Spool function appears in SP5-828-065, 066 and 069,	
it is only supported on the Japanese model (please do not enable	
these modes).	



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Reissued: 28-Mar-02

Model: Adonis-C2	Date: 15-Mar-02	No.: RB003034a
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	Descriptions	Version	
Fir	Firmware modified to correct the following:		
1.	After a communication failure breaks the connection between the NIB		
	and Network Twain driver, the driver is unable to re-establish connection		
	(unless the A-C2 is powered Off/On).		
2.	When 8000000(H) or more is registered in the Manager IPX Address 2		
3.	(Web Status Monitor), the setting is changed to an unspecified one.  If several print jobs are sent one after another to the NIB via the IPP port		
٥.	of SmartNetMonitor for Client, the NIB terminates printing. (Also, a print		
	job sent by the standard IPP port may be canceled).		
4.	The USTATUS information may be lost, depending on when the		
	USTATUS is sent during bi-directional communication over TCP/IP port		
	9100.	1.66	
5.	With bi-directional communication enabled for TCP port 9100, printing		
	operation is inhibited after data is sent from an application utility that		
6	does not support bi-directional communication (e.g. Port Navi, MDP).		
6. 7.	The IP address 0.0.0.0 can be set by the ifconfig command.  The wording of the message for saving data at logoff was corrected		
' -	from "datas" to "data".		
Ch	ange in Specification:		
1.	Information such as the IP address and printing protocol (Client PCs)		
	was added to the syslog file for access restriction.		
2.	The display width for the ID of the prnlog command with telnet, rsh, and		
<u> </u>	ftp was expanded from 2 to 10 digits.		
Fir	st mass production	1.61	

# NFA (Netfile) No changes



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 Date: 15-Mar-02
 No.: RB003034

Scanner Nothing new

### NCS (NIB)

	Descriptions	Version
Fil	rmware modified to correct the following:	
1.	No error message is displayed in Netscape Navigator even when an	
	incorrect URL is input in the address bar.	
2.	Up to 32 characters can be input in the NetBEUI configuration screen	
	Comment box, even though the specification is 31 characters maximum.	
3.	The PS status cannot be displayed using the "stat" command (lpq	
,	command for lpr).	
4.	If Trap is selected for the Access Type in the SNMP Configuration screen during the snmpd process, communication may be cut off.	
5	The NIB does not respond to the "lprm –" command (root directory) from	
5.	a FreeBSD host computer.	1.79
6	If an undefined remote printer number is input in the Netware	
٥.	configuration page, communication between the NIB and Netware	
	Server will be cut off.	
Cł	nange in Specification:	
1.	Two or more print queues can be attached to a single printer object (for	
	further details, refer to TechMail RC010430).	
2.	TCP Ports 11021 and 11023 (Design use) have been closed.	

### NFA (Netfile)

Descriptions	
Minor program changes for the Japanese model only.	2.19

# Reissued: 1-Jul-02

## Technical Bulletin

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Model: Adonis-C2 Date: No.: RB003038a

#### **RTB Correction**

The items in bold litalics have been corrected or added.

Subject: Service Card Release History (MFP)				d by: K. Takagi			
From: Technical	Services sec. Service Planning						
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path	Part informa  Electrical  Transmit/rec		☐ Action required ☐ Service manual revision ☐ Retrofit information			
	Other ( )						

Firmware release information and downloading procedure for the MFP Service Card. Please refer to each firmware release RTB for details.

#### **MFP Service Card**

Version	Program No.	C. SUM	Effective Date
1.02	B0045118A	B37C	April 2001 prod.
1.03	B0045118B	B672	July 2001 prod.
1.04	B0045118C	7C19	July 2001 prod.
2.00	B0045118D	9564	October 2001 prod.
2.01	B0045118E	21D8	January 2002 prod.
2.02	B0045118F	BE38	March 2002 prod.
2.03	B0045118G	BC62	June 2002 prod.

#### Contents

Version	Programs/Versions					
	Printer	Scanner	NCS (NIB)	NFA (Netfile)		
1.02	Ver. 1.36	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02		
	B3615902	B3615901D	G0585921D	G0585922D		
1.03	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02		
	B3615902D	B3615901D	G0585921D	G0585922D		
1.04	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.04		
	B3615902D	B3615901D	G0585921D	G0585922D		
2.00	Ver. 3.00	Ver. 2.27	Ver. 1.77	Ver. 2.17		
	B3615902E	B3615901E	G0585921E	G0585922F		
2.01	Ver. 3.02	Ver. 2.27	Ver. 1.77	Ver. 2.17		
	B3615902F	B3615901E	G0585921E	G0585922F		
2.02	Ver. 3.05	Ver. 2.27	Ver. 1.79	Ver. 2.19		
	B3615902G	B3615901E	G0585921F	G0585922G		
2.03	Ver. 3.08	Ver. 2.27	Ver. 1.79	Ver. 2.19		
	B3615902H	B3615901E	G0585921F	G0585922G		

# Reissued: 1-Jul-02

Model: Adonis-C2

## Technical Bulletin

Date: No.: RB003038a

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### Firmware Downloading Procedure:

- 1. Insert the 4MB IC card containing the firmware into the controller IC card slot. Then, switch ON the main power.
- 2. Select the firmware that you would like to upgrade, then press "Download".
- 3. After the download has been completed, leave the card in the slot and switch the main power OFF/ON.

#### **Printer**

Descriptions	Version
Firmware modified to correct the following: The "XL ERROR" occurs when specifying symbol sets SETvmath (6M), SETvint (13J) and SETvus (14J) which are not supported in PCLXL.  Change in Specification:  PCL6: Added symbol sets PC-858, Latin 9 and Roman 9 for display of the Euro currency symbol.	3.08
<ol> <li>Firmware modified to correct the following:         <ul> <li>When the undefined command, "<esc>&amp;k#w" is received, it appears on the output as a character string [e.g. as "<esc>&amp;k6w"].</esc></esc></li> <li>A punch error is logged in the error report whenever feeding from the Bypass Tray under any print job conditions (even when not using the punch unit).</li> <li>When Letterhead is selected as the paper type for the Bypass tray, the tray icon on the operation panel displays a "2", indicating that Duplex copies can be made (not permissible according to the specifications).</li> </ul> </li> <li>When printing a duplex job, the last odd page is printed on the reverse side of the last sheet (see FPR reply #OTS-01-2651 of #RE01060006 for details).</li> <li>Change in Specification:         <ul> <li>Supports the Status Readback function of the PCL5e.</li> <li>PCL5e: Added symbol sets PC-858, Latin 9 and Roman 9 for display of the EURO currency symbol.</li> </ul> </li> </ol>	3.05

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Model: Adonis-C2 Da			Dat	e: 30-Jul-0	No.: RB003040	
Subject: Service Card Release History (MFP)			Prepared by: K. Takagi			
From: Technical	Services sec. Service Planning	Dept.				
Classification:	☐ Troubleshooting	☐ Part inf	ormat	tion	☐ Action	required
	☐ Mechanical	☐ Electric	al		Service	ce manual revision
	☐ Paper path	☐ Transm	it/rec	eive	☐ Retrof	fit information
	⊠ Other ( )					

Firmware release information and downloading procedure for the MFP Service Card. Please refer to each firmware release RTB for details.

### MFP Service Card

Version	Program No.	C. SUM	Effective Date
1.02	B0045118A	B37C	April 2001 prod.
1.03	B0045118B	B672	July 2001 prod.
1.04	B0045118C	7C19	July 2001 prod.
2.00	B0045118D	9564	October 2001 prod.
2.01	B0045118E	21D8	January 2002 prod.
2.02	B0045118F	BE38	March 2002 prod.
2.03	B0045118G	BC62	June 2002 prod.
2.04	B0045118H	8200	August 2002 prod.

#### Contents

Contents				
Version		Progra	ms/Versions	
	Printer	Scanner	NCS (NIB)	NFA (Netfile)
1.02	Ver. 1.36	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02
	B3615902	B3615901D	G0585921D	G0585922D
1.03	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02
	B3615902D	B3615901D	G0585921D	G0585922D
1.04	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.04
	B3615902D	B3615901D	G0585921D	G0585922D
2.00	Ver. 3.00	Ver. 2.27	Ver. 1.77	Ver. 2.17
	B3615902E	B3615901E	G0585921E	G0585922F
2.01	Ver. 3.02	Ver. 2.27	Ver. 1.77	Ver. 2.17
	B3615902F	B3615901E	G0585921E	G0585922F
2.02	Ver. 3.05	Ver. 2.27	Ver. 1.79	Ver. 2.19
	B3615902G	B3615901E	G0585921F	G0585922G
2.03	Ver. 3.08	Ver. 2.27	Ver. 1.79	Ver. 2.19
	B3615902H	B3615901E	G0585921F	G0585922G
2.04	Ver. 3.08	Ver. 2.27	Ver. 1.81	Ver. 2.19
	B3615902H	B3615901E	G0585921G	G0585922G

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## Technical Bulletin

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Model: Adonis-C2 Date: 30-Jul-02 No.: RB003040

#### Firmware Downloading Procedure:

- 1. Insert the 4MB IC card containing the firmware into the controller IC card slot. Then, switch ON the main power.
- 2. Select the firmware that you would like to upgrade, then press "Download".
- 3. After the download has been completed, leave the card in the slot and switch the main power OFF/ON.

**Printer: Nothing new** 

Scanner: Nothing new

### NCS (NIB)

	Descriptions	Version
Th	e following items have been fixed:	
1.	The controller freezes if disconnected while data containing the Readback command is being printed out with ftp/rsh.	
2.	Display corrected for when the operator tries to execute Spool Printing Job List with SmartNetMonitor for Admin on the A-C2/R-C2: Previous: "Spool printing is not available. Active spool printing from the device or related software"	
3.	New: "Error 404"  The Fax Management Tool cannot be used while any of the NIB setting(s) are being changed.	
4.	The parameters of sysLocation and sysContact cannot be set correctly using the snmp command with telnet.	
H	The controller freezes when a non-existent file is specified for rcp transmission. Cannot connect to Novel NDS (GFPR #RC02010007):  The nearest NetWare Server informs the NIB of the alternate NetWare Server address, where the NDS replica is stored. However, the NIB is unable to interpret the message.	1.81
Ch	ange in Specification:	
	SNMP vulnerability SNMP security vulnerabilities reported by CERT on Feb.12, 2002 has been tested using the PROTOS c06-snmpv1 test suite and we have verified the fixesCERT: http://www.cert.org/advisories/CA-2002-03.html -PROTOS c06-snmpv1 test suite : http://www.ee.oulu.fi/research/ouspg/protos/testing/c06/snmpv1/	
2.	Some reserved (unused) TCP ports that were open have been closed, e.g. FTP.	

NFA (Netfile): Nothing new

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Model: Adonis-C2 Dat			te: 19-Nov-02		No.: RB003042	
Subject: Service Card Release History (MFP)			Prepared by: K. Takagi			
From: Technical	Services sec. Service Planning	Dept.				
Classification:	Troubleshooting	☐ Part inf	ormat	tion	Action	required
	☐ Mechanical	☐ Electric	al		☐ Service	ce manual revision
	☐ Paper path	☐ Transm	it/rec	eive	Retro	fit information
	⊠ Other ( )					

This RTB has been issued to announce the firmware release information and downloading procedure for the MFP Service Card. Please refer to each firmware release RTB for details.

### MFP Service Card

Version	Program No.	C. SUM	Effective Date
1.02	B0045118A	B37C	April 2001 prod.
1.03	B0045118B	B672	July 2001 prod.
1.04	B0045118C	7C19	July 2001 prod.
2.00	B0045118D	9564	October 2001 prod.
2.01	B0045118E	21D8	January 2002 prod.
2.02	B0045118F	BE38	March 2002 prod.
2.03	B0045118G	BC62	June 2002 prod.
2.04	B0045118H	8200	August 2002 prod.
2.05	B0045118J	CAB0	October 2002 prod.

#### Contents

Version	n Programs/Versions			
	Printer	Scanner	NCS (NIB)	NFA (Netfile)
1.02	Ver. 1.36	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02
	B3615902	B3615901D	G0585921D	G0585922D
1.03	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02
	B3615902D	B3615901D	G0585921D	G0585922D
1.04	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.04
	B3615902D	B3615901D	G0585921D	G0585922D
2.00	Ver. 3.00	Ver. 2.27	Ver. 1.77	Ver. 2.17
	B3615902E	B3615901E	G0585921E	G0585922F
2.01	Ver. 3.02	Ver. 2.27	Ver. 1.77	Ver. 2.17
	B3615902F	B3615901E	G0585921E	G0585922F
2.02	Ver. 3.05	Ver. 2.27	Ver. 1.79	Ver. 2.19
	B3615902G	B3615901E	G0585921F	G0585922G
2.03	Ver. 3.08	Ver. 2.27	Ver. 1.79	Ver. 2.19
	B3615902H	B3615901E	G0585921F	G0585922G
2.04	Ver. 3.08	Ver. 2.27	Ver. 1.81	Ver. 2.19
	B3615902H	B3615901E	G0585921G	G0585922G
2.05	Ver. 3.09	Ver. 2.27	Ver. 1.81	Ver. 2.19
	B3615902J	B3615901E	G0585921G	G0585922G



## Technical Bulletin

**PAGE: 2/7** No.: RB003042

Date: 19-Nov-02

Firmware Downloading Procedure:

- 1. Insert the 4MB IC card containing the firmware into the controller IC card slot. Then, switch ON the main power.
- 2. Select the firmware that you would like to upgrade, then press "Download".
- 3. After the download has been completed, leave the card in the slot and switch the main power OFF/ON.

#### Printer

Descriptions	Version
<ol> <li>Firmware modified to correct the following:         <ol> <li>Line spacing command "lochEsc&amp;l#D"loch causes incorrect output. (GFPR# RC02050002)</li> <li>Euro currency symbol is not printed when using the PS driver (refer to RTB #RGENE011 for workaround).</li> <li>Slow Printing from AutoCAD (GFPR# RC02070001)</li> <li>Bold may not work on some TrueType fonts.</li> <li>With some bold fonts, text characters appear too thick, removing the fine detail.</li> <li>When using bold fonts, short lines may appear around text characters.</li> <li>PJL Echo does not respond correctly. (GFPR# RE02070088)</li> <li>PS print files are printed as text (GFPR# RE02040013).</li> </ol> </li> <li>CAD print files:         <ol> <li>Increased the number of available pen selections from 8 to 256 when BitSw #3-3 is ON (GFPR# RE02030003).</li> <li>Modified so that the "null" character is ignored when it is included in HP/GL2 data to increase speed (GFPR# RE02050016).</li> <li>The status flag for the bold selection command is refreshed when it is selected for HP/GL2 data (GFPR# RE02050016).</li> </ol> </li> </ol>	3.09
Firmware modified to correct the following: The "XL ERROR" occurs when specifying symbol sets SETvmath (6M), SETvint (13J) and SETvus (14J) which are not supported in PCLXL.  Change in Specification: PCL6: Added symbol sets PC-858, Latin 9 and Roman 9 for display of the Euro currency symbol.	3.08



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M	Model: Adonis-C2 Date: 19-Nov-02 No.: RB			B003042
	Descriptions			Version
Firmware modified to correct the following:				
1.	When the undefined command, " <esc>&amp;k#w" is re</esc>	ceived, it appears on th	e	
	output as a character string [e.g. as " <esc>&amp;k6w"]</esc>			
2.	The punch error is logged in the error report wh	nenever feeding from t	the	
	Bypass Tray under any print job conditions (eve	en when not using the	;	
	punch unit).			
3.	When Letterhead is selected as the paper type	for the Bypass tray, t	he	
	tray icon on the operation panel displays a "2",	indicating that Duplex	,	0.05
	copies can be made (not permissible by specifi	cation).		3.05
4.	When printing in duplex, the last odd page is pr	inted on the reverse s	side	
	of the last sheet (see FPR reply #OTS-01-2651			
	details).			
Ch	ange in Specification:			
	Supports the Status Readback function of the F	CL5e.		
	PCL5e: Added symbol sets PC-858, Latin 9 and		of	
	the EURO currency symbol.	, , , , , , , , , , , , , , , , , , , ,		
Fir	mware modified to correct the following:			
	A print job received when the machine switches	from On to Off Mode	mav	
	not be printed out.			
2.	After deleting a locked print document, it is possible.	sible to press the dele	te	
	button without selecting any other locked print of	•		3.02
3.	The operation panel may flicker slightly after the			
	settings in the Printer Features window very qui		en	
	for a very short time).	, ,		
Fir	mware modified to correct the following:			
1.	Modified for use with the Capture function.			
2.	Modified so that the printer controller can detec	ct the individual codes	in	
	the data headers of a print job sent with both P			
	allowing the machine to switch between the 2 F	-		
	accordingly (PCL/PS). The A-C2 prints each pa		at.	3.00
	even if contained in the same file.	.goo ogoo	<b></b> ,	
3.	Some German umlaut characters cannot be pr	inted out correctly with	h the	
	following fonts when using the PCL6 driver on			
	Albertus Medium, Antique Olive, Humanst521			
Ch	ange in Specification:			
	odule added for China/Taiwan version).			2.00.1
_	mware modified to correct the following:			
1.	The machine sometimes freezes after pressing	the Offline kev while	the	
``	data is being printed out (PCL).	,		
2.	The machine sometimes freezes while download	ading PCL fonts.		
3.	The machine sometimes does not re-start print			1.36
-	removed from the output tray following an over			
4.	The machine sometimes freezes when both St		nave	
	been selected from the driver for a paper size v			
	is permitted.			
Щ	p			



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Model: Adonis-C2	Date: 19-Nov-02 No.: RB003042		
Descriptions			Version
Firmware modified to correct the following:  1. The machine could not be used with Axis print servers.  2. Part of print data (frame) could not be printed during Custom size printing in PCL 6.		1.35	
First mass production			1.34

### Scanner

Descriptions	Version
Descriptions	
<ol> <li>Software changed so that the original can be placed on the exposure glass just as with copying, i.e. there is no need to turn the original upsidedown (for both directions).</li> <li>Wer. 2. 07 (B3615901D)</li> <li>Mixed Original Mode can now be used with the Twain driver ver.3.12. When using this driver, please note the following:         <ol> <li>Be sure to use Netfile software ver.2.17 or newer.</li> <li>Also, be sure to install ADF ROM ver.1.76 or newer, as older versions</li> </ol> </li> </ol>	2.27
will cause image stretching along the sub-scan direction with 425dpi and 555-557dpi scanning.	
Firmware modified to correct the following:	
The mainframe stalls if it receives the command to store a document while in the process of deleting another document. Application used:     Desktop Binder V2.	
First mass production	2.05



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 Date: 19-Nov-02
 No.: RB003042

NCS (NIB)

NCS (NIB)		
Descriptions	Version	
The following items have been fixed:		
<ol> <li>The controller freezes if disconnected while data containing the Readback command is being printed out with ftp/rsh.</li> </ol>		
2. Display corrected for when the operator tries to execute Spool Printing Job List with SmartNetMonitor for Admin on the A-C2/R-C2:		
Previous: "Spool printing is not available. Active spool printing from the device o related software"  New: "Error 404"	r	
3. The Fax Management Tool cannot be used while any of the NIB setting(s) are being changed.		
4. The parameters of sysLocation and sysContact cannot be set correctly using the snmp command with telnet.	;	
<ul><li>5. The controller freezes when a non-existent file is specified for rcp transmission.</li><li>6. Cannot connect to Novel NDS (GFPR #RC02010007):</li></ul>	1.81	
The nearest NetWare Server informs the NIB of the alternate NetWare Server address, where the NDS replica is stored, however the NIB is unable to interprethe message.	:	
Change in Specification: 1. SNMP vulnerability		
SNMP security vulnerabilities reported by CERT on Feb.12, 2002 has been tested using the PROTOS c06-snmpv1 test suite and we have verified the fixes -CERT: http://www.cert.org/advisories/CA-2002-03.html		
-PROTOS c06-snmpv1 test suite : http://www.ee.oulu.fi/research/ouspg/protos/testing/c06/snmpv1/		
2. Some reserved (unused) TCP ports that were open have been closed, e.g. FTF	) <u>.</u>	
Firmware modified to correct the following:		
<ol> <li>No error message is displayed in Netscape Navigator even when an incorrect URL is input in the address bar.</li> </ol>		
2. Up to 32 characters can be input in the NetBEUI configuration screen Comment box, even though specification is 31 characters maximum.		
3. The PS status cannot be displayed using the "stat" command (lpq command for lpr).		
4. If Trap is selected for the Access Type in the SNMP Configuration screen during the snmpd process, communication may be cut off.		
<ol> <li>The NIB does not respond to the "lprm –" command (root directory) from a FreeBSD host computer.</li> </ol>	a 1.79	
6. If an undefined remote printer number is input in the Netware		
configuration page, communication between the NIB and Netware Server will be cut off.		
Change in Specification:		
Two or more print queues can be attached to a single printer object (for further details, refer to TechMail RC010430).		
2. TCP Ports 11021 and 11023 (Design use) have been closed.		



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М	odel: Adonis-C2	Date: 19-Nov-02	No.: R	RB003042
Descriptions				Version
1.	mware modified to correct the following: When using signature level 2 on the NetWare connect to the NetWare Server.			
2.	The printer cannot print more than one job ser on an IBM Main Frame (e.g. OS/390) when the protocol unique to CICS.	e application uses lpd		
3.	The lpd process on the printer is interrupted w with arguments are executed more than 50 tin been turned on.	nes after the printer ha	S	
4.	When trying to access the Web Status Monito via the ipp port, the httpd process is occasional		rinting	
5.	• • • • • • • • • • • • • • • • • • • •			4 77
6.	When the printer is not ready due to an open of is not ready" is not indicated in lpd or stat com		rinter	1.77
7.	When executing the prnlog command designa is indicated.		ition	
8.	Even when the parameter settings changed by written into the NVRAM, no error message is i line.			
9.	The software allows any name to be entered a NetBEUI.	s the computer name	for	
10.	When printing data with 0 byte by rcp, the NIB waiting client PC.	does not respond to t	he	
	No settings are valid with the install shell of Re	edHat Linux Ver.7.1.		
III	ange in Specification:  2-byte code characters cannot be entered for	a device name		
	mware modified to correct the following:	a device name.		
1.	After a communication failure breaks the conn			
	Network Twain driver, the driver is unable to re	e-establish connection		
_	(unless the A-C2 is powered Off/On).	o Monogram IDV Antales		
2.	When 80000000(H) or more is registered in the	•	SS Z	
3.	(Web Status Monitor), the setting is changed t If several print jobs are sent one after another		nort	
∥ J.	of SmartNetMonitor for Client, the NIB termina		•	
	job sent by the standard IPP port may be cano			4.00
4.	The USTATUS information may be lost, deper	•		1.66
	USTATUS is sent during bi-directional commu		oort	
_	9100.	TOD (0400 ) ::		
5.	With bi-directional communication enabled for	•	•	
	operation is inhibited after data is sent from ar not support bi-directional communication (e.g.		aoes	
6.	The IP address 0.0.0.0 can be set by the ifcon			
7.	The wording of the message for saving data a	•	from	
<u> </u>	"datas" to "data".			



IVI	odel. Adollis-62	Date. 19-1100-02	INU R	10003042
	Descriptions			
Ch	Change in Specification:			_
1.	Information such as the IP address and printing added to the syslog file for access restriction.	g protocol (Client PCs	) was	
2.	The display width for the ID of the prnlog comments was expanded from 2 to 10 digits.	nand with telnet, rsh, a	and	
First mass production				

### NFA (Netfile)

Descriptions	Version
Minor program changes for Japanese model only.	2.19
<ul> <li>Note: When using scanner firmware B3615901D, NFA firmware version 2.17 or later should be used.</li> <li>Firmware modified to correct the following: <ol> <li>The MFP stalls when setting the I/O device from two ScanRouter V2 Professional servers at the same time.</li> <li>When setting the I/O device from ScanRouter V2 Professional, the fax delivery settings sometimes disappear.</li> <li>When a print request is issued from the Document server at the MFP or the DeskTopBinder V2 without the correct paper size in the tray, the MFP does not send the error to the operation panel or DeskTopBinder V2, and the MFP does not print the document.</li> </ol> </li> </ul>	2.17
When the machine sends 2 or more files to the Document Server within 1 second (as when sending backed up files just after the Server recovers), the first 2 documents receive the same filename and the first is therefore erased. The software has been modified so that file naming can be controlled at the ms level, preventing the file from being deleted.	1.42.04
First mass production	1.42.02



Model: Adonis-C2			Dat	<b>)ate</b> : 19-Dec-02		No.: RB003044
Subject: Service Card Release History (MFP)				Prepared	l by: к. т	akagi
From: Technical Services sec. Service Planning Dept.						
Classification:	☐ Troubleshooting	☐ Part inf	ormat	tion	☐ Action	required
		☐ Electric	al		☐ Service	e manual revision
	☐ Paper path	☐ Transm	it/rec	eive	☐ Retrof	fit information
	⊠ Other ( )					

This RTB has been issued to announce the firmware release information and downloading procedure for the MFP Service Card. Please refer to each firmware release RTB for details.

#### MFP Service Card

Version	Program No.	C. SUM	Effective Date
1.02	B0045118A	B37C	April 2001 prod.
1.03	B0045118B	B672	July 2001 prod.
1.04	B0045118C	7C19	July 2001 prod.
2.00	B0045118D	9564	October 2001 prod.
2.01	B0045118E	21D8	January 2002 prod.
2.02	B0045118F	BE38	March 2002 prod.
2.03	B0045118G	BC62	June 2002 prod.
2.04	B0045118H	8200	August 2002 prod.
2.05	B0045118J	CAB0	October 2002 prod.
2.07	B0045118K	A077	November 2002 prod.
2.08	B0045118L	CB64	December 2002 prpd.

#### Contents

Contents				
Version		Progra	ms/Versions	
	Printer	Scanner	NCS (NIB)	NFA (Netfile)
1.02	Ver. 1.36	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02
	B3615902	B3615901D	G0585921D	G0585922D
1.03	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02
	B3615902D	B3615901D	G0585921D	G0585922D
1.04	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.04
	B3615902D	B3615901D	G0585921D	G0585922D
2.00	Ver. 3.00	Ver. 2.27	Ver. 1.77	Ver. 2.17
	B3615902E	B3615901E	G0585921E	G0585922F
2.01	Ver. 3.02	Ver. 2.27	Ver. 1.77	Ver. 2.17
	B3615902F	B3615901E	G0585921E	G0585922F
2.02	Ver. 3.05	Ver. 2.27	Ver. 1.79	Ver. 2.19
	B3615902G	B3615901E	G0585921F	G0585922G
2.03	Ver. 3.08	Ver. 2.27	Ver. 1.79	Ver. 2.19
	B3615902H	B3615901E	G0585921F	G0585922G
2.04	Ver. 3.08	Ver. 2.27	Ver. 1.81	Ver. 2.19
	B3615902H	B3615901E	G0585921G	G0585922G
2.05	Ver. 3.09	Ver. 2.27	Ver. 1.81	Ver. 2.19
	B3615902J	B3615901E	G0585921G	G0585922G



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Model: Adonis-C2		Date: 19-Dec-02	No.: RB00304	14	
2.07	Ver. 3.09	Ver. 2.27	Ver. 1.82	Ver. 2.19	
	B3615902J	B3615901E	G0585921H	G0585922G	
2.08	Ver. 3.10	Ver. 2.27	Ver. 1.82	Ver. 2.19	
	B3615902K	B3615901E	G0585921H	G0585922G	

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Firmware Downloading Procedure:

- 1. Insert the 4MB IC card containing the firmware into the controller IC card slot. Then, switch ON the main power.
- 2. Select the firmware that you would like to upgrade, then press "Download".
- 3. After the download has been completed, leave the card in the slot and switch the main power OFF/ON.

#### Printer

	Descriptions	Version
	mware modified to correct the following:	
1.	Response to PJL INFO CONFIG command does not include serial	
	number.	
2.	Incorrect output when printing document through Port 9100 (GFPR#	
	RC02110002).	
3.	The Form Lines setting (PCL menu) is changed when the machine is	
	rebooted (GFPR #RA02090003).	3.10
4.	If a PCL print job is executed after a User Tool function is used, the	
	operation panel may continue displaying "Printing".	
5.	Supports mixed binding orientations with duplex jobs using cover	
	sheets (GFPR# RC02080003).	
6.	When using INIFICO, printing may halt during file processing (GFPR#	
	RE02090012).	
	mware modified to correct the following:	
1.	Line spacing command "lochEsc&l#D"loch causes incorrect output.	
	(GFPR# RC02050002)	
2.	Euro currency symbol is not printed when using the PS driver (refer to	
	RTB #RGENE011 for workaround).	
3.	Slow Printing from AutoCAD (GFPR# RC02070001)	
4.	Bold may not work on some TrueType fonts.	
5.	With some bolded fonts, text characters appear too thick, removing the	
	fine detail.	
	When using bold fonts, short lines may appear around text characters.	3.09
	PJL Echo does not respond correctly. (GFPR# RE02070088)	5.05
	PS print file is printed as text (GFPR# RE02040013).	
9.	CAD print files:	
	- Increased the number of available pen selections from 8 to 256 when	
	BitSw #3-3 is ON (GFPR# RE02030003).	
	- Modified so that the "null" character is ignored when it is included in	
	HP/GL2 data to increase speed (GFPR# RE02050016).	
	- The status flag for the bold selection command is refreshed when it is	
	selected for HP/GL2 data (GFPR# RE02050016).	



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Model: Adonis-C2	Date: 19-Dec-02	No.: RB003044
Descriptions		Version
Firmware modified to correct the following:		V C131011
The "XL ERROR" occurs when specifying sym SETvint (13J) and SETvus (14J) which are recommended in Specification: PCL6: Added symbol sets PC-858, Latin 9 and Euro currency symbol.	not supported in PCLXL.	3.08 ne
Firmware modified to correct the following:		
<ol> <li>When the undefined command, "<esc>&amp;k#w" output as a character string [e.g. as "<esc>&amp;k</esc></esc></li> <li>The punch error is logged in the error repo Bypass Tray under any print job conditions punch unit).</li> </ol>	k6w"]. ort whenever feeding from s (even when not using the	the
<ul> <li>3. When Letterhead is selected as the paper tray icon on the operation panel displays a copies can be made (not permissible by sp.</li> <li>4. When printing in duplex, the last odd page of the last sheet (see FPR reply #OTS-01-</li> </ul>	"2", indicating that Duplex pecification). is printed on the reverse s	3.05
details). Change in Specification: 1. Supports the Status Readback function of 2. PCL5e: Added symbol sets PC-858, Lating the EURO currency symbol.	the PCL5e.	
<ol> <li>Firmware modified to correct the following:</li> <li>A print job received when the machine swit not be printed out.</li> <li>After deleting a locked print document, it is button without selecting any other locked p</li> <li>The operation panel may flicker slightly after settings in the Printer Features window ver for a very short time).</li> </ol>	possible to press the delerint documents. er the operator performs	3.02
<ol> <li>Firmware modified to correct the following:</li> <li>Modified for use with the Capture function.</li> <li>Modified so that the printer controller can determine the data headers of a print job sent with be allowing the machine to switch between the accordingly (PCL/PS). The A-C2 prints easieven if contained in the same file.</li> <li>Some German umlaut characters cannot be following fonts when using the PCL6 drive</li> </ol>	detect the individual codes of the PCL and PS codes, the set 2 PDL emulations of page in its original form the printed out correctly with r on Windows NT4.0/95/9	at, 3.00
Albertus Medium, Antique Olive, Humanst Change in Specification: (Module added for China/Taiwan version).	DZ I B I , ZUIICN BIKEX B I .	2.00.1



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Model: Adonis-C2		Date: 19-Dec-02	No.: R	RB003044
	Descriptions			Version
data is being printed 2. The machine sometir 3. The machine sometir removed from the ou 4. The machine sometir	nes freezes after pressing	ading PCL fonts. ting after the paper is flow. apling and Punching	have	1.36
	rect the following: ot be used with Axis print me) could not be printed o		rinting	1.35
First mass production				1.34

#### Scanner

Scanner	
Descriptions	Version
<ol> <li>Firmware modified to correct the following:         <ol> <li>Software changed so that the original can be placed on the exposure glass just as with copying, i.e. there is no need to turn the original upsidedown (for both directions).</li> </ol> </li> <li>Mixed Original Mode can now be used with the Twain driver ver.3.12. When using this driver, please note the following:         <ol></ol></li></ol>	2.27
Firmware modified to correct the following:  1. The mainframe stalls if it receives the command to store a document while in the process of deleting another document. Application used:  Desktop Binder V2.	
First mass production	2.05

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## Technical Bulletin

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Model: Adonis-C2 Date: 19-Dec-02 No.: RB003044

### NCS (NIB)

Descriptions	Version
Change in Specification:  1. TCP ports can be opened/closed.  NOTE: After making the setting to disable HTTP, you cannot access the target device through web browser. If you want to change the setting, please use telnet to	
open HTTP. When telnet port is disabled, you have to clear the network settings (Memory Clear for NCS) to open the telnet port.	1.82
2. Changed the default setting of DHCP to ON. NOTE: There is no change when updating the firmware. This feature is for the factory default.	
The following items have been fixed:  1. The controller freezes if disconnected while data containing the Readback	
<ul> <li>command is being printed out with ftp/rsh.</li> <li>Display corrected for when the operator tries to execute Spool Printing Job List with SmartNetMonitor for Admin on the A-C2/R-C2: Previous: "Spool printing is not available. Active spool printing from the device or related software" New: "Error 404"</li> </ul>	
<ul><li>3. The Fax Management Tool cannot be used while any of the NIB setting(s) are being changed.</li><li>4. The parameters of sysLocation and sysContact cannot be set correctly using the</li></ul>	
<ul> <li>snmp command with telnet.</li> <li>The controller freezes when a non-existent file is specified for rcp transmission.</li> <li>Cannot connect to Novel NDS (GFPR #RC02010007): The nearest NetWare Server informs the NIB of the alternate NetWare Server address, where the NDS replica is stored, however the NIB is unable to interpret the message.</li> </ul>	1.81
Change in Specification:  1. SNMP vulnerability    SNMP security vulnerabilities reported by CERT on Feb.12, 2002 has been tested using the PROTOS c06-snmpv1 test suite and we have verified the fixesCERT: http://www.cert.org/advisories/CA-2002-03.html -PROTOS c06-snmpv1 test suite : http://www.ee.oulu.fi/research/ouspg/protos/testing/c06/snmpv1/  2. Some reserved (unused) TCP ports that were open have been closed, e.g. FTP.	



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Model: Adonis-C2	Date: 19-Dec-02	No.: RB003044
Descriptions		Version
<ol> <li>Firmware modified to correct the following:         <ol> <li>No error message is displayed in Netscape I incorrect URL is input in the address bar.</li> <li>Up to 32 characters can be input in the NetB Comment box, even though specification is 3.</li> <li>The PS status cannot be displayed using the command for lpr).</li> </ol> </li> <li>If Trap is selected for the Access Type in the during the snmpd process, communication in 5. The NIB does not respond to the "lprm –" co FreeBSD host computer.</li> <li>If an undefined remote printer number is input configuration page, communication between will be cut off.</li> <li>Change in Specification:         <ol> <li>Two or more print queues can be attached to further details, refer to TechMail RC010430)</li> </ol> </li> </ol>	EUI configuration screen 31 characters maximum. e "stat" command (Ipq e SNMP Configuration so hay be cut off. mmand (root directory) f ut in the Netware the NIB and Netware Se	creen from a 1.79
<ol> <li>TCP Ports 11021 and 11023 (Design use) har Firmware modified to correct the following:         <ol> <li>When using signature level 2 on the NetWare connect to the NetWare Server.</li> <li>The printer cannot print more than one jobes on an IBM Main Frame (e.g. OS/390) when protocol unique to CICS.</li> <li>The lpd process on the printer is interrupted with arguments are executed more than 50 been turned on.</li> <li>When trying to access the Web Status Monivia the ipp port, the httpd process is occasions.</li> <li>When there are several messages displayed after a malfunction, Apple Talk protocol is or printing.</li> <li>When the printer is not ready due to an ope is not ready" is not indicated in lpd or statical.</li> <li>When executing the prnlog command designis indicated.</li> <li>Even when the parameter settings changed written into the NVRAM, no error message is line.</li> <li>The software allows any name to be entered NetBEUI.</li> <li>When printing data with 0 byte by rcp, the Naviting client PC.</li> <li>No settings are valid with the install shell of</li> <li>No settings are valid with the install shell of</li> <li>Westings are valid with the install shell of</li></ol></li></ol>	re Server, the printer door sent from a CICS application uses Ipd when Ipq/Iprm commantimes after the printer had for for a printer during propally interrupted. It is such as error message casionally interrupted of the cover, the message "Pommand." In ate job ID 0, no informate indicated as a command as the computer name IIB does not respond to the contract of the computer of the	ds as rinting es uring 1.77 Printer ation ssfully and for



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Model: Adonis-C2 Date: 19-Dec-02 No.: RB003044

171	Juci. Adomis-02	Date: 19-Dec-02	1101	D0030 <del>44</del>
	Descriptions			Version
Ch	ange in Specification:			
	2-byte code characters cannot be entered for a	device name.		
Fir	nware modified to correct the following:			
1.	After a communication failure breaks the conne			
	Network Twain driver, the driver is unable to re	-establish connection		
2	(unless the A-C2 is powered Off/On).	Nanagar IDV Addra	0	
2.	When 80000000(H) or more is registered in the (Web Status Monitor), the setting is changed to	•	SS Z	
3.	If several print jobs are sent one after another	-	nort	
0.	of SmartNetMonitor for Client, the NIB terminal			
	job sent by the standard IPP port may be cancel			
4.	The USTATUS information may be lost, depen	,		
	USTATUS is sent during bi-directional commun	nication over TCP/IP إ	oort	
	9100.			1.66
5.	With bi-directional communication enabled for			
	operation is inhibited after data is sent from an		does	
6	not support bi-directional communication (e.g. l			
6. 7.	The IP address 0.0.0.0 can be set by the ifcont		from	
7. The wording of the message for saving data at logoff was corrected from "datas" to "data".				
Change in Specification:				
1.	Information such as the IP address and printing	g protocol (Client PCs	) was	
	added to the syslog file for access restriction.			
2. The display width for the ID of the prnlog command with telnet, rsh, and			and	
	ftp was expanded from 2 to 10 digits.			
Fire	st mass production			1.61



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 Ulletin
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 Date: 19-Dec-02
 No.: RB003044

### NFA (Netfile)

Descriptions	Version
Minor program changes for Japanese model only.	2.19
<ul> <li>Note: When using scanner firmware B3615901D, NFA firmware version 2.17 or later should be used.</li> <li>Firmware modified to correct the following: <ol> <li>The MFP stalls when setting the I/O device from two ScanRouter V2 Professional servers at the same time.</li> <li>When setting the I/O device from ScanRouter V2 Professional, the fax delivery settings sometimes disappear.</li> <li>When a print request is issued from the Document server at the MFP or the DeskTopBinder V2 without the correct paper size in the tray, the MFP does not send the error to the operation panel or DeskTopBinder V2, and the MFP does not print the document.</li> </ol> </li> </ul>	2.17
When the machine sends 2 or more files to the Document Server within 1 second (as when sending backed up files just after the Server recovers), the first 2 documents receive the same filename and the first is therefore erased. The software has been modified so that file naming can be controlled at the ms level, preventing the file from being deleted.	1.42.04
First mass production	1.42.02

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Model: General	Dat	e: 27-Dec-02	2	No.: RGene012		
Subject: GW Pro		Prepared I	oy: T. It	oh		
From: Technical Services Sec. Service Planning Dept.						
Classification:		☐ Part info	ormat	tion	Action	required
	☐ Mechanical ☐ Electric		al		] Servic	e manual revision
☐ Paper path ☐ Transmi		it/rec	eive	Retrof	it information	
	Other (					

#### **SYMPTOM**

When the main switch is turned on, the error message "Hardware Ethernet Problem" may be displayed under the following condition on the GW-based products.

#### Conditions:

- Network speed on the hub has been set to 100Mbps fixed with full duplex, and
- Length of network cable is too long (60 m or more) or the cable quality is not good enough

#### **CAUSE**

When the main switch is turned on, the machine performs a loop-back test. If the cable length is too long or its quality is not good enough, the damping factor for the data transmission becomes worse, and the machine incorrectly detects an error during this test. This happens only when the network speed is set to 100Mbps fixed with full duplex. The PHY chip used on the controller board causes this.

#### **SOLUTION**

- Temporary Solution -
- Set the network speed on the hub to Auto-sensing,
- Use a shorter cable or a cable with a lower damping factor, or
- Disconnect the network cable and power on the printer; then, set the cable after the printer comes to the ready condition.
- Permanent Solution -

The controller firmware will be modified to avoid the incorrect detection of this error message. The schedule of firmware modification is as follows.

Product Type	Product	Firmware Modification
		Cut-in Schedule
Fax	Kaiser 3	at next modification
Printer	Model-K P1	
	Model-K P2	
	Model-J P1b	
	Model-J CF	
	Model-U P1e	'03 January production run
	Model-A P3	'03 March production run
MFP	Model-R C2	at next modification run
	Model-A C2	
	Model-M C1	
	Model-U C1	'03 February production run

#### NOTE:

Firmware will be posted in the usual manner when it is released.

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Classification:

Subject: Service Card Release History (MFP)

From: Technical Services Sec. Service Planning Dept. ☐ Troubleshooting

☐ Mechanical

☐ Paper path

Other (

### Technical Bulletin

	Date: 31-Mar-03		No.: RB003046	
Prepared by: K		d by: к. т	「akagi	
Dept.				
☐ Part information		☐ Action required		
☐ Electrical		☐ Service manual revision		

☐ Retrofit information

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This RTB has been issued to announce the firmware release information and downloading procedure for the MFP Service Card. Please refer to each firmware release RTB for details.

☐ Transmit/receive

#### MFP Service Card

Version	Program No.	C. SUM	Effective Date
1.02	B0045118A	B37C	April 2001 prod.
1.03	B0045118B	B672	July 2001 prod.
1.04	B0045118C	7C19	July 2001 prod.
2.00	B0045118D	9564	October 2001 prod.
2.01	B0045118E	21D8	January 2002 prod.
2.02	B0045118F	BE38	March 2002 prod.
2.03	B0045118G	BC62	June 2002 prod.
2.04	B0045118H	8200	August 2002 prod.
2.05	B0045118J	CAB0	October 2002 prod.
2.07	B0045118K	A077	November 2002 prod.
2.08	B0045118L	CB64	December 2002 prod.
2.09	B0045118M	667B	March 2003 prod.

#### Contents

Version	Programs/Versions				
	Printer	Scanner	NCS (NIB)	NFA (Netfile)	
1.02	Ver. 1.36	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02	
	B3615902	B3615901D	G0585921D	G0585922D	
1.03	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.02	
	B3615902D	B3615901D	G0585921D	G0585922D	
1.04	Ver. 2.00.1	Ver. 2.07	Ver. 1.66.1	Ver. 1.42.04	
	B3615902D	B3615901D	G0585921D	G0585922D	
2.00	Ver. 3.00	Ver. 2.27	Ver. 1.77	Ver. 2.17	
	B3615902E	B3615901E	G0585921E	G0585922F	
2.01	Ver. 3.02	Ver. 2.27	Ver. 1.77	Ver. 2.17	
	B3615902F	B3615901E	G0585921E	G0585922F	
2.02	Ver. 3.05	Ver. 2.27	Ver. 1.79	Ver. 2.19	
	B3615902G	B3615901E	G0585921F	G0585922G	
2.03	Ver. 3.08	Ver. 2.27	Ver. 1.79	Ver. 2.19	
	B3615902H	B3615901E	G0585921F	G0585922G	
2.04	Ver. 3.08	Ver. 2.27	Ver. 1.81	Ver. 2.19	
	B3615902H	B3615901E	G0585921G	G0585922G	

# RIGOH

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Model: Ad	lonis-C2	Date: 31-Mar-0	3 No.: RB003046		
2.05	.05 Ver. 3.09 Ver. 2.27 Ver. 1.81 Ver. 2.		Ver. 2.19		
	B3615902J	B3615901E	G0585921G	G0585922G	
2.07	Ver. 3.09	Ver. 2.27	Ver. 1.82	Ver. 2.19	
	B3615902J	B3615901E	G0585921H	G0585922G	
2.08	Ver. 3.10	Ver. 2.27	Ver. 1.82	Ver. 2.19	
	B3615902K	B3615901E	G0585921H	G0585922G	
<b>2.09 Ver. 3.11</b> Ver. 2.27 Ver. 1.82		Ver. 2.19			
	B3615902L	B3615901E	G0585921H	G0585922G	

#### Firmware Downloading Procedure:

- 1. Insert the 4MB IC card containing the firmware into the controller IC card slot. Then, switch ON the main power.
- 2. Select the firmware that you would like to upgrade, then press "Download".
- 3. After the download has been completed, leave the card in the slot and switch the main power OFF/ON.

#### Printer

	Descriptions	Version
<ol> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> <li>6.</li> </ol>	The document is printed out to the default output tray, even if the output tray is specified as Mailbox bin 8 (GFPR#RE02100002).  Barcodes appear separated (shifted) (GFPR#RE03010016).  Downloaded PCL Barcode fonts are not printed correctly on the PCL font list (GFPR#RC03010004).  Incorrect binding position with duplex printing.  Duplex printing does not function when using the "PageLength" command (GFPR#RC02120014).  Selecting HDD fonts may reduce the available memory.  Supports SAP Barcode & OCR printing.	3.11
<ol> <li>1.</li> <li>2.</li> <li>3.</li> <li>4.</li> <li>5.</li> </ol>	rmware modified to correct the following: Response to PJL INFO CONFIG command does not include serial number. Incorrect output when printing document through Port 9100 (GFPR# RC02110002). The Form Lines setting (PCL menu) is changed when the machine is rebooted (GFPR #RA02090003). If a PCL print job is executed after a User Tool function is used, the operation panel may continue displaying "Printing". Supports mixed binding orientations with duplex jobs using cover sheets (GFPR# RC02080003). When using INIFICO, printing may halt during file processing (GFPR# RE02090012).	3.10



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Model: Adonis-C2	Date: 31-Mar-03	No.: RB003046	
Descriptions		Version	
<ol> <li>Firmware modified to correct the following:</li> <li>Line spacing command "lochEsc&amp;l#D"loch of (GFPR# RC02050002)</li> <li>Euro currency symbol is not printed when us RTB #RGENE011 for workaround).</li> <li>Slow Printing from AutoCAD (GFPR# RC0204.</li> <li>Bold may not work on some TrueType fonts.</li> <li>With some bolded fonts, text characters app</li> </ol>	sing the PS driver (refer to 070001)		
fine detail. 6. When using bold fonts, short lines may apper 7. PJL Echo does not respond correctly. (GFPI 8. PS print file is printed as text (GFPR# RE02 9. CAD print files:	ear around text character R# RE02070088) 040013).	rs. 3.09	
<ul> <li>Increased the number of available pen selections from 8 to 256 when BitSw #3-3 is ON (GFPR# RE02030003).</li> <li>Modified so that the "null" character is ignored when it is included in HP/GL2 data to increase speed (GFPR# RE02050016).</li> <li>The status flag for the bold selection command is refreshed when it is selected for HP/GL2 data (GFPR# RE02050016).</li> </ul>			
Firmware modified to correct the following: The "XL ERROR" occurs when specifying symbols SETvint (13J) and SETvus (14J) which are not change in Specification: PCL6: Added symbol sets PC-858, Latin 9 and Euro currency symbol.	ot supported in PCLXL.	3.08 he	
Firmware modified to correct the following:  1. When the undefined command, " <esc>&amp;k#w" i output as a character string [e.g. as "<esc>&amp;k6  2. The punch error is logged in the error report</esc></esc>	w"].		
Bypass Tray under any print job conditions (punch unit).  3. When Letterhead is selected as the paper ty	even when not using the ope for the Bypass tray, t	the	
tray icon on the operation panel displays a "copies can be made (not permissible by spet). When printing in duplex, the last odd page is of the last sheet (see FPR reply #OTS-01-20 details).  Change in Specification:	ecification). s printed on the reverse	side 3.05	
<ol> <li>Supports the Status Readback function of th</li> <li>PCL5e: Added symbol sets PC-858, Latin 9 the EURO currency symbol.</li> </ol>		/ of	



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Model: Adonis-C2	Date: 31-Mar-03	No.: RB003046
Descriptions		Version
<ol> <li>Firmware modified to correct the following:</li> <li>A print job received when the machine switched not be printed out.</li> <li>After deleting a locked print document, it is postution without selecting any other locked print</li> <li>The operation panel may flicker slightly after the settings in the Printer Features window very quefor a very short time).</li> </ol>	ssible to press the dele documents. ne operator performs	ete 3.02
<ol> <li>Firmware modified to correct the following:</li> <li>Modified for use with the Capture function.</li> <li>Modified so that the printer controller can deter the data headers of a print job sent with both allowing the machine to switch between the 2 accordingly (PCL/PS). The A-C2 prints each peven if contained in the same file.</li> <li>Some German umlaut characters cannot be prollowing fonts when using the PCL6 driver or Albertus Medium, Antique Olive, Humanst521</li> </ol>	PCL and PS codes, the PDL emulations page in its original form rinted out correctly with Windows NT4.0/95/9	nat, 3.00 th the 98/Me:
Change in Specification: (Module added for China/Taiwan version).		2.00.1
<ol> <li>Firmware modified to correct the following:</li> <li>The machine sometimes freezes after pressindata is being printed out (PCL).</li> <li>The machine sometimes freezes while downlows:</li> <li>The machine sometimes does not re-start printer removed from the output tray following an overall.</li> <li>The machine sometimes freezes when both States been selected from the driver for a paper size is permitted.</li> </ol>	pading PCL fonts.  Inting after the paper is erflow.  Itapling and Punching	1.36 have
Firmware modified to correct the following:  1. The machine could not be used with Axis prin  2. Part of print data (frame) could not be printed in PCL 6.		rinting 1.35
First mass production		1.34



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### Scanner

Descriptions	Version
<ol> <li>Software changed so that the original can be placed on the exposure glass just as with copying, i.e. there is no need to turn the original upsidedown (for both directions).</li> <li>Wer. 2. 07 (B3615901D)</li> <li>Wer. 2. 27 (B3615901E)</li> </ol> 2. Mixed Original Mode can now be used with the Twain driver ver.3.12. When using this driver, please note the following: <ol> <li>Be sure to use Netfile software ver.2.17 or newer.</li> <li>Also, be sure to install ADF ROM ver.1.76 or newer, as older versions will cause image stretching along the sub-scan direction with 425dpi and 555-557dpi scanning.</li> </ol>	2.27
Firmware modified to correct the following:  1. The mainframe stalls if it receives the command to store a document while in the process of deleting another document. Application used:  Desktop Binder V2.	
First mass production	2.05



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### NCS (NIB)

Change in Specification:  1. TCP ports can be opened/closed.	
1. TCP ports can be opened/closed.	
NOTE: After making the setting to disable HTTP, you cannot access the target device through web browser. If you want to change the setting, please use telnet to open HTTP.	
When telnet port is disabled, you have to clear the network settings (Memory Clear for NCS) to open the telnet port.	1.82
Changed the default setting of DHCP to ON.     NOTE: There is no change when updating the firmware. This feature is for the factory default.	
The following items have been fixed:  1. The controller freezes if disconnected while data containing the Readback	
command is being printed out with ftp/rsh.	
Display corrected for when the operator tries to execute Spool Printing Job List with SmartNetMonitor for Admin on the A-C2/R-C2:	
Previous: "Spool printing is not available. Active spool printing from the device or related software"	
New: "Error 404"  3. The Fax Management Tool cannot be used while any of the NIB setting(s) are being changed.	
The parameters of sysLocation and sysContact cannot be set correctly using the snmp command with telnet.	
<ul><li>5. The controller freezes when a non-existent file is specified for rcp transmission.</li><li>6. Cannot connect to Novel NDS (GFPR #RC02010007):</li></ul>	1.81
The nearest NetWare Server informs the NIB of the alternate NetWare Server address, where the NDS replica is stored, however the NIB is unable to interpret	
the message.	
Change in Specification:	
SNMP vulnerability     SNMP security vulnerabilities reported by CERT on Feb.12, 2002 has been tested using the PROTOS c06-snmpv1 test suite and we have verified the fixes.  -CERT: http://www.cert.org/advisories/CA-2002-03.html -PROTOS c06-snmpv1 test suite	
: http://www.ee.oulu.fi/research/ouspg/protos/testing/c06/snmpv1/  2. Some reserved (unused) TCP ports that were open have been closed, e.g. FTP.	



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Model: Adonis-C2	Date: 31-Mar-03	No.: RB003046
Descriptions		Version
<ol> <li>Firmware modified to correct the following:         <ol> <li>No error message is displayed in Netscape I incorrect URL is input in the address bar.</li> <li>Up to 32 characters can be input in the NetB Comment box, even though specification is 3.</li> <li>The PS status cannot be displayed using the command for Ipr).</li> </ol> </li> <li>If Trap is selected for the Access Type in the during the snmpd process, communication in 5. The NIB does not respond to the "Iprm —" co FreeBSD host computer.</li> <li>If an undefined remote printer number is input configuration page, communication between will be cut off.</li> <li>Change in Specification:         <ol> <li>Two or more print queues can be attached to further details, refer to TechMail RC010430)</li> </ol> </li> </ol>	BEUI configuration screen 31 characters maximum. e "stat" command (Ipq e SNMP Configuration so hay be cut off. mmand (root directory) fout in the Netware the NIB and Netware Second a single printer object (	ereen 1.79
<ol> <li>TCP Ports 11021 and 11023 (Design use) har Firmware modified to correct the following:         <ol> <li>When using signature level 2 on the NetWare connect to the NetWare Server.</li> <li>The printer cannot print more than one jobes on an IBM Main Frame (e.g. OS/390) when protocol unique to CICS.</li> <li>The Ipd process on the printer is interrupted with arguments are executed more than 50 been turned on.</li> <li>When trying to access the Web Status Monvia the ipp port, the httpd process is occasions.</li> <li>When there are several messages displayed after a malfunction, Apple Talk protocol is oprinting.</li> <li>When the printer is not ready due to an oped is not ready" is not indicated in Ipd or stated.</li> <li>When executing the prnlog command design is indicated.</li> <li>Even when the parameter settings changed written into the NVRAM, no error message is line.</li> <li>The software allows any name to be entered NetBEUI.</li> <li>When printing data with 0 byte by rcp, the New waiting client PC.</li> <li>No settings are valid with the install shell of</li> <li>No settings are valid with the install shell of</li> <li>Wen settings are valid with the install shell of</li> <li>Wen settings are valid with the install shell of</li> <li>Wen settings are valid with the install shell of</li> <li>Wen settings are valid with the install shell of</li> <li>Wen settings are valid with the install shell of</li> <li>Wen settings are valid with the install shell of</li> <li>Wen settings are valid with the install shell of</li> <li>Wen settings are valid with the install shell of</li> <li>Wen settings a</li></ol></li></ol>	re Server, the printer does the application uses lpd when lpq/lprm commantimes after the printer has itor for a printer during propally interrupted. It is a serror message casionally interrupted described in cover, the message "Pommand." In the printer are not success indicated as a command as the computer name to the server of the server are not success indicated as a command as the computer name to the server appears to the server app	ds as rinting es uring 1.77 trinter ation esfully and for



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М	Model: Adonis-C2 Date: 31-Mar-03 No.: R		RB003046	
	Descriptions			Version
Ch	ange in Specification:			
1.	2-byte code characters cannot be entered for a	device name.		
Fir	mware modified to correct the following:			
1.	After a communication failure breaks the conne			
	Network Twain driver, the driver is unable to re	-establish connection		
_	(unless the A-C2 is powered Off/On).			
2.	When 80000000(H) or more is registered in the		ss 2	
2	(Web Status Monitor), the setting is changed to		port	
3.	If several print jobs are sent one after another to SmartNetMonitor for Client, the NIB terminat		•	
	job sent by the standard IPP port may be cance		11111	
4.	The USTATUS information may be lost, dependent	,		
	USTATUS is sent during bi-directional commun		ort	
	9100.			1.66
5.	With bi-directional communication enabled for	TCP port 9100, printir	ıg	
	operation is inhibited after data is sent from an	application utility that	does	
	not support bi-directional communication (e.g. l			
6.	The IP address 0.0.0.0 can be set by the ifconf			
7.	The wording of the message for saving data at	logoff was corrected	from	
	"datas" to "data".			
II	ange in Specification:	1 1/0" 1 00		
1.	Information such as the IP address and printing	g protocol (Client PCs	) was	
2	added to the syslog file for access restriction.	and with talnot rab	and	
2.	The display width for the ID of the prnlog comments ftp was expanded from 2 to 10 digits.	ianu with temet, ISH, a	ariu	
Fire	st mass production			1.61



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### NFA (Netfile)

Descriptions	Version
Minor program changes for Japanese model only.	2.19
<ul> <li>Note: When using scanner firmware B3615901D, NFA firmware version 2.17 or later should be used.</li> <li>Firmware modified to correct the following: <ol> <li>The MFP stalls when setting the I/O device from two ScanRouter V2 Professional servers at the same time.</li> <li>When setting the I/O device from ScanRouter V2 Professional, the fax delivery settings sometimes disappear.</li> <li>When a print request is issued from the Document server at the MFP or the DeskTopBinder V2 without the correct paper size in the tray, the MFP does not send the error to the operation panel or DeskTopBinder V2, and the MFP does not print the document.</li> </ol> </li> </ul>	2.17
When the machine sends 2 or more files to the Document Server within 1 second (as when sending backed up files just after the Server recovers), the first 2 documents receive the same filename and the first is therefore erased. The software has been modified so that file naming can be controlled at the ms level, preventing the file from being deleted.	1.42.04
First mass production	1.42.02