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*** Basic Information ***
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[Create date] 2017/04/03

[Program Name] OpePanel.EXP

[Version] 1.24

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D1171491P

[File Information]

File Name D1171491P.fwu

File Type Module for Service

Size 43.63 MB (45747076 byte)

[File Information]

File Name D1171491P.rfu

File Type Module for Remote Upgrade

Size 43.63 MB (45752576 byte)

[Production reflection] 2017/04

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*** Note ***
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[Note]

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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

Symptom Corrected:

- SC899 may occur when sending FAX.

[Modification history]

Version 1.23

Other changes:

- Added support for adhering to the Lot 6 regulation of the EU in European devices.

Version 1.22

Symptom corrected

Slow response of the operation panel.

Version 1.21

Other changes:

1. A login screen is displayed at power ON, which requires the Administrator or Supervisor to set a password in cases where this password has not been set yet.
2. The touch response of the LCD touch screen has been improved.

Version 1.20

Symptom corrected:

Minor bug correction.

Version 1.19

Symptom corrected:

1. The [Job List] button appears blank when the display language is not set to English.
2. Translation error (Greek only):
Correct: The data currently inside the machine is not encrypted.
Incorrect: The data currently inside the machine is encrypted.

Version 1.16

Symptom corrected:

1. The LCD is completely blank when the machine is turned on, except for the "Please wait" message.
2. Wording corrections: Portuguese, Simplified Chinese, Traditional

Chinese, French, Spanish.

Other changes:

"American English" was changed to "English" in the Languages menu.

Version 1.14

1st Mass production

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*** Basic Information ***
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[Create date] 2017/04/12

[Program Name] browser

[Version] 1.07.0

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(ja,en,gb,f,e,d,i,nl,s,n,dk,sf,p,pl,h,cz,ru,sc,tc,br,tr,ca)

[Firmware No.] D6565412E

[File Information]

File Name D6565412E.fwu

File Type Module for Service

Size 11.74 MB (12313700 byte)

[File Information]

File Name D6565412E.rfu

File Type Module for Remote Upgrade

Size 11.75 MB (12321024 byte)

[Production reflection] 2017/04

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*** Note ***
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[Note]

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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

Symptom corrected:

SC899

[Modification history]

Version 1.06.0

Symptom corrected:

1. After trying to view a webpage that is not supported by the browser on the operation panel, it might take approximately one minute before other, supported webpages can be viewed.
2. When connecting via HTTPS to the Ricoh Integrated Cloud Environment by using the browser on the operation panel, some of the icons might not be displayed.
Ricoch Integrated Cloud Environment is a local RAC solution.
3. When using specific proxy servers, the error "400 – Bad Request" might occur in the web browser on the operation panel and access to the Internet might be restricted.
4. When "Extended JavaScript" in "Browser Features" is set to Active and a scan is conducted on a particular webpage, the device might stall.
5. When viewing a particular webpage, the following symptoms might occur:
 - When loading a webpage, an SC899 error might occur.
 - If a memory leak occurs when a webpage is loading, a memory error might appear on the operation panel.
 - Text on a webpage might be garbled or might not appear.
 - After a webpage is completely loaded, it might be blank.
 - When viewing the manual from the Ricoh homepage, images appear but text might not be displayed.
 - When the loading of a webpage does not end, the browser icon might continue to flash.
 - If JavaScript is not working properly, then the webpage might not render as expected.

Version 1.05.0

Symptom corrected:

1. A security warning dialog is displayed even if an effective server certification is installed.
2. Japanese is displayed on the website which uses Accept-Language of the HTTP protocol.

Version 1.04.0

Symptom corrected:

1. A warning dialog is displayed whenever the self-signed

certificate page is opened.

2. IC cards needs to be placed on the reader twice.
3. Transmission of an image from an EXJS application to the server fails.
4. The vertical scroll bar is always displayed.
5. Other minor bug corrections.

Version 1.03.0

1st Mass production

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*** Basic Information ***
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[Create date] 2017/04/12

[Program Name] EXJS

[Version] 1.18.00

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D6565413F

[File Information]

File Name D6565413F.exe

File Type Module for Service

Size 10.86 MB (11386744 byte)

Check Sum -8Bit Sum: 98E2

 -16Bit Sum(Little Endian): 1858

 -16Bit Sum(Big Endian): 628A

[Production reflection]

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*** Note ***
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[Note]

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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

Symptom corrected:

SC899 may occur when the user starts up the MFP browser.

[Modification history]

Version 1.17.00

Symptom corrected

SC899 occurs when a character string containing "%s" is exported to the debug log.

Version 1.16.00

Symptom corrected:

Cannot scan using the MFP Browser when the platen cover is open.

Version 1.15.00

Symptom corrected:

1. The value of the rotation correction angle in the bodyInfo.xml of the JPEG image is incorrect.
2. Sending cannot be cancelled after a jam is cleared.

Version 1.03.00

Symptom corrected:

1. Machine Administrators are able to use functions that are normally reserved for general users.
2. The user ID and password (User Authentication) appear in the URL column of the Scan Sending Log.
3. The machine cannot detect the postcard-sized originals.
4. The machine may stall when the user scans a nonstandard sized document for storage to the machine hard drive using the browser.
5. The machine may stall if the user presses the Stop key immediately after starting a scan job using the browser.
6. Deletion of some scanned Document Server data fails.
7. The machine may stall if the total size of the downloaded data is exactly 500MB.
8. Documents cannot be scanned using the browser while the machine is printing.
9. Some wording corrections were applied.
10. The first scanning job after the power is turned ON fails if the user does not set the parameters.
11. The machine fails to switch to Energy Saver mode while the "Print?" dialog is displayed after the user touches the PDF link button.
12. Other minor bug corrections were applied.

Other changes:

1. The file name for multi-page PDF files sent using the browser was changed as follows:
Old: Both B/W and full-color modes used "****.pdf".
New: B/W mode will use "****_mono.pdf", and full-color mode will use "****_r.pdf".
2. When authentication is enabled, the user only needs to log-in once in order to use the browser function.
Note: Previously, users were required to log-in twice.
3. The serial number of the IC card can be read by the IC card reader and browser option.

Specification version: 2.03

browser version: 1.04.0

EXJS version: 1.03.00

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*** Basic Information ***
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[Create date] 2018/04/27

[Program Name] Scanner

[Version] 02.03

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D1175426J

[File Information]

File Name D1175426J.fwu

File Type Module for Service

Size 1.33 MB (1396136 byte)

[File Information]

File Name D1175426J.rfu

File Type Module for Remote Upgrade

Size 1.34 MB (1401088 byte)

[Availability of RFU] Yes

[Production reflection] 2018/04

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[Note]

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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

Rank C

Other changes:

Newly added SMBv2/v3 support.

This firmware is dependent on the following firmware modules. Please be sure to update all of them:

- System/Copy v4.12 (D1175437C)
- Network Support v12.36 (D1175430Q)
- Web Support v1.14 (D1175427M)
- Scanner v02.03 (D1175426J)

Please refer to the RTB(No.RGene095) for details.

[Modification history]

Version 02.02

Symptom corrected:

Scan to E-mail might fail even if the email size is 44,300 KB or less when the following conditions are met:

- The HDD is not installed.
- "Scanner Features" > "Send Settings" > "Max. E-mail Size" is set to "On", and the size is set to 44,301 KB or more.

This firmware is dependent on the following firmware modules. Please be sure to update all of them:

- System/Copy firmware v4.03(D1175421T) or later
- WebUapl firmware v1.09(D1175428F) or later

Version 02.01

Error Correction

- When using Scan to E-mail under specific condition, Job history might not be stored in the machine.

Version 01.07

Symptom corrected:

1. The machine stalls if the user clicks Run Export in the Device Setting Information: Export (Memory Storage Device) option of Administrator Tools in System Settings in a language environment that is not in English or Japanese.
2. When changing the configuration in the Initial Settings screen or Web Image Monitor, a message appears, stating that the settings for each application's configuration were reset even though the appropriate settings were applied.

Version 01.06

Symptom corrected:

Only the admin is able to add/remove Copier or Scanner icons
from the Home screen using "Program to Home".

Version 01.05

Symptom corrected:

Minor bug corrections were applied.

Version 01.04

1st Mass production

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***** Basic Information *****
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[Create date] 2019/03/29

[Program Name] Web Support

[Version] 1.15

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D1175427N

[File Information]

File Name D1175427N.fwu

File Type Module for Service

Size 5.32 MB (5578516 byte)

[File Information]

File Name D1175427N.rfu

File Type Module for Remote Upgrade

Size 5.32 MB (5583104 byte)

[Availability of RFU] Yes

[Production reflection] 2019/04

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***** Note *****
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[Note]

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***** Important Notes *****
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[Important Notes]

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***** Modification History *****
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[Modifications made:]

Rank C

Symptom corrected:

- The XSS vulnerability of screens in the Address Book that was pointed out in CVE-2018-15884 has been fixed.
- Ricoh devices already had a countermeasure to protect against the CSRF vulnerability pointed out in CVE-2018-15884.

[Modification history]

Version 1.14

Rank C

Other changes:

- Newly added SMBv2/v3 support.
This firmware is dependent on the following firmware modules.
Please be sure to update all of them:
 - System/Copy v4.12 (D1175437C)
 - Network Support v12.36 (D1175430Q)
 - Web Support v1.14 (D1175427M)
 - Scanner v02.03 (D1175426J)Please refer to the RTB(No.RGene095) for details.

Version 1.13

Other changes:

- Added support for adhering to the Lot 6 regulation of the EU in European devices.

Version 1.12

Other changes:

- In SLNX v2.3.0 or later, the printer accounting method will be changed to match the MFP specifications in SLNX.

Version 1.11.1

Symptom corrected:

1. When using the web development tools like Firebug in Web Image Monitor, users who do not have the authority of editing might even be able to edit the administrative privileges of each.
2. When starting Web Image Monitor in Internet Explorer 10 and changing the window size and page size in the user login screen, the login button might not be pressable.

Version 1.06.1

Symptom Corrected:

The following problems occur in Web Image Monitor when using Windows Internet Explorer 10:

- Cannot select, drag, delete, or move icons in Device Management > Device Home Management > Edit Icons.
- Cannot drag selected items or display or hide items in Device Management > Address Book > Maintenance > Items Displayed in Address List.
- When adding icons in Device Management > Device Home Management > Edit Icons, the column headings of the table are out of alignment.
- When adding a user in Device Management > Address Book > Address List (Display All Items), the column headings of the table are out of alignment.

Version 1.06

Symptom corrected:

Administrators cannot edit a user's Fax Destination by using the Wizard Method in the Web Image Monitor.

Version 1.05

Symptom corrected:

1. Even using a valid image file, errors occur when an image is added to the Home Screen (Device Management > Device Home Management > Home Screen Settings > Insert Image).
2. If the device encounters an unrecoverable error, the unrecoverable error will not be displayed in WIM. WIM will show the device status as "OK".
3. If an SDK is selected as the operation panel's priority function (WIM > Configuration > Function Key Allocation/Function Priority > Function Priority), the Copier screen will be the operation panel's priority function instead of the selected SDK application.

Version 1.04

Symptom corrected:

Users that were added to the addressbook by logging in to a device using Card Authentication Package v2 will not be able to edit their Home Screen icons.

Version 1.03

Symptom corrected:

1. Duplex can be enabled for trays containing paper sizes and paper types that are not supported with duplex printing.
2. Giving a user access to an SDK application (via Available Functions) results in an immediate error on the web browser.
3. If the "Device Setting Information Export" function fails to completely export device settings due to insufficient space on the SD card, the next time the function is tried, it will start from the point where it failed the previous time and display the message "Export completed " afterward.
4. The Auto-logout timer successfully logged users out of WIM, but did not show them a message saying that they had been

automatically logged out. Instead a blank page was shown in the browser.

5. Various wording mistakes.

Version 1.02

1st Mass production

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*** Basic Information ***
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[Create date] 2019/04/01

[Program Name] PCL

[Version] 1.15

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D1175434L

[File Information]

File Name D1175434L.fwu

File Type Module for Service

Size 1.35 MB (1414572 byte)

[File Information]

File Name D1175434L.rfu

File Type Module for Remote Upgrade

Size 1.36 MB (1421568 byte)

[Availability of RFU] Yes

[Production reflection] 2019/04

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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

Rank C

Symptom corrected:

- The printing results of the second and subsequent pages might not be as expected while PCL5 host printing.

[Modification history]

Version 1.14

Symptom corrected:

1. The image quality output from PCL5 data might be poor if the image was created by using certain applications, such as RICOH ProcessDirector. (GFPR#RE15030034)
2. An SC899 error occurs when using the PCL6 driver to print a PDF from the Reader application in Windows 8.1. (GFPR#RA15050002)
3. Some lines of text and/or dotted lines might be missing when using the PCL overlay macro. (GFPR#RC16040013)
4. When characters that contain the incorrect TrueType font data are printed, not only are incorrect characters missing but also are correct characters that follow incorrect characters. (GFPR#RE16030046)

Version 1.13

Symptom corrected:

An SC899 error might occur when printing a PCL job which contains reduce or enlarge image. (GFPR#RE16020028)

Version 1.12

Symptom corrected:

If a raster image is specified in the PCL6 driver to be reduced, be enlarged, or undergo N-up printing, unexpected white lines might appear in the printout. (GFPR#RA14080005, GFPR#RA14110005)

Version 1.11

Symptom corrected:

1. Using a bitmap font might result in jobs being cancelled. (GFPR#RE13100030)
2. Transparencies might be blacked out of printed pages. (GFPR#RE13040026)
3. PCL jobs with a specified clip range might print unnecessary 1-pixel width lines on the printout.
4. When printing an N-up PCL6 job by using a printer driver that is for Windows 8 or a later Windows operating system, some characters are missing.
5. If an image size is big and has been enlarged by using the "Reduce/Enlarge" option in the PCL6 driver, unexpected white lines might appear in the printout.
6. If a transparent drawing command is included in a color PCL job, some parts might be printed in blue. (GFPR#RE13080007, GFPR#RE14080009, GFPR#RE14090014, GFPR#RE14100046, GFPR#RE14110035)
7. When printing a PCL5 host-printing job in which 32,000 or more of the fill

- patterns are specified, the device will stall.
8. If a PCL5 job is printed under certain conditions related to the font header information when using host printing, PCL default fonts are used. (GFPR#RE14100009)

Version 1.10

Symptom corrected:

1. Text in duplex PCL jobs are shifted and therefore overlap other text when the data is subjected to both of the following conditions:
 - Specify the frontside of the page by using the <Esc>&a1G command when the current page is the backside.
 - The offset command <ESC>&l#U or <ESC>&l#Z is used after the drawing command is specified.(GFPR#RC13060012, GFPR#RE14010003)
2. When printing PCL5 jobs that include a scalable font, an SC899 error occurs or the device automatically reboots when fonts have exceeded the 256-character limit available for download. (GFPR#RE14020003)
3. If a user who has only black-and-white-printing privileges prints the stored color data in monochrome and if the specified paper size is not set in the input tray, the printing will be cancelled.
4. If the glyph data of TrueType fonts includes hinting information that is on the edge of the frame, an SC899 error might occur. (GFPR#RC14030010)
5. When printing more than 111,600 bytes of a bitmap font?equivalent to a character that is larger than 39.62mm x 39.62mm?via a driver, an SC899 might occur.

Version 1.09

Symptom corrected:

1. Error SC899 caused by PCL jobs names (@PJL JOBNAME) that contain any number of "%" characters and a banner page. (GFPR#RE12090010)
2. When a PCL5 job includes a raster image, the text and images might be placed in the wrong position, which would result in an unexpected printout. (GFPR#RE13020014)
3. Specific TrueType fonts that include problematic hinting data might cause an SC899 error to occur. (GFPR#RA13030005)

Version 1.08

Symptom corrected:

1. PCL5 jobs containing an "ECS&l0C" command result in an SC899. (GFPR#RA12040004, GFPR#RE12050002)
2. Blank Page Print bug resulting in PCL5 overlays stalling (Blank Page Print = Off) or the device continually printing blank pages until the MFP runs out of paper (Blank Page Print = On). (GFPR#RE12050016)

Version 1.07

1st Mass production

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*** Basic Information ***
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[Create date] 2019/04/02

[Program Name] Network Support

[Version] 12.38

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D1175430S

[File Information]

File Name D1175430S.fwu

File Type Module for Service

Size 8.51 MB (8920308 byte)

[File Information]

File Name D1175430S.rfu

File Type Module for Remote Upgrade

Size 8.51 MB (8925440 byte)

[Availability of RFU] Yes

[Production reflection] 2019/04

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*** Note ***
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[Note]

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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

Rank C

Symptom corrected:

- A remote firmware update might fail when the device is busy due to a lack of memory.

[Modification history]

Version 12.37

Rank C

Other changes:

- It is now possible to disable HMAC-SHA1 used in SSL/TLS communication with a Telnet command.
Please refer to the RTB (RGene107) for more details.

Version 12.36

Rank C

Other changes:

- Newly added SMBv2/v3 support.
This firmware is dependent on the following firmware modules.
Please be sure to update all of them:
 - System/Copy v4.12 (D1175437C)
 - Network Support v12.36 (D1175430Q)
 - Web Support v1.14 (D1175427M)
 - Scanner v02.03 (D1175426J)Please refer to the RTB(No.RGene095) for details.

Version 12.35

Other Changes:

- Added support for adhering to the Lot 6 regulation of the EU in European devices.

Version 12.34

Other changes:

- Changed the DH key specification to use 2,048 bits instead of 512 bits to prevent the Logjam vulnerability (CVE-2015-4000). In addition, by modifying this specification, SSL/TLS communication can be established when using Mac OS X 10.10.4 and iOS 8.4.

Version 12.33

Symptom corrected:

1. When the display language of the operation panel is set to Catalan, Scan to Folder fails.

Other changes:

Supports IPv6 and DNS communication with @Remote.

IMPORTANT: To apply the above change(s), make sure to install this firmware together as a set with the following:

System/Copy firmware v4.07 (D1175421Y) or later

Version 12.32

Symptom corrected:

1. When SP5-985-001 is set to "0" (disabled) and SP5-985-002 is set to "1" (enabled), an SC997 error might occur if repeatedly switching between the home screen and the system settings screen.
2. When the device repeatedly goes in and out of Energy Saver Mode while the web browser is running on the operation panel, an SC899 error might occur.
3. When the device is in Energy Saver Mode, if information about the network interface for the device is being obtained from the SNMP Manager application, nonexistent errors are recorded in the system logs.

Other changes:

- When printing from the Windows operating system, if the RAW protocol is used for the standard TCP/IP port, a significant amount of time might pass until the next job is printed.

Because of this, the initial print timeout period is changed to 15 seconds and the shortest timeout period that can be set is changed to 5 seconds.

Version 12.30

Symptom corrected:

1. @Remote communication may fail under some customer networks.
IMPORTANT: To apply the above changes, update to the following System/Copy firmware as well:
System/Copy v4.01 (D1175421R) or later
2. When simultaneously printing from AppleTalk on a Mac and a protocol other than AppleTalk in Windows, an SC899 error might occur.
3. When PEAP or TTLS is used as the IEEE 802.1X authentication method and the server certification check is disabled, the IP address might not be obtained after the device is restarted.
4. When DHCP is enabled and the network settings are changed, it might take more than two minutes for the settings to finish updating.

Version 12.29

Symptom corrected:

1. SC899 may occur after some network settings are changed.
2. Some minor bug corrections for AirPrint were applied.
3. Although the LLNMR of IPv4 and IPv6 are enabled in Web Image Monitor, it might not affect the printed result of the NIB Summary (SP5-990-007) and/or the Print List in Interface Settings of System Settings.
4. When DHCP v6 is enabled, turning the power off and then on might cause a memory leak.

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*** Basic Information ***
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[Create date] 2019/10/31

[Program Name] System/Copy

[Version] 4.16

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D1175437G

[File Information]

File Name D1175437G.fwu

File Type Module for Service

Size 18.58 MB (19485924 byte)

[File Information]

File Name D1175437G.rfu

File Type Module for Remote Upgrade

Size 18.59 MB (19493120 byte)

[Availability of RFU] Yes

[Production reflection] 2019/11

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*** Note ***
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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

Rank C

Symptom corrected:

- SC899 might occur on MP C305 installed System/Copy ver4.14 and 4.15 when booting up.

[Modification history]

Version 4.15

Rank C

Other changes:

- When using the Stream Line NX ver3 for a certain amount of time, SC899 or "Functional Error. Please restart device" message might be displayed.

Version 4.14

Rank C

Symptom corrected:

- When fax forwarding is enabled, if a fax is received while the machine is entering STR mode, the fax might not be forwarded to the registered email destination or printed out.
- The email account information for receiving internet faxes is not imported or exported.
- The login is failed by an unexpected address book accessing.

Other changes:

- The default setting for symbols and numbers on a Simplified/Traditional Chinese soft keyboard has been changed from two-byte characters to one-byte characters.

Version 4.13

Rank C

Symptom corrected:

- Kerberos authentication might take time because the TCP timestamp starts with a zero.

Version 4.12

Rank C

Other changes:

- Newly added SMBv2/v3 support.
- This firmware is dependent on the following firmware modules. Please be sure to update all of them:
 - System/Copy v4.12 (D1175437C)

- Network Support v12.36 (D1175430Q)
- Web Support v1.14 (D1175427M)
- Scanner v02.03 (D1175426J)
- Please refer to the RTB(No.RGene095) for details.

Version 4.11

Specification Change:

- Added support for adhering to the Lot 6 regulation of the EU in European devices.

Symptom Corrected:

- Fax received is not printed and forwarded to the folder, if "Forwarding setting of Reception File Setting" is enabled.

Version 4.10

Symptom corrected:

- Fax data encoded with Base64 is not correctly received.
- If a single-page TIFF/JPEG is selected as the file type when conducting Scan to Email, an SC899 error might occur.
- If an email sent by scan-to-email is opened in Office 365 cloud mail service, contents of the attached file may falsely appear in the body of the message with the characters corrupted.

Version 4.09

Symptom corrected:

- SC867 or SC868 may occur when turning ON the power or recovering from energy saver mode on machines.

Version 4.08

Symptom corrected:

1. "¥" may be used instead of the "backslash" as the directory delimiter for the folder path of the Scan To Folder of the address book.
2. Machine may not recover from sleep mode.
3. Using the network functions (e.g. Web Image Monitor) causes improper memory allocation and may result in SC819.
4. SC819 may occur, if all of the following conditions are met when upgrading the firmware:
 - Upgrade using the SD card
 - Version of the operation panel firmware selected is no different to the version currently applied.
 - Machine is left untouched for more than 90 seconds after completing the firmware upgrade.
5. On machines installed with the ESA application, number of fax transmissions may not be counted for each user, if tracking permission is enabled in the extended printing capacity limit option.
6. SC637-01 may occur, if attempted to run jobs using a function limited by the external counter.
7. When applying the extended authentication, the job may not stop correctly even if tracking information notification and printing stops is enabled.
8. POP mail may not be received, if the mail contains UIDL that does not

- comply with RFC.
9. LDAP server connection test, LDAP address book research and user login may fail with SSL enabled LDAP server.
10. The machine may stall without displaying the preview and thumbnail of the scanned data.

Version 4.07

Specification Change:

1. Supports IPv6 and DNS communication with @Remote.

IMPORTANT: To apply the above change(s), make sure to install this firmware together as a set with the following:

Network Support firmware v12.33 (D1175430M) or later

2. Authorized EQ information has been supported.

Version 4.06

Symptom corrected:

Jam history does not appear on the SMC report when the report is exported to an SD card.

Version 4.05

Error correction

Supported IC card reader/writer (PR-700UDM).

Version 4.04

Symptom corrected

Some customized icons (used by SDK apps) may not appear on the Home screen when the machine is woken from Energy Saver mode using an IC card (auto login).

Version 4.03

Symptom corrected:

The following may occur if the operator presses the [OK] or [Cancel] buttons for the software keyboard two or more times while inside the Administrator or Supervisor password settings screen.

- Hard keys do not respond.
- The machine does not recover from Sleep mode
- SC816

Version 4.02

Other changes:

A login screen is displayed at power ON, which requires the Administrator or Supervisor to set a password in cases where this password has not been set yet.

Version 4.01

Symptom corrected:

- @Remote communication may fail under some customer networks.

IMPORTANT: To apply the above changes, update to the following Network Support firmware as well:
Network Support v12.30 (D1175430K) or later

- Embedded RC Gate]: @Remote auto calls (Ex. service calls, supply calls, alarm calls) are not sent from the device if engine-related SC errors occur frequently within a short period of time.
- Incorrect settings for the tray paper size and the Sleep Mode timer are printed on the UP mode data sheets of the SMC report, and some default settings are not printed.
- The machine stops detecting USB storage devices that support encryption after a USB device that does not support encryption is connected.
- The machine does not detect a USB storage device inserted into the SD slot.
- The time correction for Summer Time (Southern Hemisphere) is not applied after the setting is enabled.
- SC899 with a code "fcs" on SC Detailed Info of SMC may occur when a machine recovers from sleep mode.

Version 4.00

Specification changes:

1. Compliance with new Blue Angel requirements.
2. The layout of the AZERTY keyboard (French) was changed.

Symptom corrected:

1. The touch screen reacts more slowly if connection to an unknown IP address is repeatedly cancelled in the Address Book input screen.
2. The name of an Address Book entry appears garbled with some display languages.
3. The machine stalls if "Device Settings: Export/Import" is executed by a user logged in as an Administrator.
4. The machine stalls during a large-volume print job and the data-in LED continues blinking.
5. Forwarding to a folder fails if the FAX in question is 100 pages or more in length.
6. The names SDK applications appear the same, no matter which display language is selected.
7. The destination for Scan to Folder might not be displayed.
8. If User Code authentication is enabled or if "External Optional Counter Type" != 0, accounts locked by the "Lock out" setting (SP-5413-1) are not locked out of WIM.
9. When User Authentication or User Code authentication is set, logging on from Web Image Monitor and the operation panel at the same time might fail. If that occurs, pressing the Cancel button on the operation panel will not function properly.
10. When the SDK is installed, it might not be possible to switch to other functions from the Home screen.

Version 3.15

Symptom corrected:

1. SC687 occurs when paper jammed while feeding originals via ARDF.
2. Cannot update the firmware if an RFU (remote firmware update) is attempted

- via the UZ-A1 (FTP) while the engine is in Energy Saver mode
(reason: the firmware update screen does not appear).
3. The destination for Scan to Folder might not be displayed.
 4. When the SDK is installed, it might not be possible to switch to other functions from the Home screen.

Version 3.14

Other changes:

The layout of the AZERTY keyboard was changed.

Version 3.13

Symptom corrected:

1. Cannot scan to shared folders in Mac OS X 10.7 or Mac OS X 10.8.
This firmware is dependent on the following firmware modules.
Please be sure to update all of them:
Network Support firmware v12.28(D1175430H) or later
2. Even though the Restrict Use of Destinations (Scanner) setting is set to ON, email addresses that are found by an LDAP Search are still editable by end-users.
3. An incorrect error message is displayed when the operator switches from exposure glass to ADF copy mode.
("Please set 8 1/2 x 14" or "Please set "8 1/2 x 11").
4. Machine stalls when exporting files from user tools.
5. The mode clear alert message that used to be displayed when the machine recovered from the off-line status will no longer be displayed.
6. SC878 may occur when recovering from Energy Saver mode after the firmware is updated via RFU.
7. Although the "Logout Using Card" function of Card Authentication Package v2 is turned on, the user cannot log out when he or she swipes the card.

Version 3.12

Symptom corrected:

1. The addition, modification, or deletion of a User Code is not applied to the tracking application, even though Tracking has been enabled for User Code Authentication or Basic Authentication.
2. Some data on the SMC report appears as "No string" if the SMC is printed out in Text mode.
3. The SDK logout notification may be sent out twice.
4. The machine behaves as follows if the Energy Saver key is pressed while the job-end fusing belt rotation is still being performed (which is done for cooling purposes):
Before modification:
Machine refuses request to enter Energy Saver Mode
After modification:
LCD is turned off, and machine enters Energy Saver Mode once the rotation has been completed.
5. Some buttons displayed inside SP5-749 appear garbled.
6. The machine may instruct the user to login as a Machine Administrator if the user attempts to save or delete a Copier or Scanner application to/from the Home screen.

Other changes:

SP5-083-001 was newly added.

0: Does not blink (default)

1: Blinks

Note:

- This SP makes it possible to set whether or not the [Check Status] key blinks when Toner Near End is reached.
- With previous firmware versions, this key always blinked when Toner Near End was reached.

Version 1.09

Fixed:

Use of a fixed network speed will result in loss of connectivity.

Version 1.08

Symptom corrected:

The Machine Certificate is installed with the wrong SHA (secure hash algorithm) if the user selects an SHA other than the default one.

Version 1.07

Other changes:

The Data Overwrite icon is always displayed on the top screen, as per CC certification compliance requirements.

Version 1.06.1

Symptom corrected:

If the machine receives a print job via the USB interface while in Energy Saver mode, the job cannot be printed out and the print icon disappears from the Home screen.

Version 1.06

Symptom corrected:

1. SC672 occurs or "Please wait" is displayed, when the machine recovers from Energy Saver mode,
2. White spots appear at 80mm intervals.
3. Jam 19 occurs when there is only one sheet left in the paper tray.
4. SC819 occurs when the language is set to Portuguese and the following is performed:
[User Tools/Counter] > [Inquiry] > [Print Inquiry List] > [Start]

Version 1.04.3

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