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\*\*\* Basic Information \*\*\*  
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[Create date] 2017/06/08  
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[Program Name] XPS  
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[Version] 1.05  
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[PCB No.]  
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[Interchangeability] X / O  
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[Other Firmware Requirements] None  
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[PCB Requirements] None  
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[Software category] Normal Release  
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[Release category] Normal Release  
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[Program category] Firmware  
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Exported to(language) GEN(all)

[Firmware No.] D3A75738E

[File Information]

File Name      D3A75738E.fwu

File Type      Module for Service

Size           2.03 MB ( 2124728 byte )

[File Information]

File Name      D3A75738E.rfu

File Type      Module for Remote Upgrade

Size           2.03 MB ( 2130176 byte )  
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[Production reflection] 2017/07  
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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:

- When printing the contents of an A3 size document on A4 size paper via Direct printing, the text might be distorted.

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[Modification history]  
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Version 1.04

Symptom Corrected:

1. An SC899 error might occur when graphics are drawn by the RGB Brush. (GFPR#RE15100026)
2. When "Unauthorized Copy Prevention Printing: Printer" is enabled, an error might occur, causing the job to be cancelled. (GFPR#RA14120002)

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Version 1.03

Symptom corrected:

- When printing a excel sheet that contains images that drawn by collar custom brush, the job may be canceled.

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Version 1.02

1st Mass production

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\*\*\* Basic Information \*\*\*  
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[Create date] 2018/07/13  
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[Program Name] System/Copy  
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[Version] 1.22  
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[PCB No.]  
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[Interchangeability] X / O  
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[Other Firmware Requirements] None  
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[PCB Requirements] None  
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[Software category] Normal Release  
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[Release category] Normal Release  
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[Program category] Firmware  
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Exported to(language) GEN(all)

[Firmware No.] D2015550Z

[File Information]

File Name       D2015550Z.fwu

File Type       Module for Service

Size            27.20 MB ( 28525204 byte )

[File Information]

File Name       D2015550Z.rfu

File Type       Module for Remote Upgrade

Size            27.21 MB ( 28532992 byte )

[Availability of RFU] Yes  
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[Production reflection] 2018/07  
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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:

- Login might fail and the application icon might not be displayed.
- When updating the address book via Group Destination Helper, the following issues might occur:
  - A group can't be deleted.
  - No more than 125 users can be added to a group.
  - The protection code might disappear when updating the group information.
  - The maximum number of digits for the protection code can't be set.
  - If user authentication is set to something other than User Code, the Eco information screen might not be displayed at the expected timing when a user logs in.
- When the device is using "Card Authentication Package" or another custom authentication and then the following fields on the server are blank, the fields in the address book on the device might not be overwritten:
  - Email address
  - FAX address
  - Folder address
- Kerberos authentication might take time because the TCP timestamp starts with a zero.

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[Modification history]  
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Version 1.21

Symptom Corrected:

- 3G @Remote cannot connect.

Specification Changes:

- SP2-990-101, SP2-990-102, SP2-990-103 will be added to SMC data.

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Version 1.20

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 v1.20 (D2015550X)

Network Support v14.37 (D2015564N)

Web Support v2.04 (D2015560E)

Scanner v02.10 (D2015571K)

Amination v5.00 (D2015562D)

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

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Version 1.19

Symptom corrected:

- SC871-01(FCU Error) may occur after recovering from sleep mode.
- An abnormal image may appear in a saddle-stitched PostScript magazine job, if the booklet contains a blank page.
- SC672-11 may be occurred when software rebooting is done after SDK application installed.

Other changes:

- Added an SP setting for enabling or disabling the "Screen Monitoring" function.  
SP5-885-205: default = 0 ("Screen Monitoring" is enabled)

This firmware is dependent on Web Support firmware v2.03 (D2015560D) or later, so please be sure to update that firmware as well.

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Version 1.18

Symptom corrected:

- Communication may be impossible after changing the relationship between host name and IP address on DNS server.
- If a jam occurs on the first page of a job on a machine set with user code authentication and then, the start button and log-out button are pressed together, the start button becomes ineffective.
- After entering the user code to start up the Copy application, the user code input screen does not disappear.
- Hard keys become ineffective on the Copy screen, if operated as follows:
  - \* Log in and copy either on the exposure glass or from ADF, or run a batch copy job.
  - \* Press the Stop key before the copies are delivered. Manually or automatically log out.
  - \* Log in again.
- When both of the following conditions are met, the Start key remains lit in red and copy jobs cannot be run:
  - \* While using the copy capture function
  - \* The machine enters the energy saver mode after copying on the exposure glass or copying in batch mode or in SADF mode.
- SC991/SC899 may occur or stall may occur during use of application on @Remote connected machines.
- Connection error message may appear mistakenly on @Remote connected machines.
- SC819 may occur, if the auto log-out timer and the energy saving timer are set to the same value.
- On machines with the language set to Russian, "No" is mistranslated to "Yes" in the message that appears when printed from a USB memory stick.
- Setting paper on the Bypass tray automatically assigns the Bypass tray as the feed tray.
- The operation panel may freeze, if the Start button is pressed in copy mode immediately after recovering from the energy saver mode.

Other changes:

- More than five languages can be added to the "Change Langs. Widget"

- on the smart operation panel.
- The machine reboots automatically after an SC670.
- Added the following sub codes for SC670:
  - \* SC670-03:Engine start up error when the machine boots up
  - \* SC670-04:Communication error between the engine and controller

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#### Version 1.17

##### Specification Change:

- The font used for some of the screens displayed on the operation panel was changed.
- Support for User code authentication using Browser NX

##### Error Correction:

1. Error occurs, if new addresses are continuously registered to the address book using Smart SDK.
2. 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.
3. Fax received is not printed and forwarded to the folder, if "Forwarding setting of Reception File Setting" is enabled.
4. Cannot switch to a different screen, if logged in to the legacy (classic) FAX application without authentication.
5. Cannot log out, if logged in using the IC card with the energy saver mode enabled.
6. Some applications may not work on machines installed with the HDD.
7. SC819 may occur.

##### Other Changes:

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

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#### Version 1.16

##### Symptom Corrected:

1. An error message appears, if the user presses the Start key when printing from the bypass tray.
2. SC899 may occur after recovering from low power mode.
3. If turning ON the power with SP5-758-001(Remote UI Setting Authentication) set to "1", SC673-10 may appear with the LED lighting in red.
4. Login screen appears even if "Home Key Customization: Login Setting (SP5-074-002)" is set to "1(OFF)."
5. The location of the legacy FAX application icon on the display changes, if the firmware is updated with the SD card or by Remote Firmware Update.
6. When jobs are continuously being printed, if the next job is conducted from another tray before the last page of the previous job has been fed, pages from the printed documents might be mixed.
7. If a user is registered to CAP V2 with the same user name as the device administrator (admin), the user can be used to manually log in to the device if case insensitivity is set.
8. When the following settings are enabled, print jobs that have been conducted are not displayed on the job history screen:

- On the operation panel: User Tools > Printer Features > System tab > Store and Skip Errored Job
- In Web Image Monitor: Device Management > Configuration > Printer > Basic Settings > Store and Skip Errored Job

This firmware is dependent on Web Support firmware v2.01 (D2015560B) or later, so please be sure to update it.

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#### Version 1.15

##### Symptom corrected:

1. When scanning an original containing multiple pages with the Twain driver, error (code: 36856) occurs on the client PC and scan stops midway.
2. Fax data encoded with Base64 is not correctly received.
3. [WebAPI] counter information cannot be obtained without logging in.
4. Offset (2nd)
5. Time required to start up the machine is longer than expected in low temp / low humidity environment.

##### Others:

##### Support of the following finishing options:

- Booklet Finisher SR3220
- Booklet Finisher SR3240
- Finisher SR3230

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#### Version 1.14

##### Other changes:

A minor change only for the Japanese model.

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#### Version 1.13

##### Symptom corrected:

1. When scanning with "Hungarian" or "Polish" selected under "Cognitive Language" in "OCR Settings", if the value of a Unicode character exceeds 256, then the character will be converted to a question mark ("?").

This firmware is dependent on the following firmware module. Please be sure to update it:

- System/Copy firmware: v02.07 or later
2. When an SDK application is configured not to be authenticated by the application-specific user authentication setting (SDK1: SP5-420-051; SDK2: SP5-420-061; or SDK3: SP5-420-071), the application icon is not displayed on the home screen without being logged in.
  3. SP default values were changed as follows to prevent black streaks that appear when scanning both sides of the original through the DF:
    - SP6-006-007 (Rear Edge Erase Front) :-2.3

- SP6-006-008 (Rear Edge Erase Rear) :-2.3
- SP6-006-014 (T-Edge Erase (1-Pass):Front) :-3.0
- SP6-006-015 (T-Edge Erase (1-Pass): Rear) :-2.5

4. SSP default value was changed as follows to prevent SC563 when the paper fed does not match with the specified paper size:
  - SP1-125-084(CPM Down Setting High:CPM:temp:F:Press Center) :180
5. SP default values were changed as follows to prevent offset that occurs with thick paper and postcards:
  - SP1-105-023(Thick2:BW:Center) :140
  - SP1-105-027(Thick3:BW:Center) :140
  - SP1-105-143(Postcard:Center) :130

Other change:

- SP4-013-001/002 (Scanner Free Run), originally an SSP was changed to an SP.

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#### Version 1.12

Symptom corrected:

1. If "Display" is selected under "Paper Confirmation for Bypass Tray," printing is available only in LEF.  
(User Tool -> Printer Features -> System -> Tray Setting Priority -> Paper Confirmation for Bypass Tray)
2. The operation panel remains blank and there is no response from the hard keys or touch panel following an RFU.
3. When the CTS protection function is enabled, the throughput for the wireless LAN connection is reduced.
4. When scanning documents of different sizes with all of the following configured, a send error occurs:
  - Set the original feed type setting for original orientation to "Readable orientation".
  - Enabling "Auto detect" and "Mixed original sizes".
  - Selecting any of the "Black & White" scanning settings.
  - Using multi-pass ADF and OCR.
5. An SC819 error might occur when using network-related functions, such as accessing Web Image Monitor.
6. When user code authentication is set on the device, an authentication error occurs when using an application based on the SmartSDK.

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#### Version 1.11

Symptom corrected:

1. Operation panel keys do not work or logout from User Authentication is not possible under the following conditions:
  - A Copy job with a large amount of originals is performed
  - Following this, the user presses the "Reset" key or accesses the All Job Stop screen
2. The operational panel display may return to the Home screen before the scanning job is finished.
3. When a print job or scan job is being executed, the System Auto Reset timer might



not be set.

4. The Quick Scan app may freeze under the following conditions:
  - Scanning is set to display the Preview at the same time the data is being stored
  - The user displays the Preview after scanning is completed
5. Even if the device is configured to restrict users from registering a destination in the address book, as shown below, a user can still register a destination by using the Scan to Folder Helper application:
  - "System Settings > Administrator Tools > Extended Security > Restrict User of Destination (Fax)" set to "ON".
  - "System Settings > Administrator Tools > Extended Security > Restrict User of Destinations (Scanner)" set to "ON".

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#### Version 1.10

##### Symptom corrected:

- SC899 may occur when launching or making a copy with the SmartSDK Copy app.
- Key operations may not be recognized when the machine returns from System Settings to the previous screen.
- SC991-00 (Recoverable software operation error) may occur.
- Reception error may occur with W-NET FAX.
- Traditional Chinese: "Print" is incorrectly displayed as "Copy" on the Print Volume Use Limitation screen (System Settings).
- SC672-11 (Controller start up error) may occur during Energy Saver mode.
- Machine operation not possible after the user tries to log out while there are still originals stacked in the ADF to be scanned.
- The "Logging in..." display does not clear from the Smart Operation Panel when user login is enabled.

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#### Version 1.09

##### Symptom Corrected:

- When a title information is not displayed when an address book is registered via RICOH Device Manager NX series.
- Black line issue at edge area may occur early.
- High-frequency sound of a polygon motor is decreased shortened polygon rotation time.
- SC998 may occur when a device is restored from energy save mode by pushing a "Checking Status" button.

##### Other changes:

- Supports the Korea Narajantae model.
- The following SP is added to check estimated remain days and usage ratio for a waste toner bottle in SP mode.  
P7-624-142 (Part Replacement Operation ON/OFF)  
Note: If waster toner bottle information displays on PM counter list in SP mode, the value is needed to set to "1" after uploading this firmware version.
- Counter clear buttons in PM counter list in SP mode are deleted because they are not used.
- "Manual new set unit" button for a waster toner bottle is added on the following
- The following SP is added to set a new unit detection for a waster toner bottle manually.  
SP3-701-142(Manual New Unit Set)

This firmware correction is dependent on the following firmware modules.

Please be sure to update it:

Engine firmware V.1.09:03 (D2025501) or later

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Version 1.08

Symptom corrected:

1. Client app does not function correctly and the job status is displayed as "Running" if the user tries to log out before the next original is fed.

Note: In actuality, the job is in an "Interrupt" status.

2. The "Mixed" notification is missing from the Copy Size list under "Capability".
3. Unauthorized Guest users are able to perform jobs when the Optional Counter (SP5-113-002) is enabled.

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Version 1.07

Symptom corrected:

1. SC899 may occur when creating a searchable PDF document.
2. The Java VM does not boot up at main power ON when SP5-730-001 is enabled.
3. Cannot use Copier function inside Smart SDK app if the Preferred Screen is not set to the Home or Copier.
4. The machine may stall while updating the Address Book if there is no HDD installed, or may stall while updating the controller or VM firmware.
5. The machine may stall ("Printing...") if a print job is received just after booting up.

Other changes:

1. The default values of the following SP modes were changed as shown.

- SP3-710-012 (Ini mu count offset) : 6,000 --> 5,912
- SP6-116-001 (CnrStplrMxPrstkShAdj:2K/3KFIN A3 SEF):0 --> -1
- SP6-116-002 (CnrStplrMxPrstkShAdj:2K/3KFIN B4 SEF):0 --> -1
- SP6-116-003 (CnrStplrMxPrstkShAdj:2K/3KFIN A4 SEF):0 --> -1
- SP6-116-004 (CnrStplrMxPrstkShAdj:2K/3KFIN A4 LEF):0 --> -1
- SP6-116-005 (CnrStplrMxPrstkShAdj:2K/3KFIN B5 SEF):0 --> -1
- SP6-116-006 (CnrStplrMxPrstkShAdj:2K/3KFIN B5 LEF):0 --> -1
- SP6-116-007 (CnrStplrMxPrstkShAdj:2K/3KFIN DLT SEF):0 --> -1
- SP6-116-008 (CnrStplrMxPrstkShAdj:2K/3KFIN LG SEF):0 --> -1
- SP6-116-009 (CnrStplrMxPrstkShAdj:2K/3KFIN LT SEF):0 --> -1
- SP6-116-010 (CnrStplrMxPrstkShAdj:2K/3KFIN LT LEF):0 --> -1
- SP6-116-011 (CnrStplrMxPrstkShAdj:2K/3KFIN 8K SEF):0 --> -1
- SP6-116-012 (CnrStplrMxPrstkShAdj:2K/3KFIN 16K SEF):0 --> -1
- SP6-116-013 (CnrStplrMxPrstkShAdj:2K/3KFIN 16K LEF):0 --> -1
- SP6-116-014 (CnrStplrMxPrstkShAdj:2K/3KFIN Other):0 --> -1

2. The following were changed from SSP to SP mode.

- SP5-810-001 (SC Rest Fusing SC Reset)
- SP5-810-002 (SC Rest Hard High Temp. Detection)
- SP4-712-001:CIS (CIS GB Adj. Value:R)
- SP4-713-001:CIS (CIS GB Adj. Value:G)
- SP4-714-001:CIS (CIS GB Adj. Value:B)

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Version 1.06  
1st Mass production

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\*\*\* Basic Information \*\*\*  
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[Create date] 2017/11/17  
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[Program Name] Fax  
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[Version] 10.00.00  
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[PCB No.]  
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[Interchangeability] X / O  
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[Other Firmware Requirements] None  
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[PCB Requirements] None  
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[Software category] Normal Release  
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[Release category] Normal Release  
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[Program category] Firmware  
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Exported to(language) GEN(all)

[Firmware No.] D2015557L

[File Information]

File Name      D2015557L.fwu

File Type      Module for Service

Size           2.42 MB ( 2535288 byte )

[File Information]

File Name      D2015557L.rfu

File Type      Module for Remote Upgrade

Size           2.42 MB ( 2539776 byte )

[Availability of RFU] Yes  
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[Production reflection] 2017/10  
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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 might occur if there are multiple FAX alerts.

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[Modification history]  
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Version 09.00.00

Symptom corrected:

- SC871-01(FCU Error) may occur after recovering from sleep mode.

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Version 08.00.00

Symptom corrected:

- If logged in with user authentication, FAX settings for Auto Print FAX Journal (SWUSR\_03, bit7) and setting whether or not to include sender name in reports (SWUSR\_04, bit5) may change after logging out.
- SC899 may occur when logging out from a machine with the user authentication enabled.
- Fax application may stall when recovering from energy saving mode.

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Version 07.00.00

Other Changes:

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

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Version 06.00.00

Symptom corrected:

- The sender name may be printed even when the printing of the sender name is disabled.

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Version 05.00.00

Symptom Corrected

- A system warning is not displayed when the FAX function is launched.
- The login screen is not displayed while Basic Authentication is enabled.
- SC899 (software performance error) may occur when launching Easy FAX.
- FAX transmission may fail.
- SC899 (software performance error) may occur on the Main machine if a Remote FAX is sent from the Sub machine.
- SC899 (software performance error) may occur if the pre-transmission Preview is enabled.

- The FAX function may not start up following continuous FAX communication.
- The Address Book cannot be opened, and Quick FAX does not start up.
- Bug with notices for stored reception files.

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Version 04.00.00

Symptom corrected:

1. SC899 may occur on the main machine if a Remote FAX is sent from the sub machine.
2. The machine may freeze (which can only be cleared by power OFF/ON) if a FAX is received while performing a Copy job that will require at least 5 minutes to complete set for duplex, multi-page, and stapling.

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Version 03.00.00

1st Mass production

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\*\*\* Basic Information \*\*\*  
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[Create date] 2018/10/19  
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[Program Name] RemoteFax  
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[Version] 05.00.00  
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[PCB No.]  
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[Interchangeability] X / O  
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[Other Firmware Requirements] None  
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[PCB Requirements] None  
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[Software category] Normal Release  
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[Release category] Normal Release  
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[Program category] Firmware  
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Exported to(language) GEN(all)

[Firmware No.] D2015558F

[File Information]

File Name        D2015558F.fwu

File Type        Module for Service

Size            1.52 MB ( 1598380 byte )

[File Information]

File Name        D2015558F.rfu

File Type        Module for Remote Upgrade

Size            1.53 MB ( 1605888 byte )

[Availability of RFU] Yes  
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[Production reflection] 2018/10  
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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 document receipt by Mail to Print function might not be printed, in case the device receives the document at either of the followings conditions;
- 1) The device is turned on, but the booting procedure is not completed.
- 2) The device is rebooted after SC, and the dialog of reboot is displayed on the device.
- 3) The device is printing the document through Enhanced Locked Print.

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[Modification history]

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Version 04.00.00

Symptom corrected:

- A sending error might occur with PC-FAX.

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Version 03.00.00

Other Changes:

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

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Version 02.00.00

Symptom Correction:

IP-FAX becomes unavailable if six attempts to connect using H.323 fail, taking more than 10 minutes.

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Version 01.00.00

1st Mass production



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\*\*\* Basic Information \*\*\*  
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[Create date] 2019/11/08  
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[Program Name] Network Support  
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[Version] 14.43.1  
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[PCB No.]  
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[Interchangeability] X / O  
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[Other Firmware Requirements] None  
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[PCB Requirements] None  
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[Software category] Normal Release  
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[Release category] Normal Release  
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[Program category] Firmware  
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Exported to(language) GEN(all)

[Firmware No.] D2015564T

[File Information]

File Name        D2015564T.fwu

File Type        Module for Service

Size             10.17 MB ( 10660580 byte )

[File Information]

File Name        D2015564T.rfu

File Type        Module for Remote Upgrade

Size             10.17 MB ( 10666240 byte )

[Availability of RFU] Yes  
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[Production reflection] 2019/10  
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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 vulnerability (CVE-2019-1559) to a Padding Oracle Attack on CBC encryption has been fixed.
- To activate this fix, CBC mode must be disabled after updating the firmware.
- msh> set cbc down
- msh> logout
- Enter "yes" to save the changes.

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[Modification history]

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Version 14.41

Rank C

Symptom corrected:

- DNS name resolution for the device might fail if DDNS is enabled in a DHCPv6 environment.
- There is a probability (1/256) that the SSL connection to the device will fail if the connecting component doesn't have a process to retry the SSL connection.

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Version 14.40

Rank C

Symptom corrected:

- If the device has not been used a significant amount of times, functions that require a network connection might fail.
- When conducting Scan to Folder in a high-load network environment, the device's status gets stuck on sending and the scanner becomes unusable.
- When conducting Scan to Folder using SMBv2/v3, if the device receives UDP communication from the outside to the port used by SMBv2/v3, Scan to Folder might fail.

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Version 14.39

Rank C

Symptom corrected:

- SMB client timeout configuration is not correctly applied in the device.
- SC899 occurs when conducting Scan to Folder, and the device might automatically restart.
- When conducting Scan to Folder, if a host name is resolved to multiple IP addresses by NBNS, the device tries to connect to only the first resolved IP address.
- When a HP device is working on the same subnet, Scan to Folder will fail.
- Network browsing sometimes fails when conducting Scan to Folder.
- SC819 might occur after ARFU or RFU.
- The device might freeze during data transmission when conducting Scan to Folder with SMBv2/v3.

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Version 14.38

Symptom corrected:

1. When using Scan to Folder (SMB), any of the following conditions may cause SMB communication to fail:
  - A computer name which includes 2-byte characters (e.g. Chinese characters) is set as the destination path.
  - A user name which includes 2-byte characters is used for authentication.
  - Attempting to browse the network from the device for a computer name which includes 2-byte characters.
2. On a device with SMBv2/v3 firmware, when sending a scanned or fax document using the Hotfolder plug-in for GlobalScan or StreamlineNX, an "incorrect" document may be sent to the destination and may be lost the original document.

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Version 14.37

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 v1.20 (D2015550X)

Network Support v14.37 (D2015564N)

Web Support v2.04 (D2015560E)

Scanner v02.10 (D2015571K)

Amination v5.00 (D2015562D)

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

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Version 14.36

Symptom corrected:

- 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.

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Version 14.35

Symptom Corrected:

- When the device is set to use "IEEE 802.1X" and "TLS1.2" is set to "active", authentication will fail.

-----  
Version 14.34

Other Changes:

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

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Version 14.33

Symptom corrected:

When an site certificate is imported to the device from Web Image Monitor,



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\*\*\* Basic Information \*\*\*  
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[Create date] 2018/10/25  
-----

[Program Name] Scanner  
-----

[Version] 02.12  
-----

[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.] D2015571M

[File Information]

File Name       D2015571M.fwu

File Type       Module for Service

Size            2.11 MB ( 2210568 byte )

[File Information]

File Name       D2015571M.rfu

File Type       Module for Remote Upgrade

Size            2.11 MB ( 2216192 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2018/10  
-----

=====  
\*\*\* Note \*\*\*  
=====

[Note]  
-----

=====  
\*\*\* Important Notes \*\*\*  
=====

[Important Notes]  
-----

=====  
\*\*\* Modification History \*\*\*  
=====

=====  
[Modifications made:]

Rank C

Symptom corrected:

- The "Use Name as" option in the Protection menu of the Address Book might not work correctly when specifying the destination folder from Quick Scanner.

-----  
[Modification history]

-----  
Version 02.11

Rank C

Symptom corrected:

- If the log capture function is enabled when scanning with the SmartSDK application, cancelling the scan job while the preview is displayed might cause the information of the captured image file to be recorded incorrectly.

-----  
Version 02.10

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 v1.20 (D2015550X)

Network Support v14.37 (D2015564N)

Web Support v2.04 (D2015560E)

Scanner v02.10 (D2015571K)

Amination v5.00 (D2015562D)

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

-----  
Version 02.09

Symptom corrected:

- When scanning by using the Smart Device Connector, if the cancel button is pressed while scanned data is being transferred, the device's scanner applications might not be able to be used.

-----  
Version 02.08

Symptom corrected:

1. When opening a program after Simple Screen has been applied on the home screen, the program settings are not retrieved.
2. Max. Email Size for scanner send settings cannot be configure via DMNX.

-----  
Version 02.07

Symptom corrected:

- When scanning with "Hungarian" or "Polish" selected under

"Cognitive Language" in "OCR Settings", if the value of a Unicode character exceeds 256, then the character will be converted to a question mark ("?").

This firmware is dependent on the following firmware module.  
Please be sure to update it:

- System/Copy firmware: v1.13 or later

-----  
Version 02.06

Symptom corrected:

1. When Simplified Chinese is selected in the "Insert Additional Email Info" setting in Send Settings, text in an email sent by using Scan to URL is garbled.
2. When the "Start Scanning" button is pressed in the Scan to Me application, scanning is not performed.
3. When user code authentication is set on the device, an authentication error occurs when using an application based on the SmartSDK.

-----  
Version 02.05

Symptom corrected:

1. When using a TWAIN driver in certain software applications, such as Pneumologis, an SC899 error occurs.
2. When a user executes a job in a SmartSDK application after using the Quick Scanner application, the home screen is displayed.

-----  
Version 02.04

Symptom corrected:

- If user authentication is enabled, the address book cannot be updated from Web Image Monitor when the device is in energy-saving mode.

-----  
Version 02.02

Specification Change:

- Supported RICOH SmartSDK v1.04.

Symptom corrected:

- Minor bug correction.

-----  
Version 02.01.01

Other changes:

(The program number suffix was updated).

-----  
Version 02.01

1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2019/11/01

-----  
[Program Name] System/Copy

-----  
[Version] 1.26

-----  
[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.] D2025574D

[File Information]

File Name        D2025574D.fwu

File Type        Module for Service

Size             27.18 MB ( 28504424 byte )

[File Information]

File Name        D2025574D.rfu

File Type        Module for Remote Upgrade

Size             27.19 MB ( 28512512 byte )

[Availability of RFU] Yes

-----  
[Production reflection] 2019/10

=====  
\*\*\* Note \*\*\*  
=====

[Note]

=====  
\*\*\* Important Notes \*\*\*  
=====

[Important Notes]

=====  
\*\*\* Modification History \*\*\*  
=====



=====  
[Modifications made:]

Rank C

Symptom corrected:

- The HDD might malfunction when the following conditions are met:
  - Auto Erase Memory Setting is enabled.
  - Sleep Mode Timer is set to more than 60 minutes or the Sleep Mode is disabled.
- The email account information for receiving internet faxes is not imported or exported.

-----  
[Modification history]

-----  
Version 1.25

Rank C

Other changes:

- Some SP numbers are added based on field request.

-----  
Version 1.24

Rank C

Symptom corrected:

- SC899 may occur after waking up from the energy save mode, more than 1000 times.
- Printer capture data might not be sent when printing a blank page if the capture function is enabled.
- SC899 might occur when Log capture is launched.
- Image log might not be sent and stay in the device.
- When scanning with ClearlightPDF JPEG2000, SC865-56 might occur.

-----  
Version 1.23

Rank C

Symptom corrected:

- The authentication error code is not correctly displayed on the monitor if the following conditions are met.
  - A user that is not registered in the Address Book logs in via Windows Authentication or LDAP Authentication.
  - The Address Book is full.
  - The Auto Deletion function of the Address Book is not enabled.
- The document receipt by Mail to Print function might not be printed, in case the device receives the document at either of the followings conditions;
  - 1) The device is turned on, but the booting procedure is not completed.
  - 2) The device is rebooted after SC, and the dialog of reboot is displayed on the device.
  - 3) The device is printing the document through Enhanced Locked Print.
- The scanner might stall when preview is enabled while scanning.
- SC998 may occur after waking up from the energy save mode, more than 1000 times.

Other changes:

- The wait timer for the startup of the SDK/J application can be increased through SP mode.  
SP5-101-190: PrimacyAppli WaitTimer  
0: 180 seconds

1: 360 seconds

-----  
Version 1.22

Rank C

Symptom corrected:

- When updating the address book via Group Destination Helper, the following issues might occur:
- A group can't be deleted.
- No more than 125 users can be added to a group.
- The protection code might disappear when updating the group information.
- The maximum number of digits for the protection code can't be set.
- If user authentication is set to something other than User Code, the Eco information screen might not be displayed at the expected timing when a user logs in.
- When the device is using "Card Authentication Package" or another custom authentication and then the following fields on the server are blank, the fields in the address book on the device might not be overwritten:
  - Email address
  - FAX address
  - Folder address
- Kerberos authentication might take time because the TCP timestamp starts with a zero.

-----  
Version 1.21

Symptom Corrected:

- 3G @Remote cannot connect.

Specification Changes:

- SP2-990-101, SP2-990-102, SP2-990-103 will be added to SMC data.

-----  
Version 1.20

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 v1.20 (D2025550Y)

Network Support v14.37 (D2025564P)

Web Support v1.09 (D2025560G)

Scanner v01.08 (D3A75704L)

OpePanel v1.06 (D2025563G)

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

-----  
Version 1.19

Symptom corrected:

- SC871-01(FCU Error) may occur after recovering from sleep mode.
- An abnormal image may appear in a saddle-stitched PostScript magazine job, if the booklet contains a blank page.
- SC672-11 may occur when rebooting the software after the installation of an SDK application.

Other changes:

- Added an SP setting for enabling or disabling the "Screen Monitoring" function.  
SP5-885-205: default = 0 ("Screen Monitoring" is enabled)

This firmware is dependent on Web Support firmware v1.08 (D2025560F) or later, so please be sure to update that firmware as well.

-----  
Version 1.18

Symptom corrected:

- Communication may fail, if the relationship between the host name and IP address on the DNS server are changed.
- If a jam occurs on the first page of a job on a machine set with user code authentication and then, the start button and log-out button are pressed together, the start button becomes ineffective.
- After entering the user code to start up the Copy application, the user code input screen does not disappear.
- Hard keys become ineffective on the Copy screen, if operated as follows:
  - \* Log in and copy either on the exposure glass or from ADF, or run a batch copy job.
  - \* Press the Stop key before the copies are delivered. Manually or automatically log out.
  - \* Log in again.
- SC991/SC899 may occur or stall may occur during use of application on @Remote connected machines.
- Connection error message may falsely appear on @Remote connected machines.
- SC819 may occur, if the auto log-out timer and the energy saving timer are set to the same value.
- If a user logs in to a device using custom authentication (CAP, etc.) and operates legacy scanner settings, a "Certified" dialog may be displayed and the user will be unable to operate the scanner.
- Setting paper on the Bypass tray automatically assigns the Bypass tray as the feed tray.
- The operation panel may freeze, if the Start button is pressed in copy mode immediately after recovering from the energy saver mode.
- When both of the following conditions are met, the Start key remains lit in red and copy jobs cannot be run:
  - \* While using the copy capture function
  - \* The machine enters the energy saver mode after copying on the exposure glass or copying in batch mode or in SADF mode

Other changes:

- More than five languages can be added to the "Change Langs. Widget" on the smart operation panel.
- The machine reboots automatically after an SC670.
- Added the following sub codes for SC670:
  - \* SC670-03:Engine start up error when the machine boots up
  - \* SC670-04:Communication error between the engine and controller

-----  
Version 1.17

Specification Change:

- The font used for some of the screens displayed on the operation panel was changed.

#### Error Correction:

1. Error occurs, if new addresses are continuously registered to the address book using Smart SDK.
2. 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.
3. Fax received is not printed and forwarded to the folder, if "Forwarding setting of Reception File Setting" is enabled.
4. SC819 may occur.

#### Other Changes:

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

---

#### Version 1.16

##### Symptom Corrected:

1. An error message appears, if the user presses the Start key when printing from the bypass tray.
2. When jobs are continuously being printed, if the next job is conducted from another tray before the last page of the previous job has been fed, pages from the printed documents might be mixed.
3. If a user is registered to CAP V2 with the same user name as the device administrator (admin), the user can be used to manually log in to the device if case insensitivity is set.
4. When the following settings are enabled, print jobs that have been conducted are not displayed on the job history screen:
  - On the operation panel: User Tools > Printer Features > System tab > Store and Skip Errored Job
  - In Web Image Monitor: Device Management > Configuration > Printer > Basic Settings > Store and Skip Errored Job

This firmware is dependent on Web Support firmware v1.06 (D2025560D) or later, so please be sure to update it.

---

#### Version 1.15

##### Symptom corrected:

1. When scanning an original containing multiple pages with the Twain driver, error (code: 36856) occurs on the client PC and scan stops midway.
2. Fax data encoded with Base64 is not correctly received.
3. [WebAPI] counter information cannot be obtained without logging in.
4. Offset (2nd)
5. Time required to start up the machine is longer than expected in low temp / low humidity environment.

#### Others:

Support of the following finishing options:

- Booklet Finisher SR3220
- Booklet Finisher SR3240
- Finisher SR3230

---

#### Version 1.14

Other changes:

A minor change only for the Japanese model.

-----  
Version 1.13

Symptom corrected:

1. When scanning with "Hungarian" or "Polish" selected under "Cognitive Language" in "OCR Settings", if the value of a Unicode character exceeds 256, then the character will be converted to a question mark ("?").

This firmware is dependent on the following firmware module. Please be sure to update it:

- Scanner firmware: v01.06 or later
2. SP default values were changed as follows to prevent black streaks that appear when scanning both sides of the original through the DF:
    - SP6-006-007 (Rear Edge Erase Front) :-2.3
    - SP6-006-008 (Rear Edge Erase Rear) :-2.3
    - SP6-006-014 (T-Edge Erase (1-Pass):Front) :-3.0
    - SP6-006-015 (T-Edge Erase (1-Pass): Rear) :-2.5
  3. SSP default value was changed as follows to prevent SC563 when the paper fed does not match with the specified paper size:
    - SP1-125-084(CPM Down Setting High:CPM:temp:F:Press Center) :180
  4. SP default values were changed as follows to prevent offset that occurs with thick paper and postcards:
    - SP1-105-023(Thick2:BW:Center) :140
    - SP1-105-027(Thick3:BW:Center) :140
    - SP1-105-143(Postcard:Center) :130

Other change:

- SP4-013-001/002 (Scanner Free Run), originally an SSP was changed to an SP.

-----  
Version 1.12

Symptom corrected:

1. If "Display" is selected under "Paper Confirmation for Bypass Tray," printing is available only in LEF.  
(User Tool -> Printer Features -> System -> Tray Setting Priority -> Paper Confirmation for Bypass Tray)
2. When the CTS protection function is enabled, the throughput for the wireless LAN connection is reduced.
3. When scanning documents of different sizes with all of the following configured, a send error occurs:
  - Set the original feed type setting for original orientation to "Readable orientation".
  - Enabling "Auto detect" and "Mixed original sizes".
  - Selecting any of the "Black & White" scanning settings.
  - Using multi-pass ADF and OCR.
4. An SC819 error might occur when using network-related functions, such as accessing Web Image Monitor.

-----  
Version 1.11

Symptom corrected:

1. Operation panel keys do not work or logout from User Authentication is not possible under the following conditions:
  - A Copy job with a large amount of originals is performed
  - Following this, the user presses the "Reset" key or accesses the All Job Stop screen
2. The Quick Scan app may freeze under the following conditions:
  - Scanning is set to display the Preview at the same time the data is being stored
  - The user displays the Preview after scanning is completed

-----  
Version 1.10

Symptom corrected:

- SC899 may occur when launching or making a copy with the SmartSDK Copy app.
- Key operations may not be recognized when the machine returns from System Settings to the previous screen.
- SC991-00 (Recoverable software operation error) may occur.
- Reception error may occur with W-NET FAX.
- SC672-11 (Controller start up error) may occur during Energy Saver mode.
- Machine operation not possible after the user tries to log out while there are still originals stacked in the ADF to be scanned.
- The "Mixed" notification is missing from the Copy Size list under "Capability".

-----  
Version 1.09

Symptom Corrected:

- When a title information is not displayed when an address book is registered via RICOH Device Manager NX series.
- Black line issue at edge area may occur early.
- High-frequency sound of a polygon motor is decreased shortened polygon rotation time.
- SC998 may occur when a device is restored from energy save mode by pushing a "Checking Status" button.

Other changes:

- Supports the Korea Narajantae model.
- The following SP is added to check estimated remain days and usage ratio for a waste toner bottle in SP mode.
  - P7-624-142 (Part Replacement Operation ON/OFF)
  - Note: If waster toner bottle information displays on PM counter list in SP mode, the value is needed to set to "1" after uploading this firmware version.
- Counter clear buttons in PM counter list in SP mode are deleted because they are not used.
- "Manual new set unit" button for a waster toner bottle is added on the following
- The following SP is added to set a new unit detection for a waster toner bottle manually.
  - SP3-701-142(Manual New Unit Set)

This firmware correction is dependent on the following firmware modules. Please be sure to update it:

Engine firmware V.1.09:03 (D2025501) or later

-----  
Version 1.08

Symptom Corrected:

Guest users (those who do not have authorized IDs or passwords) are able to perform remote jobs via the Web application when SP5-113-002 (External Optional Counter) is enabled.

-----  
Version 1.07

Symptom corrected:

1. SC899 may occur when creating a searchable PDF document.
2. The Java VM does not boot up at main power ON when SP5-730-001 is enabled.
3. Cannot use Copier function inside Smart SDK app if the Preferred Screen is not set to the Home or Copier.
4. The machine may stall while updating the Address Book if there is no HDD installed, or may stall while updating the controller or VM firmware.
5. The machine may stall ("Printing...") if a print job is received just after booting up.

Other changes:

1. The default values of the following SP modes were changed as shown.

- SP3-710-012 (Ini mu count offset): 6,000 --> 5,912
- SP6-116-001 (CrnrStplrMxPrstkShAdj: 2K/3KFIN A3 SEF): 0 --> -1
- SP6-116-002 (CrnrStplrMxPrstkShAdj: 2K/3KFIN B4 SEF): 0 --> -1
- SP6-116-003 (CrnrStplrMxPrstkShAdj: 2K/3KFIN A4 SEF): 0 --> -1
- SP6-116-004 (CrnrStplrMxPrstkShAdj: 2K/3KFIN A4 LEF): 0 --> -1
- SP6-116-005 (CrnrStplrMxPrstkShAdj: 2K/3KFIN B5 SEF): 0 --> -1
- SP6-116-006 (CrnrStplrMxPrstkShAdj: 2K/3KFIN B5 LEF): 0 --> -1
- SP6-116-007 (CrnrStplrMxPrstkShAdj: 2K/3KFIN DLT SEF): 0 --> -1
- SP6-116-008 (CrnrStplrMxPrstkShAdj: 2K/3KFIN LG SEF): 0 --> -1
- SP6-116-009 (CrnrStplrMxPrstkShAdj: 2K/3KFIN LT SEF): 0 --> -1
- SP6-116-010 (CrnrStplrMxPrstkShAdj: 2K/3KFIN LT LEF): 0 --> -1
- SP6-116-011 (CrnrStplrMxPrstkShAdj: 2K/3KFIN 8K SEF): 0 --> -1
- SP6-116-012 (CrnrStplrMxPrstkShAdj: 2K/3KFIN 16K SEF): 0 --> -1
- SP6-116-013 (CrnrStplrMxPrstkShAdj: 2K/3KFIN 16K LEF): 0 --> -1
- SP6-116-014 (CrnrStplrMxPrstkShAdj: 2K/3KFIN Other): 0 --> -1

2. The following were changed from SSP to SP mode.

- SP5-810-001 (SC Rest Fusing SC Reset)
- SP5-810-002 (SC Rest Hard High Temp. Detection)
- SP4-712-001:CIS (CIS GB Adj. Value: R)
- SP4-713-001:CIS (CIS GB Adj. Value: G)
- SP4-714-001:CIS (CIS GB Adj. Value: B)

-----  
Version 1.06

1st Mass production





an error occurs and "Invalid site certificate" is displayed in the browser.

-----  
Version 14.32

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 14.31

Symptom corrected:

- When performing IPP printing with the job spool enabled in Mac OS X 10.7 or later and iOS 6 or later, the document is not printed.

Other changes:

- When a site certificate that uses characters other than those specified by RFC5280 is imported to the device, the device will reject the import.

-----  
Version 14.30

Symptom corrected:

- Minor bug correction

-----  
Version 14.29

Symptom corrected:

Scan to SMB fails when the display language for the operation panel is set to Catalanian.

-----  
Version 14.28

Symptom corrected:

1. 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.
2. When the device repeatedly goes in and out of Energy Saver Mode while the legacy Browser application is running on the operation panel, an SC899 error might occur.

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 14.27

1st Mass production

question mark ("?").

This firmware is dependent on the following firmware module. Please be sure to update it:

- Scanner firmware: v01.06 or later

2. SP default values were changed as follows to prevent black streaks that appear when scanning both sides of the original through the DF:
  - SP6-006-007 (Rear Edge Erase Front) :-2.3
  - SP6-006-008 (Rear Edge Erase Rear) :-2.3
  - SP6-006-014 (T-Edge Erase (1-Pass):Front) :-3.0
  - SP6-006-015 (T-Edge Erase (1-Pass): Rear) :-2.5
3. SSP default value was changed as follows to prevent SC563 when the paper fed does not match with the specified paper size:
  - SP1-125-084(CPM Down Setting High:CPM:temp:F:Press Center) :180
4. SP default values were changed as follows to prevent offset that occurs with thick paper and postcards:
  - SP1-105-023(Thick2:BW:Center) :140
  - SP1-105-027(Thick3:BW:Center) :140
  - SP1-105-143(Postcard:Center) :130

Other change:

- SP4-013-001/002 (Scanner Free Run), originally an SSP was changed to an SP.

---

#### Version 1.12

Symptom corrected:

1. If "Display" is selected under "Paper Confirmation for Bypass Tray," printing is available only in LEF.  
(User Tool -> Printer Features -> System -> Tray Setting Priority -> Paper Confirmation for Bypass Tray)
2. When the CTS protection function is enabled, the throughput for the wireless LAN connection is reduced.
3. When scanning documents of different sizes with all of the following configured, a send error occurs:
  - Set the original feed type setting for original orientation to "Readable orientation".
  - Enabling "Auto detect" and "Mixed original sizes".
  - Selecting any of the "Black & White" scanning settings.
  - Using multi-pass ADF and OCR.
4. An SC819 error might occur when using network-related functions, such as accessing Web Image Monitor.

---

#### Version 1.11

Symptom corrected:

1. Operation panel keys do not work or logout from User Authentication is not possible under the following conditions:
  - A Copy job with a large amount of originals is performed
  - Following this, the user presses the "Reset" key or accesses the All Job Stop screen
2. The Quick Scan app may freeze under the following conditions:
  - Scanning is set to display the Preview at the same time the data is being

stored

- The user displays the Preview after scanning is completed

---

#### Version 1.10

##### Symptom corrected:

- SC899 may occur when launching or making a copy with the SmartSDK Copy app.
- Key operations may not be recognized when the machine returns from System Settings to the previous screen.
- SC991-00 (Recoverable software operation error) may occur.
- Reception error may occur with W-NET FAX.
- SC672-11 (Controller start up error) may occur during Energy Saver mode.
- Machine operation not possible after the user tries to log out while there are still originals stacked in the ADF to be scanned.
- The "Mixed" notification is missing from the Copy Size list under "Capability".

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#### Version 1.09

##### Symptom Corrected:

- When a title information is not displayed when an address book is registered via RICOH Device Manager NX series.
- Black line issue at edge area may occur early.
- High-frequency sound of a polygon motor is decreased shortened polygon rotation time.
- SC998 may occur when a device is restored from energy save mode by pushing a "Checking Status" button.

##### Other changes:

- Supports the Korea Narajantae model.
- The following SP is added to check estimated remain days and usage ratio for a waste toner bottle in SP mode.  
P7-624-142 (Part Replacement Operation ON/OFF)  
Note: If waster toner bottle information displays on PM counter list in SP mode, the value is needed to set to "1" after uploading this firmware version.
- Counter clear buttons in PM counter list in SP mode are deleted because they are not used.
- "Manual new set unit" button for a waster toner bottle is added on the following
- The following SP is added to set a new unit detection for a waster toner bottle manually.  
SP3-701-142(Manual New Unit Set)

This firmware correction is dependent on the following firmware modules. Please be sure to update it:

Engine firmware V.1.09:03 (D2025501) or later

---

#### Version 1.08

##### Symptom Corrected:

Guest users (those who do not have authorized IDs or passwords) are able to perform remote jobs via the Web application when SP5-113-002 (External Optional Counter) is enabled.

---

#### Version 1.07

Symptom corrected:

1. SC899 may occur when creating a searchable PDF document.
2. The Java VM does not boot up at main power ON when SP5-730-001 is enabled.
3. Cannot use Copier function inside Smart SDK app if the Preferred Screen is not set to the Home or Copier.
4. The machine may stall while updating the Address Book if there is no HDD installed, or may stall while updating the controller or VM firmware.
5. The machine may stall ("Printing...") if a print job is received just after booting up.

Other changes:

1. The default values of the following SP modes were changed as shown.

- SP3-710-012 (Ini mu count offset): 6,000 --> 5,912
- SP6-116-001 (CrnrStplrMxPrstkShAdj: 2K/3KFIN A3 SEF): 0 --> -1
- SP6-116-002 (CrnrStplrMxPrstkShAdj: 2K/3KFIN B4 SEF): 0 --> -1
- SP6-116-003 (CrnrStplrMxPrstkShAdj: 2K/3KFIN A4 SEF): 0 --> -1
- SP6-116-004 (CrnrStplrMxPrstkShAdj: 2K/3KFIN A4 LEF): 0 --> -1
- SP6-116-005 (CrnrStplrMxPrstkShAdj: 2K/3KFIN B5 SEF): 0 --> -1
- SP6-116-006 (CrnrStplrMxPrstkShAdj: 2K/3KFIN B5 LEF): 0 --> -1
- SP6-116-007 (CrnrStplrMxPrstkShAdj: 2K/3KFIN DLT SEF): 0 --> -1
- SP6-116-008 (CrnrStplrMxPrstkShAdj: 2K/3KFIN LG SEF): 0 --> -1
- SP6-116-009 (CrnrStplrMxPrstkShAdj: 2K/3KFIN LT SEF): 0 --> -1
- SP6-116-010 (CrnrStplrMxPrstkShAdj: 2K/3KFIN LT LEF): 0 --> -1
- SP6-116-011 (CrnrStplrMxPrstkShAdj: 2K/3KFIN 8K SEF): 0 --> -1
- SP6-116-012 (CrnrStplrMxPrstkShAdj: 2K/3KFIN 16K SEF): 0 --> -1
- SP6-116-013 (CrnrStplrMxPrstkShAdj: 2K/3KFIN 16K LEF): 0 --> -1
- SP6-116-014 (CrnrStplrMxPrstkShAdj: 2K/3KFIN Other): 0 --> -1

2. The following were changed from SSP to SP mode.

- SP5-810-001 (SC Rest Fusing SC Reset)
- SP5-810-002 (SC Rest Hard High Temp. Detection)
- SP4-712-001:CIS (CIS GB Adj. Value: R)
- SP4-713-001:CIS (CIS GB Adj. Value: G)
- SP4-714-001:CIS (CIS GB Adj. Value: B)

-----  
Version 1.06

1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2017/11/20  
-----

[Program Name] Fax  
-----

[Version] 10.00.00  
-----

[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.] D2025557M

[File Information]

File Name      D2025557M.fwu

File Type      Module for Service

Size           2.42 MB ( 2535300 byte )

[File Information]

File Name      D2025557M.rfu

File Type      Module for Remote Upgrade

Size           2.42 MB ( 2539776 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2017/10  
-----

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\*\*\* Note \*\*\*  
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[Note]  
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\*\*\* Important Notes \*\*\*  
=====

[Important Notes]  
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=====  
\*\*\* Modification History \*\*\*  
=====

[Modifications made:]

Symptom Corrected:

- SC899 might occur if there are multiple FAX alerts.

-----  
[Modification history]  
-----

Version 09.00.00

Symptom corrected:

- SC871-01(FCU Error) may occur after recovering from sleep mode.

-----  
Version 08.00.00

Symptom corrected:

- If logged in with user authentication, FAX settings for Auto Print FAX Journal (SWUSR\_03, bit7) and setting whether or not to include sender name in reports (SWUSR\_04, bit5) may change after logging out.
- SC899 may occur when logging out from a machine with the user authentication enabled.
- Fax application may stall when recovering from energy saving mode.

-----  
Version 07.00.00

Other Changes:

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

-----  
Version 06.00.00

Symptom corrected:

- The sender name may be printed even when the printing of the sender name is disabled.

-----  
Version 05.00.00

Symptom Corrected:

- A system warning is not displayed when the FAX function is launched.
- The login screen is not displayed while Basic Authentication is enabled.
- SC899 (software performance error) may occur when launching Easy FAX.
- FAX transmission may fail.
- SC899 (software performance error) may occur on the Main machine if a Remote FAX is sent from the Sub machine.
- SC899 (software performance error) may occur if the pre-transmission Preview is enabled.

- The FAX function may not start up following continuous FAX communication.
- Bug with notices for stored reception files.

-----  
Version 04.00.00

Symptom corrected:

1. SC899 may occur on the main machine if a Remote FAX is sent from the sub machine.
2. The machine may freeze (which can only be cleared by power OFF/ON) if a FAX is received while performing a Copy job that will require at least 5 minutes to complete set for duplex, multi-page, and stapling.

-----  
Version 03.00.00

1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2018/10/19  
-----

[Program Name] Web Support  
-----

[Version] 1.10  
-----

[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.] D2025560H

[File Information]

File Name D2025560H.fwu

File Type Module for Service

Size 6.53 MB ( 6846108 byte )

[File Information]

File Name D2025560H.rfu

File Type Module for Remote Upgrade

Size 6.54 MB ( 6852864 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2018/10  
-----

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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 \*\*\*  
=====



=====  
[Modifications made:]

Rank C

Other changes:

- The following values can be set with solution software that uses SOAP I/F.
- "SNMPv3 Setting"
  - SNMPv3 Trap Communication
  - Encryption Algorithm
  - Permit SNMPv3 Communication
- "Program/Change Administrator"
  - Encryption Password

-----  
[Modification history]

-----  
Version 1.09

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 v1.20 (D2025550Y)

Network Support v14.37 (D2025564P)

Web Support v1.09 (D2025560G)

Scanner v01.08 (D3A75704L)

OpePanel v1.06 (D2025563G)

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

-----  
Version 1.08

Other changes:

- Added an SP setting for enabling or disabling the "Screen Monitoring" function.  
SP5-885-205: default = 0 ("Screen Monitoring" is enabled)

This firmware is dependent on System/Copy firmware v1.19 (D2025550X) or later,  
so please be sure to update that firmware as well.

-----  
Version 1.07

Other changes:

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

-----  
Version 1.06

Symptom corrected:

- When the following settings are enabled, print jobs that have been conducted are not displayed on the job history screen:
  - On the operation panel: User Tools > Printer Features > System tab > Store and Skip Errored Job
  - In Web Image Monitor: Device Management > Configuration > Printer > Basic Settings > Store and Skip Errored Job

This firmware is dependent on System/Copy firmware v1.16(D2025550T) or later, so please be sure to update it.

-----  
Version 1.05  
1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2019/11/01

-----  
[Program Name] Network Support

-----  
[Version] 14.43.2

-----  
[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.] D2025564V

[File Information]

File Name        D2025564V.fwu

File Type        Module for Service

Size             10.17 MB ( 10662336 byte )

[File Information]

File Name        D2025564V.rfu

File Type        Module for Remote Upgrade

Size             10.18 MB ( 10670336 byte )

[Availability of RFU] Yes

-----  
[Production reflection] 2019/10

=====  
\*\*\* Note \*\*\*  
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[Note]

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

=====  
\*\*\* Modification History \*\*\*  
=====

=====  
[Modifications made:]

Rank C

Symptom corrected:

- A vulnerability (CVE-2019-1559) to a Padding Oracle Attack on CBC encryption has been fixed.
- To activate this fix, CBC mode must be disabled after updating the firmware.
- msh> set cbc down
- msh> logout
- Enter "yes" to save the changes.

-----  
[Modification history]

-----  
Version 14.41

Rank C

Symptom corrected:

- DNS name resolution for the device might fail if DDNS is enabled in a DHCPv6 environment.
- There is a probability (1/256) that the SSL connection to the device will fail if the connecting component doesn't have a process to retry the SSL connection.

-----  
Version 14.40

Rank C

Symptom corrected:

- If the device has not been used a significant amount of times, functions that require a network connection might fail.
- When conducting Scan to Folder in a high-load network environment, the device's status gets stuck on sending and the scanner becomes unusable.
- When conducting Scan to Folder using SMBv2/v3, if the device receives UDP communication from the outside to the port used by SMBv2/v3, Scan to Folder might fail.

-----  
Version 14.39

Rank C

Symptom corrected:

- SMB client timeout configuration is not correctly applied in the device.
- SC899 occurs when conducting Scan to Folder, and the device might automatically restart.
- When conducting Scan to Folder, if a host name is resolved to multiple IP addresses by NBNS, the device tries to connect to only the first resolved IP address.
- When a HP device is working on the same subnet, Scan to Folder will fail.
- Network browsing sometimes fails when conducting Scan to Folder.
- SC819 might occur after ARFU or RFU.
- The device might freeze during data transmission when conducting Scan to Folder with SMBv2/v3.

-----  
Version 14.38

Symptom corrected:

1. When using Scan to Folder (SMB), any of the following conditions may cause SMB communication to fail:
  - A computer name which includes 2-byte characters (e.g. Chinese characters) is set as the destination path.
  - A user name which includes 2-byte characters is used for authentication.
  - Attempting to browse the network from the device for a computer name which includes 2-byte characters.
2. On a device with SMBv2/v3 firmware, when sending a scanned or fax document using the Hotfolder plug-in for GlobalScan or StreamlineNX, an "incorrect" document may be sent to the destination and may be lost the original document.

-----  
Version 14.37

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 v1.20 (D2025550Y)

Network Support v14.37 (D2025564P)

Web Support v1.09 (D2025560G)

Scanner v01.08 (D3A75704L)

OpePanel v1.06 (D2025563G)

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

-----  
Version 14.36

Symptom corrected:

- 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.

-----  
Version 14.35

Symptom Corrected:

- When the device is set to use "IEEE 802.1X" and "TLS1.2" is set to "active", authentication will fail.

-----  
Version 14.34

Other Changes:

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

-----  
Version 14.33

Symptom corrected:

When an site certificate is imported to the device from Web Image Monitor,

an error occurs and "Invalid site certificate" is displayed in the browser.

-----  
Version 14.32

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 14.31

Symptom corrected:

- When performing IPP printing with the job spool enabled in Mac OS X 10.7 or later and iOS 6 or later, the document is not printed.

Other changes:

- When a site certificate that uses characters other than those specified by RFC5280 is imported to the device, the device will reject the import.

-----  
Version 14.30

Symptom corrected:

- Minor bug correction

-----  
Version 14.29

Symptom corrected:

Scan to SMB fails when the display language for the operation panel is set to Catalanian.

-----  
Version 14.28

Symptom corrected:

1. 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.
2. When the device repeatedly goes in and out of Energy Saver Mode while the legacy Browser application is running on the operation panel, an SC899 error might occur.

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 14.27

1st Mass production



=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2018/10/19  
-----

[Program Name] NetworkDocBox  
-----

[Version] 1.09  
-----

[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.] D2025565M

[File Information]

File Name        D2025565M.fwu

File Type        Module for Service

Size             2.14 MB ( 2243000 byte )

[File Information]

File Name        D2025565M.rfu

File Type        Module for Remote Upgrade

Size             2.14 MB ( 2248960 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2018/10  
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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:

- When the OCR setting is enabled, PDF downloads might fail resulting in being unable to connect to the Web Image Monitor.
- When the following conditions are met, SC899 and SC991 might occur:
  - Job Log collection is being performed.
  - The document being faxed is targeted for capture, and the fax is sent.
- When downloading a scanned document that includes a mix of monochrome and grayscale pages from Web Image Monitor or Scan to URL, an error occurs and the document cannot be downloaded.

Other changes:

- The following values can be set with solution software that uses SOAP I/F.
- "SNMPv3 Setting"
  - SNMPv3 Trap Communication
  - Encryption Algorithm
  - Permit SNMPv3 Communication
- "Program/Change Administrator"
  - Encryption Password

-----  
[Modification history]

-----  
Version 1.08

Symptom corrected:

- If a device management tool, such as Device Manager NX, is used, an SC899 error might occur when an IC card is used to log in.

-----  
Version 1.07

Symptoms corrected:

1. When attempting to log in to a device management service, such as DeskTopBinder, with a specific user account, a guest account might be used instead.
2. An SC899 error might occur when Device Manager NX Accounting frequently requests a device log collection.
3. When attempting to back up the address book from Device Manager NX, the backup will fail and printer, copy, scan, and fax jobs cannot be conducted.
4. If the device is turned on or is accessed from an application, the guest user authentication logs remain as access logs.

Other changes:

- Support for user code authentication in applications that use Web Browser NX.

-----  
Version 1.06

Symptom corrected:

- If a user logs in to a device via Basic Authentication just after the device is started up, the Smart Operation Panel application may not work as expected.
- Pressing the copy program button may cause the operation panel to

become inactive for 30 sec followed by SC997.

-----  
Version 1.05  
Other changes:  
Changes were applied for the domestic (Japan) model only.

-----  
Version 1.04  
Other Change:  
- Supported RICOH SmartSDK v1.04.

-----  
Version 1.03  
Symptom corrected:  
- SC997 will occur if a user logs in to an MFP via an SDK application when the device management software is collecting the Volume Use Counter.

-----  
Version 1.02  
1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2019/11/01

-----  
[Program Name] PCL

-----  
[Version] 1.13

-----  
[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.] D2025566M

[File Information]

File Name        D2025566M.fwu

File Type        Module for Service

Size             1.45 MB ( 1517456 byte )

[File Information]

File Name        D2025566M.rfu

File Type        Module for Remote Upgrade

Size             1.45 MB ( 1523968 byte )

[Availability of RFU] Yes

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[Production reflection] 2019/10

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

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

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

Rank C

Symptom corrected:

- Double-byte characters of Asian languages such as Japanese, Chinese, and Korean might be missing.

-----  
[Modification history]

-----  
Version 1.12

Rank C

Symptom corrected:

- If printing PCL5 data after installing the Andale font on the machine, some Chinese characters might not be printed.

-----  
Version 1.11

Rank C

Symptom corrected:

- The overlay image might not be correctly printed with PCL.

-----  
Version 1.10

Symptom corrected:

- When printing the contents of an A3 size document on A4 size paper via Direct printing, the text might be distorted.

-----  
Version 1.09

Symptom corrected:

1. 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)
2. 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)
3. An error might occur while printing a job when "Unauthorized Copy Prevention" is enabled and asterisks are included with characters in the "Enter User Text".
4. An SC899 error occurs when using the PCL6 driver to print a PDF from the Reader application in Windows 8.1. (GFPR#RA15050002)

-----  
Version 1.08

Symptom corrected:

1. Some lines and/or borders might be missing from PCL jobs. (GFPR#RC16040013)
2. An SC899 error might occur when printing a PCL job which contains reduce or enlarge image. (GFPR#RE16020028)
3. A blank page or missing image is printed out if the Print data created by certain applications (such as Microsoft Excel 2010) contains a significant amount of graphics and/or transparent objects.

4. An SC899 error might occur when graphics are drawn by the RGB Brush.  
(GFPR#RE15100026)

-----  
Version 1.07

Symptom corrected:

1. When printing a PCL vector job that contains an image with transparent parts that the PCL driver generates, the transparent parts are printed in black.(GFPR#RE14040024)
2. When printing a excel sheet that contains images that drawn by collar custom brush, the job may be canceled.
3. When "Unauthorized Copy Prevention Printing: Printer" is enabled, an error might occur, causing the job to be cancelled.(GFPR#RA14120002)

-----  
Version 1.06

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 1.05

Symptom corrected:

- 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.

-----  
Version 1.04

Symptom corrected:

1. When the print settings are changed for a stored document that includes a banner page, the changed settings are not applied when the document is printed.
2. 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)

-----  
Version 1.03

1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2019/10/30

-----  
[Program Name] Java VM v12 std UpdateTool

-----  
[Version] 12.67.00

-----  
[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.] D2025567V\_upd

[File Information]

File Name        D2025567V\_upd.exe

File Type        Module for Service

Size             59.70 MB ( 62599924 byte )

Check Sum -8Bit Sum: 794C

                 -16Bit Sum(Little Endian): 6566

                 -16Bit Sum(Big Endian): 5FE6

[Availability of RFU] No

-----  
[Production reflection] 2019/10

=====  
\*\*\* Note \*\*\*  
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[Note]

=====  
\*\*\* Important Notes \*\*\*  
=====

[Important Notes]

=====  
\*\*\* Modification History \*\*\*  
=====

[Modifications made:]

Rank C

Symptom corrected:

- If the "Below 128 bit SSL Key" prevention setting is activated under the "Select Available Functions" menu, it may not be correctly applied to the machine.
- When the amount of file descriptor, used on JavaVM, is 256 or more, a certain print command from the SDK application might cause an error.
- Application installation using Remote Install Manager through IEEE 802.11 Interface Unit might be failed.

-----  
[Modification history]

-----  
Version 12.65.01

Rank C

Symptom corrected:

- Errors might be occurred by using the Globalscan.
- SDK application might not startup if the Stream Line NX settings changed.
- When JavaVM launched "NullPointerException" error message may be displayed, and JavaVM startup may fail.

-----  
Version 12.61.03

Rank C

Symptom corrected:

- The package firmware might not be updated if the firmware includes an application that needs to be rebooted when updated.

Other changes:

- Login might fail if attempting to log in with an IC card while the On-demand Print screen is displayed.

-----  
Version 12.60.02

Rank C

Symptom corrected:

- Gloria don't start up when power off/on then system settings can't be used.

Other changes:

- Minor changes for its internal operations.

-----  
Version 12.57.00

Symptom corrected:

- SC899-00 may occur if logging in from a keyboard.
- FAX cannot be transmitted if CAP v2 is installed.
- The wrong JavaVM firmware can be mistakenly installed on any machine,

possibly leading to unexpected errors occurring with JavaVM or bootup failing.

- The printing speed is not as fast as the past model if CAP V2 is installed.

-----  
Version 12.54.00

Symptom corrected:

- SDK applications (e.g. Streamline NX, GlobalScan NX, CAP/ELP) may not be able to start during the boot process due to a Java VM error.
- If only IPv6 is enabled on the device, utility tools (e.g. Device Manager NX family or Streamline NX v3) will fail to install applications remotely.
- The following issues occur if any device certificate is imported using the Device Manager NX Enterprise Certificate Management Tool.
  - Device Manager NX Enterprise fails to retrieve the information about the application(s) installed on the device.
  - GlobalScan NX fails to apply profiles or retrieve device information when using the AdminTool.
- The SDK application icon might not be displayed after recovering from energy saving mode under the following conditions:
  - An SDK application is set as a priority function.
  - An SDK application is set as a function key.

-----  
Version 12.46.01

Symptom corrected:

- Replacing with a new controller board installed with the latest Java VM version may disallow downgrading to previous version or retrieve customized version and cause trouble for users who wish to use specific or customized versions.
- When the relationship between the host name and the IP address on the DNS server is modified, Java VM might not recognize the change.
- If the "Chng Stgs" button is pressed after pressing the "Preview" button in ELP-NX, the "Change Print Settings" configuration may not be set correctly.
- After applying the security update that changes the priority order for cipher suites, SSL communication fails between an application that includes an SSL server function and the Windows operating system.
- When "Tracking Permission" and "Stop Printing" are enabled in "Enhanced Print Volume Limitation", processing of the job might fail.
- SDK application behavior may be incorrect or inconsistent. (CAP/ELP/SLNX/GSNX/etc.)  
Both the Standard (Compatibility mode) application and the SOP Optimized (Hybrid mode) application are affected by these issues.
  - Cannot log in.
  - Cannot scan.
  - Cannot print.
  - Error message appears.etc.
- When conducting location-free printing or authentication processing by using a solution product, an SC899 error might occur or Java VM might close unexpectedly and an SC error related to Java VM not responding might occur.
- The DSDK application fails to connect to the LDAP server when using Kerberos authentication.



-----  
Version 12.39.02

Symptom corrected:

- Sending fax from the document server using IPv4-mapped address may result in an error.
- An alert message unrelated to scan operation (for example, JAM) appears across the entire screen of the operation panel, disabling scan operation.

-----  
Version 12.30.01

Symptom corrected:

- ESA applications that support distribution of inbound FAX documents (such as GlobalScan or SLNX SFM) will deliver inbound FAX documents that include the metadata from other FAX jobs.
- If an ESA application is installed to or uninstalled from multiple PCs via Remote Install Manager or SLNX ADM at the same time, the application may not detect the device status for the other installations/uninstallations.

-----  
Version 12.18.11

Symptom corrected:

- Machine may stall, if scanned from the contact glass with Size Setting disabled.
- SC637 may occur, if the machine is shut down while printing.

-----  
Version 12.16.00

Symptom corrected:

- Job cannot resume and the machine remains on-line, if paper near-end occurs while printing General format files.

-----  
Version 12.13.04

Symptom corrected:

CAP V2 is disabled if the machine switches to Energy Saver mode during the CAP V2 start-up just following power ON.

-----  
Version 12.12.06

Symptom corrected:

- Java VM may not start up correctly if the main power switch is turned OFF about three minutes after the "Success" banner is displayed following a successful update of the Java VM using the update tool.
  - If Kerberos authentication is performed with an ESA application (e.g. CAP v2, Streamline NX), the handling cannot time out even if the specified time expires.
-

## Version 12.11.04

### Symptom corrected:

- The machine cannot enter Energy Saver Mode after repeatedly entering and recovering from the mode.
- If the following is repeated, devices with CAP v2 installed will stall or behave slowly.  
Log in to the device --> Switch to energy save mode --> Return from energy save mode
- When "OCR Settings" is set to "On", if the keywords in a PDF file are scanned by selecting a language other than "Japanese" in the "Cognitive Language" setting, the position of the search results might be incorrect. The OCR scanned PDF function of GlobalScan NX serverless edition corresponds this bug fix.
- When Java VM is updated via Remote Install Manager, the stack size may be reset to the default size from the specified size.
- When an ESA application remains in an offline state such as an ESA application accesses the device HDD or entering SP mode, if the device switches to offline mode (such as when entering UP), the device may stall.
- When an ESA application is installed via Remote Install Manager, the heap size may be reset to the default size from the specified size.
- In the case that Streamline NX is installed (with the PKI module) on the following models, authentication may not be performed.
  - MP W7100/W8140/W6700
  - Pro C7100S/C7100SX
- If an ESA application that uses Administrator Authentication Management, User Authentication Management, or Enhanced External Charge Unit Management (e.g. CAP v2, Streamline NX) stops during logout handling, the logout cannot be completed.

### Other changes:

- Selected languages can be managed per user on devices with an ESA application installed that uses Enhanced External Charge Unit Management (e.g. Streamline NX v2.4 or later). For customers with many users that use different languages, the language displayed on the devices can be switch to each user's preferred language.

## Version 12.07.06

### Symptom corrected:

- Even though activation for CAP v2 (Hybrid mode) was not successful, it is displayed as successful in Remote Install Manager.
- In the case that "Allow" is selected for "Print jobs without user names" in a Streamline NX AAM-E device template, jobs sent directly from the host system to a device can be printed immediately even though the jobs do not contain user information.

## Version 12.06.01

### Symptom corrected:

- SC997 may occur after restarting the device when the ESA application is online-installed using Remote Install Manager and the ESA application is set as function priority.
- SC997/998 may occur when changing ESA application or

transitioning/recovering energy saver mode.

- When the ESA application tries to switch under a heavy load and an SC997 occurs, the application cannot switch even after the SC997 is resolved.

-----  
Version 12.04.09

1st Mass production

\*\*\* Basic Information \*\*\*

[Create date] 2019/10/31

[Program Name] Java VM v12 std for eDC

[Version] 12.67.00

[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.] D2025567V\_edc

[File Information]

File Name D2025567V\_edc.ifu

File Type Module for Service

Size 59.86 MB ( 62765764 byte )

[Availability of RFU] No

[Production reflection] 2019/10

\*\*\* Note \*\*\*

[Note]

\*\*\* Important Notes \*\*\*

[Important Notes]

\*\*\* Modification History \*\*\*

[Modifications made:]

Rank C

Symptom corrected:

- If the "Below 128 bit SSL Key" prevention setting is activated under the "Select Available Functions" menu, it may not be correctly applied to the machine.
- When the amount of file descriptor, used on JavaVM, is 256 or more, a certain print command from the SDK application might cause an error.
- Application installation using Remote Install Manager through IEEE 802.11 Interface Unit might be failed.

-----  
[Modification history]  
-----

Version 12.65.01

Rank C

Symptom corrected:

- Errors might be occurred by using the Globalscan.
- SDK application might not startup if the Stream Line NX settings changed.
- When JavaVM launched "NullPointerException" error message may be displayed, and JavaVM startup may fail.

-----  
Version 12.61.03

Rank C

Symptom corrected:

- The package firmware might not be updated if the firmware includes an application that needs to be rebooted when updated.

Other changes:

- Login might fail if attempting to log in with an IC card while the On-demand Print screen is displayed.

-----  
Version 12.60.02

Rank C

Symptom corrected:

- Gloria don't start up when power off/on then system settings can't be used.

Other changes:

- Minor changes for its internal operations.

-----  
Version 12.57.00

Symptom corrected:

- SC899-00 may occur if logging in from a keyboard.
- FAX cannot be transmitted if CAP v2 is installed.
- The wrong JavaVM firmware can be mistakenly installed on any machine, possibly leading to unexpected errors occurring with JavaVM or bootup failing.
- The printing speed is not as fast as the past model if CAP V2 is installed.

---

#### Version 12.54.00

##### Symptom corrected:

- SDK applications (e.g. Streamline NX, GlobalScan NX, CAP/ELP) may not be able to start during the boot process due to a Java VM error.
- If only IPv6 is enabled on the device, utility tools (e.g. Device Manager NX family or Streamline NX v3) will fail to install applications remotely.
- The following issues occur if any device certificate is imported using the Device Manager NX Enterprise Certificate Management Tool.
  - Device Manager NX Enterprise fails to retrieve the information about the application(s) installed on the device.
  - GlobalScan NX fails to apply profiles or retrieve device information when using the AdminTool.
- The SDK application icon might not be displayed after recovering from energy saving mode under the following conditions:
  - An SDK application is set as a priority function.
  - An SDK application is set as a function key.

---

#### Version 12.46.01

##### Symptom corrected:

- Replacing with a new controller board installed with the latest Java VM version may disallow downgrading to previous version or retrieve customized version and cause trouble for users who wish to use specific or customized versions.
- When the relationship between the host name and the IP address on the DNS server is modified, Java VM might not recognize the change.
- If the "Chng Stgs" button is pressed after pressing the "Preview" button in ELP-NX, the "Change Print Settings" configuration may not be set correctly.
- After applying the security update that changes the priority order for cipher suites, SSL communication fails between an application that includes an SSL server function and the Windows operating system.
- When "Tracking Permission" and "Stop Printing" are enabled in "Enhanced Print Volume Limitation", processing of the job might fail.
- SDK application behavior may be incorrect or inconsistent. (CAP/ELP/SLNX/GSNX/etc.)  
Both the Standard (Compatibility mode) application and the SOP Optimized (Hybrid mode) application are affected by these issues.
  - Cannot log in.
  - Cannot scan.
  - Cannot print.
  - Error message appears.etc.
- When conducting location-free printing or authentication processing by using a solution product, an SC899 error might occur or Java VM might close unexpectedly and an SC error related to Java VM not responding might occur.
- The DSDK application fails to connect to the LDAP server when using Kerberos authentication.

---

#### Version 12.39.02

##### Symptom corrected:

- Sending fax from the document server using IPv4-mapped address may result in an error.
- An alert message unrelated to scan operation (for example, JAM) appears across the entire screen of the operation panel, disabling scan operation.

-----  
Version 12.30.01

Symptom corrected:

- ESA applications that support distribution of inbound FAX documents (such as GlobalScan or SLNX SFM) will deliver inbound FAX documents that include the metadata from other FAX jobs.

-----  
Version 12.18.11

Symptom corrected:

- Machine may stall, if scanned from the contact glass with Size Setting disabled.
- SC637 may occur, if the machine is shut down while printing.

-----  
Version 12.16.00

Symptom corrected:

- Job cannot resume and the machine remains on-line, if paper near-end occurs while printing General format files.

-----  
Version 12.13.04

Symptom corrected:

CAP V2 is disabled if the machine switches to Energy Saver mode during the CAP V2 start-up just following power ON.

-----  
Version 12.12.06

Symptom corrected:

- Java VM may not start up correctly if the main power switch is turned OFF about three minutes after the "Success" banner is displayed following a successful update of the Java VM using the update tool.
- If Kerberos authentication is performed with an ESA application (e.g. CAP v2, Streamline NX), the handling cannot time out even if the specified time expires.

-----  
Version 12.11.04

Symptom corrected:

- The machine cannot enter Energy Saver Mode after repeatedly entering and recovering from the mode.
- If the following is repeated, devices with CAP v2 installed will stall or behave slowly.  
Log in to the device --> Switch to energy save mode --> Return

from energy save mode

- When "OCR Settings" is set to "On", if the keywords in a PDF file are scanned by selecting a language other than "Japanese" in the "Cognitive Language" setting, the position of the search results might be incorrect. The OCR scanned PDF function of GlobalScan NX serverless edition corresponds this bug fix.
- When Java VM is updated via Remote Install Manager, the stack size may be reset to the default size from the specified size.
- When an ESA application remains in an offline state such as an ESA application accesses the device HDD or entering SP mode, if the device switches to offline mode (such as when entering UP), the device may stall.
- When an ESA application is installed via Remote Install Manager, the heap size may be reset to the default size from the specified size.
- In the case that Streamline NX is installed (with the PKI module) on the following models, authentication may not be performed.
  - MP W7100/W8140/W6700
  - Pro C7100S/C7100SX
- If an ESA application that uses Administrator Authentication Management, User Authentication Management, or Enhanced External Charge Unit Management (e.g. CAP v2, Streamline NX) stops during logout handling, the logout cannot be completed.

Other changes:

- Selected languages can be managed per user on devices with an ESA application installed that uses Enhanced External Charge Unit Management (e.g. Streamline NX v2.4 or later). For customers with many users that use different languages, the language displayed on the devices can be switch to each user's preferred language.

-----  
Version 12.07.06

Symptom corrected:

- Even though activation for CAP v2 (Hybrid mode) was not successful, it is displayed as successful in Remote Install Manager.
- In the case that "Allow" is selected for "Print jobs without user names" in a Streamline NX AAM-E device template, jobs sent directly from the host system to a device can be printed immediately even though the jobs do not contain user information.

-----  
Version 12.06.01

Symptom corrected:

- SC997 may occur after restarting the device when the ESA application is online-installed using Remote Install Manager and the ESA application is set as function priority.
  - SC997/998 may occur when changing ESA application or transitioning/recovering energy saver mode.
  - When the ESA application tries to switch under a heavy load and an SC997 occurs, the application cannot switch even after the SC997 is resolved.
-



Version 12.04.09  
1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2017/07/28  
-----

[Program Name] animation  
-----

[Version] 5.00  
-----

[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.] D2015562D

[File Information]

File Name      D2015562D.fwu

File Type      Module for Service

Size            9.50 MB ( 9959892 byte )

[File Information]

File Name      D2015562D.rfu

File Type      Module for Remote Upgrade

Size            9.50 MB ( 9965824 byte )

[Availability of RFU] Yes  
-----

[Production reflection]  
-----

=====  
\*\*\* Note \*\*\*  
=====

[Note]  
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=====  
\*\*\* Important Notes \*\*\*  
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[Important Notes]  
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=====  
\*\*\* Modification History \*\*\*  
=====

[Modifications made:]

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 v1.20 (D2015550X)

Network Support v14.37 (D2015564N)

Web Support v2.04 (D2015560E)

Scanner v02.10 (D2015571K)

Amination v5.00 (D2015562D)

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

-----  
[Modification history]  
-----

Version 4.00

Symptom corrected:

- On machines with the language set to Russian, "No" is mistranslated to "Yes" in the message that appears when printed from a USB memory stick.

-----  
Version 3.00

Specification Change:

- The font used for some of the screens displayed on the operation panel was changed.

Other Changes:

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

-----  
Version 2.00

Symptom Corrected:

1. Traditional Chinese: "Print" is incorrectly displayed as "Copy" on the Print Volume Use Limitation screen (System Settings).
2. Portuguese: "Gestao de" is incorrectly displayed as "Selecionar band. papel" on the Program/Change Administrator screen (Printer Features).

-----  
Version 1.00

1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2017/07/28  
-----

[Program Name] OpePanel  
-----

[Version] 1.06  
-----

[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,f,e,d,i,nl,s,n,dk,sf,p,pl,h,cz,ru,sc,tc,kr,br,tr,ca,gr)

[Firmware No.] D2025563G

[File Information]

File Name      D2025563G.fwu

File Type      Module for Service

Size            50.63 MB ( 53085296 byte )

[File Information]

File Name      D2025563G.rfu

File Type      Module for Remote Upgrade

Size            50.63 MB ( 53092608 byte )

[Availability of RFU] Yes  
-----

[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 \*\*\*  
=====

[Modifications made:]

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 v1.20 (D2025550Y)

Network Support v14.37 (D2025564P)

Web Support v1.09 (D2025560G)

Scanner v01.08 (D3A75704L)

OpePanel v1.06 (D2025563G)

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

-----  
[Modification history]  
-----

Version 1.05

Specification Change:

- The font used for some of the screens displayed on the operation panel was changed.

Other Changes:

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

-----  
Version 1.04

Symptom Corrected:

1. Traditional Chinese: "Print" is incorrectly displayed as "Copy" on the Print Volume Use Limitation screen (System Settings).
2. Portuguese: "Gestao de" is incorrectly displayed as "Selecionar band. papel" on the Program/Change Administrator screen (Printer Features).

-----  
Version 1.03

1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2019/11/01  
-----

[Program Name] Scanner  
-----

[Version] 01.10  
-----

[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.] D3A75704N

[File Information]

File Name       D3A75704N.fwu

File Type       Module for Service

Size            2.10 MB ( 2205908 byte )

[File Information]

File Name       D3A75704N.rfu

File Type       Module for Remote Upgrade

Size            2.11 MB ( 2212096 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2019/10  
-----

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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 \*\*\*  
=====

=====  
[Modifications made:]

Rank C

Symptom corrected:

- When the Capture Setting and User Code authentication are enabled, the scanned images from some applications are recorded in the log with the wrong user name or are not recorded.
- When sending a saved document, the captured image file might not be sent if a SmartSDK scanner application is installed.

-----  
[Modification history]

-----  
Version 01.09

Rank C

Symptom corrected:

- If the log capture function is enabled when scanning with the SmartSDK application, cancelling the scan job while the preview is displayed might cause the information of the captured image file to be recorded incorrectly.

-----  
Version 01.08

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 v1.20 (D2025550Y)

Network Support v14.37 (D2025564P)

Web Support v1.09 (D2025560G)

Scanner v01.08 (D3A75704L)

OpePanel v1.06 (D2025563G)

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

-----  
Version 01.07

Symptom corrected:

1. When opening a program after Simple Screen has been applied on the home screen, the program settings are not retrieved.
2. Max. Email Size for scanner send settings cannot be configured via DMNX.

-----  
Version 01.06

Symptom corrected:

- When scanning with "Hungarian" or "Polish" selected under "Cognitive Language" in "OCR Settings", if the value of a Unicode character exceeds 256, then the character will be converted to a question mark ("?").

This firmware is dependent on the following firmware module. Please

be sure to update it:

- System/Copy firmware: v1.13 or later

-----  
Version 01.05

Symptom corrected:

- When Simplified Chinese is selected in the "Insert Additional Email Info" setting in Send Settings, text in an email sent by using Scan to URL is garbled.

-----  
Version 01.04

Symptom corrected:

1. When using a TWAIN driver in certain software applications, such as Pneumologis, an SC899 error occurs.
2. When a user executes a job in a SmartSDK application after using the Quick Scanner application, the home screen is displayed.

-----  
Version 01.03

Symptom corrected:

- If user authentication is enabled, the address book cannot be updated from Web Image Monitor when the device is in energy-saving mode.

Other changes:

- Supported RICOH SmartSDK v1.04.

-----  
Version 01.01.01

Other changes:

(The program number suffix was updated).

-----  
Version 01.01

1st Mass production



=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2018/05/23  
-----

[Program Name] Scanner  
-----

[Version] 01.09  
-----

[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.] D3A75704M

[File Information]

File Name      D3A75704M.fwu

File Type      Module for Service

Size           2.10 MB ( 2205620 byte )

[File Information]

File Name      D3A75704M.rfu

File Type      Module for Remote Upgrade

Size           2.11 MB ( 2212096 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2018/04  
-----

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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 \*\*\*  
=====

[Modifications made:]

Rank C

Symptom corrected:

- If the log capture function is enabled when scanning with the SmartSDK application, cancelling the scan job while the preview is displayed might cause the information of the captured image file to be recorded incorrectly.

-----  
[Modification history]

-----  
Version 01.08

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 v1.20 (D2025550Y)

Network Support v14.37 (D2025564P)

Web Support v1.09 (D2025560G)

Scanner v01.08 (D3A75704L)

OpePanel v1.06 (D2025563G)

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

-----  
Version 01.07

Symptom corrected:

1. When opening a program after Simple Screen has been applied on the home screen, the program settings are not retrieved.
2. Max. Email Size for scanner send settings cannot be configure via DMNX.

-----  
Version 01.06

Symptom corrected:

- When scanning with "Hungarian" or "Polish" selected under "Cognitive Language" in "OCR Settings", if the value of a Unicode character exceeds 256, then the character will be converted to a question mark ("?").

This firmware is dependent on the following firmware module. Please be sure to update it:

- System/Copy firmware: v1.13 or later

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2018/10/19  
-----

[Program Name] RemoteFax  
-----

[Version] 05.00.00  
-----

[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.] D2015558F

[File Information]

File Name        D2015558F.fwu

File Type        Module for Service

Size             1.52 MB ( 1598380 byte )

[File Information]

File Name        D2015558F.rfu

File Type        Module for Remote Upgrade

Size             1.53 MB ( 1605888 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2018/10  
-----

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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 document receipt by Mail to Print function might not be printed, in case the device receives the document at either of the followings conditions;
- 1) The device is turned on, but the booting procedure is not completed.
- 2) The device is rebooted after SC, and the dialog of reboot is displayed on the device.
- 3) The device is printing the document through Enhanced Locked Print.

-----  
[Modification history]

-----  
Version 04.00.00

Symptom corrected:

- A sending error might occur with PC-FAX.

-----  
Version 03.00.00

Other Changes:

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

-----  
Version 02.00.00

Symptom Correction:

IP-FAX becomes unavailable if six attempts to connect using H.323 fail, taking more than 10 minutes.

-----  
Version 01.00.00

1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2017/11/17  
-----

[Program Name] RemoteFax  
-----

[Version] 04.00.00  
-----

[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.] D2015558E

[File Information]

File Name       D2015558E.fwu

File Type       Module for Service

Size            1.52 MB ( 1598412 byte )

[File Information]

File Name       D2015558E.rfu

File Type       Module for Remote Upgrade

Size            1.53 MB ( 1605888 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2017/10  
-----

=====  
\*\*\* Note \*\*\*  
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[Note]  
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=====  
\*\*\* Important Notes \*\*\*  
=====

[Important Notes]  
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=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2019/11/08  
-----

[Program Name] Scanner  
-----

[Version] 02.13  
-----

[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.] D2015571N

[File Information]

File Name       D2015571N.fwu

File Type       Module for Service

Size            2.11 MB ( 2211392 byte )

[File Information]

File Name       D2015571N.rfu

File Type       Module for Remote Upgrade

Size            2.11 MB ( 2216192 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2019/10  
-----

=====  
\*\*\* Note \*\*\*  
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[Note]  
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=====  
\*\*\* Important Notes \*\*\*  
=====

[Important Notes]  
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=====  
\*\*\* Modification History \*\*\*  
=====

=====  
[Modifications made:]

Rank C

Symptom corrected:

- When the Capture Setting and User Code authentication are enabled, the scanned images from some applications are recorded in the log with the wrong user name or are not recorded.
- When sending a saved document, the captured image file might not be sent if a SmartSDK scanner application is installed.

-----  
[Modification history]

-----  
Version 02.12

Rank C

Symptom corrected:

- The "Use Name as" option in the Protection menu of the Address Book might not work correctly when specifying the destination folder from Quick Scanner.

-----  
Version 02.11

Rank C

Symptom corrected:

- If the log capture function is enabled when scanning with the SmartSDK application, cancelling the scan job while the preview is displayed might cause the information of the captured image file to be recorded incorrectly.

-----  
Version 02.10

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 v1.20 (D2015550X)

Network Support v14.37 (D2015564N)

Web Support v2.04 (D2015560E)

Scanner v02.10 (D2015571K)

Amination v5.00 (D2015562D)

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

-----  
Version 02.09

Symptom corrected:

- When scanning by using the Smart Device Connector, if the cancel button is pressed while scanned data is being transferred, the device's scanner applications might not be able to be used.
-

Version 02.08

Symptom corrected:

1. When opening a program after Simple Screen has been applied on the home screen, the program settings are not retrieved.
2. Max. Email Size for scanner send settings cannot be configure via DMNX.

Version 02.07

Symptom corrected:

- When scanning with "Hungarian" or "Polish" selected under "Cognitive Language" in "OCR Settings", if the value of a Unicode character exceeds 256, then the character will be converted to a question mark ("?").

This firmware is dependent on the following firmware module.

Please be sure to update it:

- System/Copy firmware: v1.13 or later

Version 02.06

Symptom corrected:

1. When Simplified Chinese is selected in the "Insert Additional Email Info" setting in Send Settings, text in an email sent by using Scan to URL is garbled.
2. When the "Start Scanning" button is pressed in the Scan to Me application, scanning is not performed.
3. When user code authentication is set on the device, an authentication error occurs when using an application based on the SmartSDK.

Version 02.05

Symptom corrected:

1. When using a TWAIN driver in certain software applications, such as Pneumologis, an SC899 error occurs.
2. When a user executes a job in a SmartSDK application after using the Quick Scanner application, the home screen is displayed.

Version 02.04

Symptom corrected:

- If user authentication is enabled, the address book cannot be updated from Web Image Monitor when the device is in energy-saving mode.

Version 02.02

Specification Change:

- Supported RICOH SmartSDK v1.04.

Symptom corrected:

- Minor bug correction.



Version 02.01.01  
Other changes:  
(The program number suffix was updated).

-----  
Version 02.01  
1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2019/11/08  
-----

[Program Name] Printer  
-----

[Version] 1.11  
-----

[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.] D2015573M

[File Information]

File Name      D2015573M.fwu

File Type      Module for Service

Size            4.04 MB ( 4241276 byte )

[File Information]

File Name      D2015573M.rfu

File Type      Module for Remote Upgrade

Size            4.05 MB ( 4247808 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2019/10  
-----

=====  
\*\*\* Note \*\*\*  
=====

[Note]  
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=====  
\*\*\* Important Notes \*\*\*  
=====

[Important Notes]  
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=====  
\*\*\* Modification History \*\*\*  
=====

=====  
[Modifications made:]

Rank C

Symptom corrected:

- When Streamline NX is installed, printing might stall if the file contains pages of mixed size or orientation.

-----  
[Modification history]

-----  
Version 1.10

Rank C

Symptom corrected:

- Printer configuration page might show incorrect information about the bypass tray paper size.

-----  
Version 1.09

Fixed:

It might take time to resume a job if it is suspended while the device is in Energy Saver mode.

When a job is sent to the device while it is in Energy Saver mode, "Auto Continue" function does not work and a paper size error occurs. IPDS printing might stall if IPDS jobs are printed continuously.

-----  
Version 1.08

Symptom corrected:

1. When printing from an application that uses the SmartSDK interface, the number of pages to be printed that is displayed in the application might be incorrect.
2. After an SC reboot occurs, if the dialog window stating that the automatic reboot has occurred is not closed, SDK-J applications cannot be started, which results in an SC990 error occurring.
3. When attempting to preview a large-size JPEG image from "Print/Scan (Memory Storage Device)", an SC899 error occurs.

-----  
Version 1.06

Symptom corrected:

Under all of the following conditions, paper is fed from the device trays even though the paper feed tray setting in the driver is set to the bypass tray:

- The "Tray Setting Priority" of the bypass tray is "Driver/Command".
- The "Paper Confirmation for Bypass Tray Display" setting is "Display".
- The "Tray Switching" setting is "On".
- The paper size and paper type set on the device matches to the setting configured on the driver is selected.

-----  
Version 1.05

Other changes:

Supported the following finisher:

- Booklet Finisher SR3220
- Booklet Finisher SR3240
- Finisher SR3230

-----  
Version 1.04

Other changes:

Enabled administrators with rights to access "capability", "status",  
and "supportedPDL" in the printer API (version 1.00 to 2.00).

Symptom corrected:

If a certain application is installed on the Smart Operation Panel,  
an SC899 error might occur when the device is recovering from sleep mode.

-----  
Version 1.03

Symptom corrected:

While printing a job by using Enhanced Locked Print NX v2, the following jobs cannot  
be spooled on the device. Because of this, the data-in LED does not blink until all  
of the pages from the current job have finished printing.

-----  
Version 1.02

1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2019/11/08  
-----

[Program Name] System/Copy  
-----

[Version] 1.26  
-----

[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.] D2015574C

[File Information]

File Name        D2015574C.fwu

File Type        Module for Service

Size             27.21 MB ( 28527332 byte )

[File Information]

File Name        D2015574C.rfu

File Type        Module for Remote Upgrade

Size             27.21 MB ( 28532992 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2019/10  
-----

=====  
\*\*\* Note \*\*\*  
=====

[Note]  
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=====  
\*\*\* Important Notes \*\*\*  
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[Important Notes]  
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=====  
\*\*\* Modification History \*\*\*  
=====

=====  
[Modifications made:]

Rank C

Symptom corrected:

- The HDD might malfunction when the following conditions are met:
  - Auto Erase Memory Setting is enabled.
  - Sleep Mode Timer is set to more than 60 minutes or the Sleep Mode is disabled.
- The email account information for receiving internet faxes is not imported or exported.

-----  
[Modification history]

-----  
Version 1.25

Rank C

Symptom corrected:

- When using automated card registration, registration may fail but can be logged in.

Other changes:

- Some SP numbers are added based on field request.

-----  
Version 1.24

Rank C

Symptom corrected:

- SC 998 may occur in case that user performs "Export Device Setting Information" from Web Image Monitor when the device is in energy-saving mode.
- Copy application and FAX application might not start when pressing these application icons.
- SC899 may occur after waking up from the energy save mode, more than 1000 times.
- Printer capture data might not be sent when printing a blank page if the capture function is enabled.
- SC899 might occur when Log capture is launched.
- Image log might not be sent and stay in the device.
- When scanning with ClearlightPDF JPEG2000, SC865-56 might occur.

-----  
Version 1.23

Rank C

Symptom corrected:

- The authentication error code is not correctly displayed on the monitor if the following conditions are met.
  - A user that is not registered in the Address Book logs in via Windows Authentication or LDAP Authentication.
  - The Address Book is full.
  - The Auto Deletion function of the Address Book is not enabled.
- The logout confirmation screen might not be displayed after uninstalling the MultiLink-Panel application.
- The document receipt by Mail to Print function might not be printed, in case the device receives the document at either of the followings conditions;
  - 1) The device is turned on, but the booting procedure is not completed.
  - 2) The device is rebooted after SC, and the dialog of reboot is displayed

on the device.

3) The device is printing the document through Enhanced Locked Print.

- The scanner might stall when preview is enabled while scanning.
- SC998 may occur after waking up from the energy save mode, more than 1000 times.

Other changes:

- The wait timer for the startup of the SDK/J application can be increased through SP mode.

SP5-101-190: PrimacyApli WaitTimer

0: 180 seconds

1: 360 seconds

-----  
Version 1.22

Rank C

Symptom corrected:

- Login might fail and the application icon might not be displayed.
- When updating the address book via Group Destination Helper, the following issues might occur:
  - A group can't be deleted.
  - No more than 125 users can be added to a group.
  - The protection code might disappear when updating the group information.
  - The maximum number of digits for the protection code can't be set.
  - If user authentication is set to something other than User Code, the Eco information screen might not be displayed at the expected timing when a user logs in.
- When the device is using "Card Authentication Package" or another custom authentication and then the following fields on the server are blank, the fields in the address book on the device might not be overwritten:
  - Email address
  - FAX address
  - Folder address
- Kerberos authentication might take time because the TCP timestamp starts with a zero.

-----  
Version 1.21

Symptom Corrected:

- 3G @Remote cannot connect.

Specification Changes:

- SP2-990-101, SP2-990-102, SP2-990-103 will be added to SMC data.

-----  
Version 1.20

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 v1.20 (D2015550X)

Network Support v14.37 (D2015564N)

Web Support v2.04 (D2015560E)

Scanner v02.10 (D2015571K)

Amination v5.00 (D2015562D)

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

-----  
Version 1.19

Symptom corrected:

- SC871-01(FCU Error) may occur after recovering from sleep mode.
- An abnormal image may appear in a saddle-stitched PostScript magazine job, if the booklet contains a blank page.
- SC672-11 may be occurred when software rebooting is done after SDK application installed.

Other changes:

- Added an SP setting for enabling or disabling the "Screen Monitoring" function.  
SP5-885-205: default = 0 ("Screen Monitoring" is enabled)

This firmware is dependent on Web Support firmware v2.03 (D2015560D) or later, so please be sure to update that firmware as well.

-----  
Version 1.18

Symptom corrected:

- Communication may be impossible after changing the relationship between host name and IP address on DNS server.
- If a jam occurs on the first page of a job on a machine set with user code authentication and then, the start button and log-out button are pressed together, the start button becomes ineffective.
- After entering the user code to start up the Copy application, the user code input screen does not disappear.
- Hard keys become ineffective on the Copy screen, if operated as follows:
  - \* Log in and copy either on the exposure glass or from ADF, or run a batch copy job.
  - \* Press the Stop key before the copies are delivered. Manually or automatically log out.
  - \* Log in again.
- When both of the following conditions are met, the Start key remains lit in red and copy jobs cannot be run:
  - \* While using the copy capture function
  - \* The machine enters the energy saver mode after copying on the exposure glass or copying in batch mode or in SADF mode.
- SC991/SC899 may occur or stall may occur during use of application on @Remote connected machines.
- Connection error message may appear mistakenly on @Remote connected machines.
- SC819 may occur, if the auto log-out timer and the energy saving timer are set to the same value.
- On machines with the language set to Russian, "No" is mistranslated to "Yes" in the message that appears when printed from a USB memory stick.
- Setting paper on the Bypass tray automatically assigns the Bypass tray as the feed tray.
- The operation panel may freeze, if the Start button is pressed in copy mode immediately after recovering from the energy saver mode.

Other changes:

- More than five languages can be added to the "Change Langs. Widget"



- on the smart operation panel.
- The machine reboots automatically after an SC670.
- Added the following sub codes for SC670:
  - \* SC670-03:Engine start up error when the machine boots up
  - \* SC670-04:Communication error between the engine and controller

-----

#### Version 1.17

##### Specification Change:

- The font used for some of the screens displayed on the operation panel was changed.
- Support for User code authentication using Browser NX

##### Error Correction:

1. Error occurs, if new addresses are continuously registered to the address book using Smart SDK.
2. 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.
3. Fax received is not printed and forwarded to the folder, if "Forwarding setting of Reception File Setting" is enabled.
4. Cannot switch to a different screen, if logged in to the legacy (classic) FAX application without authentication.
5. Cannot log out, if logged in using the IC card with the energy saver mode enabled.
6. Some applications may not work on machines installed with the HDD.
7. SC819 may occur.

##### Other Changes:

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

-----

#### Version 1.16

##### Symptom Corrected:

1. An error message appears, if the user presses the Start key when printing from the bypass tray.
2. SC899 may occur after recovering from low power mode.
3. If turning ON the power with SP5-758-001(Remote UI Setting Authentication) set to "1", SC673-10 may appear with the LED lighting in red.
4. Login screen appears even if "Home Key Customization: Login Setting (SP5-074-002)" is set to "1(OFF)."
5. The location of the legacy FAX application icon on the display changes, if the firmware is updated with the SD card or by Remote Firmware Update.
6. When jobs are continuously being printed, if the next job is conducted from another tray before the last page of the previous job has been fed, pages from the printed documents might be mixed.
7. If a user is registered to CAP V2 with the same user name as the device administrator (admin), the user can be used to manually log in to the device if case insensitivity is set.
8. When the following settings are enabled, print jobs that have been conducted are not displayed on the job history screen:
  - On the operation panel: User Tools > Printer Features > System tab > Store and Skip Errored Job
  - In Web Image Monitor: Device Management > Configuration >

Printer > Basic Settings > Store and Skip Errored Job  
This firmware is dependent on Web Support firmware v2.01 (D2015560B)  
or later, so please be sure to update it.

-----  
Version 1.15

Symptom corrected:

1. When scanning an original containing multiple pages with the Twain driver, error (code: 36856) occurs on the client PC and scan stops midway.
2. Fax data encoded with Base64 is not correctly received.
3. [WebAPI] counter information cannot be obtained without logging in.
4. Offset (2nd)
5. Time required to start up the machine is longer than expected in low temp / low humidity environment.

Others:

Support of the following finishing options:

- Booklet Finisher SR3220
- Booklet Finisher SR3240
- Finisher SR3230

-----  
Version 1.14

Other changes:

A minor change only for the Japanese model.

-----  
Version 1.13

Symptom corrected:

1. When scanning with "Hungarian" or "Polish" selected under "Cognitive Language" in "OCR Settings", if the value of a Unicode character exceeds 256, then the character will be converted to a question mark ("?").

This firmware is dependent on the following firmware module. Please be sure to update it:

- System/Copy firmware: v02.07 or later
2. When an SDK application is configured not to be authenticated by the application-specific user authentication setting (SDK1: SP5-420-051; SDK2: SP5-420-061; or SDK3: SP5-420-071), the application icon is not displayed on the home screen without being logged in.
  3. SP default values were changed as follows to prevent black streaks that appear when scanning both sides of the original through the DF:
    - SP6-006-007 (Rear Edge Erase Front) :-2.3
    - SP6-006-008 (Rear Edge Erase Rear) :-2.3
    - SP6-006-014 (T-Edge Erase (1-Pass):Front) :-3.0
    - SP6-006-015 (T-Edge Erase (1-Pass): Rear) :-2.5
  4. SSP default value was changed as follows to prevent SC563 when the paper fed does not match with the specified paper size:

- SP1-125-084(CPM Down Setting High:CPM:temp:F:Press Center) :180

5. SP default values were changed as follows to prevent offset that occurs with thick paper and postcards:
- SP1-105-023(Thick2:BW:Center) :140
  - SP1-105-027(Thick3:BW:Center) :140
  - SP1-105-143(Postcard:Center) :130

Other change:

- SP4-013-001/002 (Scanner Free Run), originally an SSP was changed to an SP.

---

#### Version 1.12

Symptom corrected:

1. If "Display" is selected under "Paper Confirmation for Bypass Tray," printing is available only in LEF.  
(User Tool -> Printer Features -> System -> Tray Setting Priority -> Paper Confirmation for Bypass Tray)
2. The operation panel remains blank and there is no response from the hard keys or touch panel following an RFU.
3. When the CTS protection function is enabled, the throughput for the wireless LAN connection is reduced.
4. When scanning documents of different sizes with all of the following configured, a send error occurs:
  - Set the original feed type setting for original orientation to "Readable orientation".
  - Enabling "Auto detect" and "Mixed original sizes".
  - Selecting any of the "Black & White" scanning settings.
  - Using multi-pass ADF and OCR.
5. An SC819 error might occur when using network-related functions, such as accessing Web Image Monitor.
6. When user code authentication is set on the device, an authentication error occurs when using an application based on the SmartSDK.

---

#### Version 1.11

Symptom corrected:

1. Operation panel keys do not work or logout from User Authentication is not possible under the following conditions:
  - A Copy job with a large amount of originals is performed
  - Following this, the user presses the "Reset" key or accesses the All Job Stop screen
2. The operational panel display may return to the Home screen before the scanning job is finished.
3. When a print job or scan job is being executed, the System Auto Reset timer might not be set.
4. The Quick Scan app may freeze under the following conditions:
  - Scanning is set to display the Preview at the same time the data is being stored
  - The user displays the Preview after scanning is completed
5. Even if the device is configured to restrict users from registering a destination in the address book, as shown below, a user can still register a destination by using the Scan to Folder Helper application:
  - "System Settings > Administrator Tools > Extended Security > Restrict User of Destination (Fax)" set to "ON".

- "System Settings > Administrator Tools > Extended Security > Restrict User of Destinations (Scanner)" set to "ON".

---

#### Version 1.10

##### Symptom corrected:

- SC899 may occur when launching or making a copy with the SmartSDK Copy app.
- Key operations may not be recognized when the machine returns from System Settings to the previous screen.
- SC991-00 (Recoverable software operation error) may occur.
- Reception error may occur with W-NET FAX.
- Traditional Chinese: "Print" is incorrectly displayed as "Copy" on the Print Volume Use Limitation screen (System Settings).
- SC672-11 (Controller start up error) may occur during Energy Saver mode.
- Machine operation not possible after the user tries to log out while there are still originals stacked in the ADF to be scanned.
- The "Logging in..." display does not clear from the Smart Operation Panel when user login is enabled.

---

#### Version 1.09

##### Symptom Corrected:

- When a title information is not displayed when an address book is registered via RICOH Device Manager NX series.
- Black line issue at edge area may occur early.
- High-frequency sound of a polygon motor is decreased shortened polygon rotation time.
- SC998 may occur when a device is restored from energy save mode by pushing a "Checking Status" button.

##### Other changes:

- Supports the Korea Narajantae model.
- The following SP is added to check estimated remain days and usage ratio for a waste toner bottle in SP mode.  
P7-624-142 (Part Replacement Operation ON/OFF)  
Note: If waster toner bottle information displays on PM counter list in SP mode, the value is needed to set to "1" after uploading this firmware version.
- Counter clear buttons in PM counter list in SP mode are deleted because they are not used.
- "Manual new set unit" button for a waster toner bottle is added on the following
- The following SP is added to set a new unit detection for a waster toner bottle manually.  
SP3-701-142(Manual New Unit Set)

This firmware correction is dependent on the following firmware modules.

Please be sure to update it:

Engine firmware V.1.09:03 (D2025501) or later

---

#### Version 1.08

##### Symptom corrected:

1. Client app does not function correctly and the job status is displayed as "Running" if the user tries to log out before the next original is fed.  
Note: In actuality, the job is in an "Interrupt" status.
2. The "Mixed" notification is missing from the Copy Size list under "Capability".

3. Unauthorized Guest users are able to perform jobs when the Optional Counter (SP5-113-002) is enabled.

-----  
Version 1.07

Symptom corrected:

1. SC899 may occur when creating a searchable PDF document.
2. The Java VM does not boot up at main power ON when SP5-730-001 is enabled.
3. Cannot use Copier function inside Smart SDK app if the Preferred Screen is not set to the Home or Copier.
4. The machine may stall while updating the Address Book if there is no HDD installed, or may stall while updating the controller or VM firmware.
5. The machine may stall ("Printing...") if a print job is received just after booting up.

Other changes:

1. The default values of the following SP modes were changed as shown.

- SP3-710-012 (Ini mu count offset) : 6,000 --> 5,912
- SP6-116-001 (CrnrStplrMxPrstkShAdj:2K/3KFIN A3 SEF):0 --> -1
- SP6-116-002 (CrnrStplrMxPrstkShAdj:2K/3KFIN B4 SEF):0 --> -1
- SP6-116-003 (CrnrStplrMxPrstkShAdj:2K/3KFIN A4 SEF):0 --> -1
- SP6-116-004 (CrnrStplrMxPrstkShAdj:2K/3KFIN A4 LEF):0 --> -1
- SP6-116-005 (CrnrStplrMxPrstkShAdj:2K/3KFIN B5 SEF):0 --> -1
- SP6-116-006 (CrnrStplrMxPrstkShAdj:2K/3KFIN B5 LEF):0 --> -1
- SP6-116-007 (CrnrStplrMxPrstkShAdj:2K/3KFIN DLT SEF):0 --> -1
- SP6-116-008 (CrnrStplrMxPrstkShAdj:2K/3KFIN LG SEF):0 --> -1
- SP6-116-009 (CrnrStplrMxPrstkShAdj:2K/3KFIN LT SEF):0 --> -1
- SP6-116-010 (CrnrStplrMxPrstkShAdj:2K/3KFIN LT LEF):0 --> -1
- SP6-116-011 (CrnrStplrMxPrstkShAdj:2K/3KFIN 8K SEF):0 --> -1
- SP6-116-012 (CrnrStplrMxPrstkShAdj:2K/3KFIN 16K SEF):0 --> -1
- SP6-116-013 (CrnrStplrMxPrstkShAdj:2K/3KFIN 16K LEF):0 --> -1
- SP6-116-014 (CrnrStplrMxPrstkShAdj:2K/3KFIN Other):0 --> -1

2. The following were changed from SSP to SP mode.

- SP5-810-001 (SC Rest Fusing SC Reset)
- SP5-810-002 (SC Rest Hard High Temp. Detection)
- SP4-712-001:CIS (CIS GB Adj. Value:R)
- SP4-713-001:CIS (CIS GB Adj. Value:G)
- SP4-714-001:CIS (CIS GB Adj. Value:B)

-----  
Version 1.06

1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2019/03/07  
-----

[Program Name] Engine  
-----

[Version] 1.20:03  
-----

[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.] D2025501P

[File Information]

File Name        D2025501P.fwu

File Type        Module for Service

Size             3.94 MB ( 4129464 byte )

[File Information]

File Name        D2025501P.rfu

File Type        Module for Remote Upgrade

Size             3.95 MB ( 4137216 byte )

[Availability of RFU] Yes  
-----

[Production reflection] 2019/03  
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=====  
\*\*\* Note \*\*\*  
=====

[Note]  
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=====  
\*\*\* Important Notes \*\*\*  
=====

[Important Notes]  
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=====  
\*\*\* Modification History \*\*\*  
=====

=====  
[Modifications made:]

Rank B

Symptom corrected:

- SP1-133-001 Voltage Detection might not be reset to the initial area value.

Other changes:

- Some SP numbers are added based on field request.

-----  
[Modification history]

-----  
Version 1.19:03

Rank C

Other changes:

- The heater will stay on when the machine is in quiet mode.

-----  
Version 1.18:03

Symptom Corrected:

The following occur if the toner bottle is replaced at Toner Near End:

- The Supply Call for Toner Bottle is not sent to the @Remote Center even though SP5-507-080 (Toner Call Trigger) is set to "0: Toner replacement" (default).
- The value of SP8-781-001 (Toner Replacement Counter) does not count up.

Note: This does not occur if the bottle is used until Toner End.

-----  
Version 1.17:03

Symptom corrected.

1. If a fax is received while running a copy or a print job, the system fails to automatically switch the output tray and results in JAM20.
2. The machine may stall, if it receives a succeeding job immediately after completing a job.

-----  
Version 1.16:03

Symptom corrected:

1. If Jam64 occurs in 1 bin tray, the jammed paper may not be visible.
2. Fusing may become poor, if the flicker control (SP1101-030) is enabled.
3. SC990 may appear, if scanning is interrupted with the stop button while sending a fax with the transmission stamp enabled.

-----  
Version 1.15:03

Other changes:

The following finishing options are supported.

- Booklet Finisher SR3220
- Booklet Finisher SR3240
- Finisher SR3230

-----  
Version 1.14:03

Symptom corrected:

- PCDU related remaining days counters do not function and remain displaying the initial value '255 days'.
- Time required to start up the machine is longer than expected in low temp and low humidity operational environment.
- Offset
- SC670

-----  
Version 1.13:03

Symptom corrected:

- Time required for the machine to begin feeding at the start of a job is longer than expected.
- Feeding the wrong paper size may result in SC563.
- Offset may occur with thick paper.
- Shadow cast by the original causes horizontal (across feed direction) black lines to appear on the printed paper.

Other change:

- SP4-013-001/002 (Scanner Free Run), originally an SSP was changed to an SP.

-----  
Version 1.12:03

Symptom corrected:

1. A paper jam may occur during a center stapling job if the previous job was exited to the shift tray.

-----  
Version 1.11:03

Symptom corrected:

1. [D220-220V model only]: Image offset occurs.

Other changes:

2. [D220-200V model only]: The target fusing temperature was changed.
3. [D197/D198/D199-200V models]: Minor changes were applied to further improve performance.

Note: The target fusing temperature for the D201/D202-200V model was not changed.

-----  
Version 1.10:03

Symptom corrected:

1. When printing a saddle sticking folding of DLT with VOLGA, productivity is not paid.
2. When the demanding to discharge paper for print of the next job comes during postprocessing of the precedent job, JAM occurs.

-----  
Version 1.09:03

Symptom corrected:

- JAM of wrong detection by Fusing exit sensor was improved.
- Black line issue at edge area may occur early.



- High-frequency sound of a polygon motor is decreased shortened polygon rotation time.

Other changes:

- The following SP is added to set a new unit detection for a waster toner bottle manually.

SP3-701-142(Manual New Unit Set)

- The following SP is added to check estimated remain days and usage ratio for a waste toner bottle in SP mode.

P7-624-142 (Part Replacement Operation ON/OFF)

Note: If waster toner bottle information displays on PM counter list in SP mode, the value is needed to set to "1" after uploading this firmware version.

This firmware correction is dependent on the following firmware modules. Please be sure to update it:

System/Copy firmware V.1.09 (D2025550L) or later

-----  
Version 1.08:03

Symptom corrected:

1. Image is not printed correctly when a non-standard sized simplex original is scanned in the DF at 87% reduction and multiple copies made (1 to x) onto B4 paper.
2. SC672-12 may occur if the main power switch is turned off while the machine is recovering from Energy Saver mode, and the recovery was triggered by pushing the Energy Saver hard key.

-----  
Version 1.07:03

1st Mass production

=====  
\*\*\* Basic Information \*\*\*  
=====

[Create date] 2018/10/19  
-----

[Program Name] RemoteFax  
-----

[Version] 05.00.00  
-----

[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.] D2025558G

[File Information]

File Name        D2025558G.fwu

File Type        Module for Service

Size             1.52 MB ( 1598752 byte )

[File Information]

File Name        D2025558G.rfu

File Type        Module for Remote Upgrade

Size             1.53 MB ( 1605888 byte )

[Availability of RFU] Yes  
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[Production reflection] 2018/10  
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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 document receipt by Mail to Print function might not be printed, in case the device receives the document at either of the followings conditions;
- 1) The device is turned on, but the booting procedure is not completed.
- 2) The device is rebooted after SC, and the dialog of reboot is displayed on the device.
- 3) The device is printing the document through Enhanced Locked Print.

-----  
[Modification history]

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Version 04.00.00

Symptom corrected:

- Cannot send, receive, or print the transmitted fax if the sending machine disconnects during IP-FAX transmission.
- A sending error might occur with PC-FAX.

-----  
Version 03.00.00

Other Changes:

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

-----  
Version 02.00.00

Symptom Correction:

IP-FAX becomes unavailable if six attempts to connect using H.323 fail, taking more than 10 minutes.

-----  
Version 01.00.00

1st Mass production

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\*\*\* Basic Information \*\*\*  
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[Create date] 2019/11/08  
-----

[Program Name] Printer  
-----

[Version] 1.11  
-----

[PCB No.]  
-----

[Interchangeability] X / O  
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[Other Firmware Requirements] None  
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[PCB Requirements] None  
-----

[Software category] Normal Release  
-----

[Release category] Normal Release  
-----

[Program category] Firmware  
-----

Exported to(language) GEN(all)

[Firmware No.] D3A75701N

[File Information]

File Name       D3A75701N.fwu

File Type       Module for Service

Size            4.04 MB ( 4240952 byte )

[File Information]

File Name       D3A75701N.rfu

File Type       Module for Remote Upgrade

Size            4.05 MB ( 4247808 byte )

[Availability of RFU] Yes  
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[Production reflection] 2019/10  
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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:

- When Streamline NX is installed, printing might stall if the file contains pages of mixed size or orientation.

-----  
[Modification history]

-----  
Version 1.10

Rank C

Symptom corrected:

- Printer configuration page might show incorrect information about the bypass tray paper size.

-----  
Version 1.09

Fixed:

It might take time to resume a job if it is suspended while the device is in Energy Saver mode.

When a job is sent to the device while it is in Energy Saver mode, "Auto Continue" function does not work and a paper size error occurs. IPDS printing might stall if IPDS jobs are printed continuously.

-----  
Version 1.08

Symptom corrected:

1. After an SC reboot occurs, if the dialog window stating that the automatic reboot has occurred is not closed, SDK-J applications cannot be started, which results in an SC990 error occurring.
2. When attempting to preview a large-size JPEG image from "Print/Scan (Memory Storage Device)", an SC899 error occurs.

-----  
Version 1.06

Symptom corrected:

Under all of the following conditions, paper is fed from the device trays even though the paper feed tray setting in the driver is set to the bypass tray:

- The "Tray Setting Priority" of the bypass tray is "Driver/Command".
- The "Paper Confirmation for Bypass Tray Display" setting is "Display".
- The "Tray Switching" setting is "On".
- The paper size and paper type set on the device matches to the setting configured on the driver is selected.

-----  
Version 1.05

Other changes:

Supported the following finisher:

- Booklet Finisher SR3220

- Booklet Finisher SR3240
- Finisher SR3230

-----  
Version 1.04

Other changes:

Enabled administrators with rights to access "capability", "status",  
and "supportedPDL" in the printer API (version 1.00 to 2.00).

-----  
Version 1.03

Symptom corrected:

1. While printing a job by using Enhanced Locked Print NX v2, the following jobs cannot be spooled on the device. Because of this, the data-in LED does not blink until all of the pages from the current job have finished printing.

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Version 1.02

1st Mass production

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\*\*\* Basic Information \*\*\*  
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[Create date] 2018/10/19  
-----

[Program Name] Web Support  
-----

[Version] 2.05  
-----

[PCB No.]  
-----

[Interchangeability] X / O  
-----

[Other Firmware Requirements] None  
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[PCB Requirements] None  
-----

[Software category] Normal Release  
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[Release category] Normal Release  
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[Program category] Firmware  
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Exported to(language) GEN(all)

[Firmware No.] D2015560F

[File Information]

File Name      D2015560F.fwu

File Type      Module for Service

Size            6.53 MB ( 6845736 byte )

[File Information]

File Name      D2015560F.rfu

File Type      Module for Remote Upgrade

Size            6.54 MB ( 6852864 byte )

[Availability of RFU] Yes  
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[Production reflection] 2018/10  
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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

Other changes:

- The following values can be set with solution software that uses SOAP I/F.
- "SNMPv3 Setting"
  - SNMPv3 Trap Communication
  - Encryption Algorithm
  - Permit SNMPv3 Communication
- "Program/Change Administrator"
  - Encryption Password

-----  
[Modification history]

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Version 2.04

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 v1.20 (D2015550X)

Network Support v14.37 (D2015564N)

Web Support v2.04 (D2015560E)

Scanner v02.10 (D2015571K)

Amination v5.00 (D2015562D)

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

-----  
Version 2.03

Other changes:

- Added an SP setting for enabling or disabling the "Screen Monitoring" function.  
SP5-885-205: default = 0 ("Screen Monitoring" is enabled)

This firmware is dependent on System/Copy firmware v1.19 (D2015550W) or later,  
so please be sure to update that firmware as well.

-----  
Version 2.02

Other changes:

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

-----  
Version 2.01

Symptom corrected:

- When the following settings are enabled, print jobs that have been conducted are not displayed on the job history screen:
  - On the operation panel: User Tools > Printer Features > System tab > Store and Skip Errored Job
  - In Web Image Monitor: Device Management > Configuration > Printer > Basic Settings > Store and Skip Errored Job



This firmware is dependent on System/Copy firmware v1.16(D2015550S)  
or later, so please be sure to update it.

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Version 2.00  
1st Mass production

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\*\*\* Basic Information \*\*\*  
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[Create date] 2018/04/05  
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[Program Name] Web Uapl  
-----

[Version] 2.04  
-----

[PCB No.]  
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[Interchangeability] X / O  
-----

[Other Firmware Requirements] None  
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[PCB Requirements] None  
-----

[Software category] Normal Release  
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[Release category] Normal Release  
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[Program category] Firmware  
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Exported to(language) GEN(all)

[Firmware No.] D2015561E

[File Information]

File Name       D2015561E.fwu

File Type       Module for Service

Size            1.69 MB ( 1774056 byte )

[File Information]

File Name       D2015561E.rfu

File Type       Module for Remote Upgrade

Size            1.70 MB ( 1782016 byte )

[Availability of RFU] Yes  
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[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:]

Other changes:

Suffix update only. There is no change to the firmware.

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[Modification history]  
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Version 2.03

Symptom corrected:

- Web Image Monitor might time out if the device is turned on and goes in and out of Energy Saver Mode 100 times before it is turned off.

-----  
Version 2.02

Symptom corrected:

- When rebooting the device after the firmware has been updated, an application that is used for displaying, printing, deleting, or receiving a document on the Document Server might be unresponsive.

-----  
Version 2.01

Symptom corrected:

- Although the fax function is installed in the device, "Fax Received File" might not be displayed in the "Print Job/Stored File" menu in Web Image Monitor.

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Version 2.00

1st Mass production

<<Package>>

package\_ALL [CORC1CHa\_pk]

D2015506Q Ver. 5.00 -> D2015506R Ver. 6.00

<<Separate>>

System/Copy [CORC1a\_system]

D2015550Y Ver. 1.21 -> D2015550Z Ver. 1.22

PCL [COC1e\_prt\_PCL]

D2025566J Ver. 1.10 -> D2025566K Ver. 1.11

PCL [COC1d\_prt\_PCL]

D3A75705F Ver. 1.07 -> D3A75705G Ver. 1.08

<<Package>>

package\_ALL [CORC1a\_pk]

D2025506R Ver. 5.00 -> D2025506S Ver. 6.00

<<Separate>>

System/Copy [CORC1a\_system]

D2025550Z Ver. 1.21 -> D2025574 Ver. 1.22

PCL [COC1d\_prt\_PCL]

D3A75705F Ver. 1.07 -> D3A75705G Ver. 1.08

PCL [COC1e\_prt\_PCL]

D2025566J Ver. 1.10 -> D2025566K Ver. 1.11

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\*\*\* Basic Information \*\*\*  
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[Create date] 2018/10/12  
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[Program Name] PDF  
-----

[Version] 1.04  
-----

[PCB No.]  
-----

[Interchangeability] X / O  
-----

[Other Firmware Requirements] None  
-----

[PCB Requirements] None  
-----

[Software category] Normal Release  
-----

[Release category] Normal Release  
-----

[Program category] Firmware  
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Exported to(language) GEN(all)

[Firmware No.] D3A75733D

[File Information]

File Name       D3A75733D.fwu

File Type       Module for Service

Size            4.19 MB ( 4391316 byte )

[File Information]

File Name       D3A75733D.rfu

File Type       Module for Remote Upgrade

Size            4.20 MB ( 4399360 byte )

[Availability of RFU] No  
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[Production reflection] 2018/10  
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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 when printing a PDF file that contains several composite fonts with the PS driver.
- An SC899 error might occur if a PDF that contains a JPEG 2000 image is printed by using the PDF Direct Print feature.
- PDF file may not be printed via direct print if the PDF file contains True Type fonts.
- Printing might be slow when a spreadsheet containing many cells with patterns that are different from the default pattern in the following setting is printed from Microsoft Excel 2013:
  - Select "Format Cell", select the "Fill" tab, and change the "Pattern Style" setting
- Images might be missing when printing from the PS3 driver.
- When printing a PDF file that contains graphics or text via PDF Direct, an SC899 error might occur.
- Job cancellation or missing image might occur when direct printing a PDF job contains a content stream.
- SC899 might occur when printing a PDF file with many characters or typefaces directly or with the PS driver.
- The device might stall during PDF direct printing if a job contains a Bezier curve.

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[Modification history]

-----  
Version 1.03

Other changes:

Supported the following finisher:

- Booklet Finisher SR3220
- Booklet Finisher SR3240
- Finisher SR3230

Note that this f/w must be used in combination with printer f/w v.1.05 or later.

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Version 1.02

1st Mass production