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*** Basic Information ***
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[Create date] 2019/08/07

[Program Name] Printer

[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.] D2065873J

[File Information]

File Name D2065873J.fwu

File Type Module for Service

Size 4.05 MB (4249308 byte)

[File Information]

File Name D2065873J.rfu

File Type Module for Remote Upgrade

Size 4.06 MB (4256000 byte)

[Availability of RFU] Yes

[Production reflection] 2019/06

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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 printing a TIFF or JPEG file to 914mm wide roll paper, using the "Print/Scan (Memory Storage Device)" application, it might be cut before the original image is fully printed.

[Modification history]

Version 1.08

Rank C

Symptom corrected:

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

Version 1.07

Symptom corrected:

1. Printer configuration page might show incorrect information about the bypass tray paper size.
2. An error may occur when trying to display a preview in the Print from Storage Device application.

Other Changes:

1. The algorithm signature of the certificate given to the WebPrintTool has been changed to SHA256WithRSA2048.

Version 1.06

Symptom corrected:

1. Poor-quality text is output when printing a job that contains multiple PDL data.
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.

Version 1.05

Symptom corrected:

WebPrinting Tool does not start up on Internet Explorer 11.

Version 1.04

Symptom corrected:

Minor bug correction.

Version 1.03

Supported:

RP-GL/2

- Pen width can be specified in "mm" or "dot" in Pen List.

RTIFF

- "Portrait (Short Edge Fd)" added in Paper Orientation Priority.

- Empty tray is also searched in Auto Select Tray.

- Support of new paper sizes.

Version 1.02

1st Mass production

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*** Basic Information ***
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[Create date] 2017/04/21

[Program Name] RPCS

[Version] 3.16.13

[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.] D2065875B

[File Information]

File Name D2065875B.fwu

File Type Module for Service

Size 0.53 MB (558844 byte)

[File Information]

File Name D2065875B.rfu

File Type Module for Remote Upgrade

Size 0.54 MB (565504 byte)

[Production reflection] 2017/05

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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 "Unauthorized Copy Prevention Printing: Printer" is enabled, an error might occur, causing the job to be cancelled. (GFPR#RA14120002)

[Modification history]

Version 3.16.10

1st Mass production

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*** Basic Information ***
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[Create date] 2019/07/23

[Program Name] PDF

[Version] 1.03

[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.] D2065881B

[File Information]

File Name D2065881B.fwu

File Type Module for Service

Size 4.12 MB (4317712 byte)

[File Information]

File Name D2065881B.rfu

File Type Module for Remote Upgrade

Size 4.13 MB (4325632 byte)

[Availability of RFU] Yes

[Production reflection] 2019/07

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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:

- 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
- The device might stall during PDF direct printing if a job contains a Bezier curve.
- The device might stall if a job includes text outside the printable area of the page.
- SC899 might occur when printing a PDF file with many characters or typefaces directly or with the PS driver.
- Job cancellation or missing image might occur when direct printing a PDF job contains a content stream.
- When printing a PDF file that contains graphics or text via PDF Direct, an SC899 error might occur.
- Images might be missing when printing from the PS3 driver.
- PDF file may not be printed via direct print if the PDF file contains True Type fonts.
- An SC899 error might occur if a PDF that contains a JPEG 2000 image is printed by using the PDF Direct Print feature.

[Modification history]

Version 1.02

1st Mass production

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*** Basic Information ***
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[Create date] 2017/05/17

[Program Name] Option MSIS

[Version] 0.15

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D2065883C

[File Information]

File Name D2065883C.fwu

File Type Module for Service

Size 0.84 MB (881992 byte)

[File Information]

File Name D2065883C.rfu

File Type Module for Remote Upgrade

Size 0.85 MB (889088 byte)

[Production reflection] 2017/05

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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:

- Printing jobs from RPGL may cause the grid line and trim line to disappear or appear thinner than expected.

Other changes:

- The correct font name is displayed on the operation panel, WIM, and sample print.

[Modification history]

Version 0.14

Symptoms corrected:

If the image is intentionally rotated 90 degrees to match the orientation of the image and the feed direction in a "Synchro cut" job printed from RP-GL, print position may shift and the image may be cut off.

Version 0.13

1st Mass production

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*** Basic Information ***
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[Create date] 2019/08/21

[Program Name] Printer

[Version] 1.05

[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.] D2125873G

[File Information]

File Name D2125873G.fwu

File Type Module for Service

Size 4.06 MB (4252964 byte)

[File Information]

File Name D2125873G.rfu

File Type Module for Remote Upgrade

Size 4.06 MB (4260096 byte)

[Availability of RFU] Yes

[Production reflection] 2019/07

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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:

- When printing a TIFF or JPEG file to 914mm wide roll paper, using the "Print/Scan (Memory Storage Device)" application, it might be cut before the original image is fully printed.

[Modification history]

Version 1.04

Rank C

Symptom corrected:

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

Version 1.03

Symptom corrected:

1. Printer configuration page might show incorrect information about the bypass tray paper size.
2. An error may occur when trying to display a preview in the Print from Storage Device application.

Other Changes:

1. The algorithm signature of the certificate given to the WebPrintTool has been changed to SHA256WithRSA2048.

Version 1.02

Symptom corrected:

WebPrinting Tool does not start up on Internet Explorer 11.

Version 1.01

Supported:

RP-GL/2

- Pen width can be specified in "mm" or "dot" in Pen List.

RTIFF

- "Portrait (Short Edge Fd)" added in Paper Orientation Priority.
- Empty tray is also searched in Auto Select Tray .
- Support of new paper sizes.

Version 1.00
1st Mass production

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*** Basic Information ***
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[Create date] 2017/08/25

[Program Name] OpePanel

[Version] 1.03

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

[Firmware No.] D2061490C

[File Information]

File Name D2061490C.fwu

File Type Module for Service

Size 51.06 MB (53535972 byte)

[File Information]

File Name D2061490C.rfu

File Type Module for Remote Upgrade

Size 51.06 MB (53543168 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 ***
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[Modifications made:]

Other changes:

1. Newly added SMBv2/v3 support.

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

System/Copy v1.08 (D2065860J)

Network Support v14.32 (D2065871E)

Web Support v1.05 (D2065867F)

Scanner v01.03 (D2065866D)

OpePanel

- General model: v1.03 (D2061490C)

- China model: v1.02 (D2061491A)

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

2. Changed some font names for the RPGL Menu.

[Modification history]

Version 1.02

1st Mass production

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*** Basic Information ***
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[Create date] 2017/08/25

[Program Name] OpePanel

[Version] 1.02

[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) CHN(ja,en,f,e,d,i,nl,s,n,dk,sf,p,pl,h,cz,ru,sc,br,tr,ca,gr)

[Firmware No.] D2061491A

[File Information]

File Name D2061491A.fwu

File Type Module for Service

Size 51.06 MB (53537312 byte)

[File Information]

File Name D2061491A.rfu

File Type Module for Remote Upgrade

Size 51.06 MB (53543168 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 ***
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[Modifications made:]

Other changes:

1. Newly added SMBv2/v3 support.

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

System/Copy v1.08 (D2065860J)

Network Support v14.32 (D2065871E)

Web Support v1.05 (D2065867F)

Scanner v01.03 (D2065866D)

OpePanel

- General model: v1.03 (D2061490C)

- China model: v1.02 (D2061491A)

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

2. Changed some font names for the RPGL Menu.

[Modification history]

Version 1.01

1st Mass production

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

[Create date] 2017/08/25

[Program Name] Web Support

[Version] 1.05

[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.] D2065867F

[File Information]

File Name D2065867F.fwu

File Type Module for Service

Size 6.11 MB (6404684 byte)

[File Information]

File Name D2065867F.rfu

File Type Module for Remote Upgrade

Size 6.11 MB (6410496 byte)

[Availability of RFU] Yes

[Production reflection] 2017/09

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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:

- Newly added SMBv2/v3 support.

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

System/Copy v1.08 (D2065860J)

Network Support v14.32 (D2065871E)

Web Support v1.05 (D2065867F)

Scanner v01.03 (D2065866D)

OpePanel

- General model: v1.03 (D2061490C)

- China model: v1.02 (D2061491A)

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

[Modification history]

Version 1.04

Symptom corrected:

- Wrong fonts are used in some operation screens and the Web Image Monitor.

Version 1.03

Symptom corrected:

When user code authentication is enabled, if a user logs in to Web Image Monitor after logging in on the operation panel, the login screen for user code authentication will be displayed again on the operation panel.

Version 1.02

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 v1.05(D2065860F) or later, so please be sure to update it.

Version 1.01
1st Mass production

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*** Basic Information ***
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[Create date] 2019/04/05

[Program Name] Network Support

[Version] 14.36

[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.] D2065871J

[File Information]

File Name D2065871J.fwu

File Type Module for Service

Size 9.60 MB (10065836 byte)

[File Information]

File Name D2065871J.rfu

File Type Module for Remote Upgrade

Size 9.61 MB (10072320 byte)

[Availability of RFU] Yes

[Production reflection] 2019/03

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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:

- 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.
- An SC899 error might occur very rarely when using IC card authentication.

[Modification history]

Version 14.35

Rank C

Symptom corrected:

- An SC899 error might occur during IPP printing.

Version 14.34

Rank C

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.
- 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.
- If the device has not been used a significant amount of times, functions that require a network connection might fail.
- The device might freeze during data transmission when conducting Scan to Folder with SMBv2/v3.
- 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.

Other changes:

- The default value of "Algorithm Signature" has been changed from SHA1-RSA 2048 to SHA256-RSA 2048 when the device creates a new device certificate.

Version 14.33

Symptom corrected:

- 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 14.32

Other changes:

- Newly added SMBv2/v3 support.

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

[MP W7100SP/MP W8140SP]

System/Copy v1.08 (D2065860J)

Network Support v14.32 (D2065871E)

Web Support v1.05 (D2065867F)

Scanner v01.03 (D2065866D)

OpePanel

- General model: v1.03 (D2061490C)

- China model: v1.02 (D2061491A)

[MP W6700SP]

System/Copy v1.04 (D2125860F)

Network Support v14.32 (D2065871E)

Web Support v1.04 (D2125867F)

Scanner v01.01 (D2125866A)

OpePanel v1.02 (D2121490C)

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

Version 14.31

Symptom Corrected:

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

Version 14.30

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 14.29

1st Mass production

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*** Basic Information ***
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[Create date] 2017/08/25

[Program Name] OpePanel

[Version] 1.02

[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,br,tr,ca,gr)

[Firmware No.] D2121490C

[File Information]

File Name D2121490C.fwu

File Type Module for Service

Size 51.08 MB (53562792 byte)

[File Information]

File Name D2121490C.rfu

File Type Module for Remote Upgrade

Size 51.09 MB (53567744 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 ***
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[Modifications made:]

Other changes:

1. Newly added SMBv2/v3 support.

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

System/Copy v1.04 (D2125860F)

Network Support v14.32 (D2065871E)

Web Support v1.04 (D2125867F)

Scanner v01.01 (D2125866A)

OpePanel v1.02 (D2121490C)

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

2. Changed some font names for the RPGL Menu.

[Modification history]

Version 1.01

1st Mass production

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***** Basic Information *****
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[Create date] 2019/08/02

[Program Name] System/Copy

[Version] 1.08

[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.] D2125860K

[File Information]

File Name D2125860K.fwu

File Type Module for Service

Size 18.89 MB (19806596 byte)

[File Information]

File Name D2125860K.rfu

File Type Module for Remote Upgrade

Size 18.89 MB (19812608 byte)

[Availability of RFU] Yes

[Production reflection] 2019/06

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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:

- It takes time to login after authenticating the card.

[Modification history]

Version 1.07

Rank C

Symptom corrected:

- If the following conditions are met, Copy function may not work correctly.
 - Log capture function is enabled.
 - Low Energy Timer set to a shorter time than Sleep Mode Timer.
 - After copying originals with not selecting Sort/Stack function, the machine goes into the Low Energy Mode before Copy/DocumentBox Auto Reset timer works.
- After entering the user code to start up the Copy application, the user code input screen does not disappear.
- If the "Stop" button is pressed while logging out after a paper jam occurred, the "Start" button of the copy application might not respond.

Version 1.06

Rank C

Symptom corrected:

- Printer capture data might not be sent when printing a blank page if the capture function is enabled.
- The service mode lock can falsely be unlocked by the user under particular conditions.
- The scanner might stall when preview is enabled while scanning.
- User and SP settings information in the Copy (Classic) application and the Scanner (Classic) application might be cleared after version up or down to specific firmware version.

Version 1.05

Rank C

Symptom corrected:

- If multiple scanned images are stored in the document box, using the zoom function on a stored image might result in it printing incorrectly.
- SC899 might occur when printing multiple copies of images bigger than A0 size with an HDI driver.
- If the same value is set in the Auto-logout timer and the Energy Saver timer, the machine might reboot after the time has elapsed.
- 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.
- 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.

Version 1.04

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 v1.04 (D2125860F)

Network Support v14.32 (D2065871E)

Web Support v1.04 (D2125867F)

Scanner v01.01 (D2125866A)

OpePanel v1.02 (D2121490C)

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

Version 1.03

Symptom Corrected:

- Wrong fonts are used in some operation screens and the Web Image Monitor.
- Upgrade of the package firmware fails and results in Error 61.
- SC687 occurs, if a document is opened in Web Image Monitor while printing a document from the Document Server with the scaling enlarged or reduced.

Version 1.02

Specification changes:

- SP 5756-001 (change image orientation when folding wide images) was added as a new SP setting.
- A4 folding job can be combined with punch or stamp options.
- Multiple copies of preset jobs can be run using the New Copy button.

Symptom corrected:

- A4 folding job is printed upside down.
- Compulsory Security Stamp is not stamped in the correct position according to the orientation of the image.
- SC 819 may occur.
- User name case sensitivity specified for card authentication login in the following setting is not honored:
Configuration > General Settings > User Name Case Sensitivity
- If a document in the Document Server was printed using the Auto Reduce/Enlarge function, output image of the succeeding copy job is not as expected.

Version 1.01

Error Correction:

- If attempted to print a TIFF file, error message appears and the Data-in lamp remains flashing and printing cannot resume.
- If "Store and Skip Error Job" is enabled, Job History will not appear.
([User Tools] -> [Printer Features] -> [System] -> [Store and Skip Error Job]
- A blank area appears on the printout, if continuously copying a document containing multiple pages.
- An SC819 error might occur when using network-related functions, such as accessing Web Image Monitor.

Version 1.00
1st Mass production

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*** Basic Information ***
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[Create date] 2019/08/02

[Program Name] Scanner

[Version] 01.03

[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.] D2125866C

[File Information]

File Name D2125866C.fwu

File Type Module for Service

Size 4.41 MB (4628600 byte)

[File Information]

File Name D2125866C.rfu

File Type Module for Remote Upgrade

Size 4.42 MB (4636928 byte)

[Availability of RFU] Yes

[Production reflection] 2019/06

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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:

- Image log of Scan job (OCR or high compression PDF) may not be collected correctly.

[Modification history]

Version 01.02

Rank C

Symptom corrected:

- User and SP settings information in the Copy (Classic) application and the Scanner (Classic) application might be cleared after version up or down to specific firmware version.

Version 01.01

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 v1.04 (D2125860F)

Network Support v14.32 (D2065871E)

Web Support v1.04 (D2125867F)

Scanner v01.01 (D2125866A)

OpePanel v1.02 (D2121490C)

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

Version 01.00

1st Mass production

=====
*** Basic Information ***
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[Create date] 2017/08/25

[Program Name] Web Support

[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

Exported to(language) GEN(all)

[Firmware No.] D2125867F

[File Information]

File Name D2125867F.fwu

File Type Module for Service

Size 6.14 MB (6438980 byte)

[File Information]

File Name D2125867F.rfu

File Type Module for Remote Upgrade

Size 6.15 MB (6447360 byte)

[Availability of RFU] Yes

[Production reflection] 2017/09

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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:

- Newly added SMBv2/v3 support.

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

System/Copy v1.04 (D2125860F)

Network Support v14.32 (D2065871E)

Web Support v1.04 (D2125867F)

Scanner v01.01 (D2125866A)

OpePanel v1.02 (D2121490C)

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

[Modification history]

Version 1.03

Symptom Corrected:

- Wrong fonts are used in some operation screens and the Web Image Monitor.

Other changes:

- Changed some font names for the RPGL Menu.

This firmware is dependent on System/Copy firmware v1.03 (D2125860E) or later, so please be sure to update it.

Version 1.02

Symptom corrected:

- When user code authentication is enabled, if a user logs in to Web Image Monitor after logging in on the operation panel, the login screen for user code authentication will be displayed again on the operation panel.

Version 1.01

Error Correction:

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

Version 1.00
1st Mass production

<<Package>>

package_ALL [BLGC2a_pk]

D2065540E Ver. 6.00 -> D2065540F Ver. 7.00

<<Separate>>

System/Copy [BLGC2a_system]

D2065860J Ver. 1.08 -> D2065860K Ver. 1.09

Network Support [BLGC2a_net]

D2065871E Ver. 14.32 -> D2065871F Ver. 14.33

Engine [BLGC2a_eplot]

D2065230C Ver. 1.07:01 -> D2065230D Ver. 1.08:01

<<Package>>

package_ALL [BLGC2LTa_pk]

D2125540A Ver. 1.01 -> D2125540B Ver. 2.00

<<Separate>>

Network Support [BLGC2a_net]

D2065871D Ver. 14.31 -> D2065871E Ver. 14.32

Option MSIS [BLGC2d_prt_msis]

D2065882B Ver. 0.14 -> D2065882C Ver. 0.15

Printer [BLGC2LTd_prt]

D2125872D Ver. 1.02 -> D2125872E Ver. 1.03

RPCS [BLGC2d_prt_RPCS]

D2065874B Ver. 3.16.11 -> D2065874C Ver. 3.16.12

Scanner [BLGC2LTa_scn]

D2125866A Ver. 01.01

System/Copy [BLGC2LTa_system]

D2125860E Ver. 1.03 -> D2125860F Ver. 1.04

Web Support [BLGC2LTa_web]

D2125867E Ver. 1.03 -> D2125867F Ver. 1.04

Option MSIS [BLGC2e_prt_msis]

D2065883B Ver. 0.14 -> D2065883C Ver. 0.15

Printer [BLGC2LTe_prt]

D2125873D Ver. 1.02 -> D2125873E Ver. 1.03

RPCS [BLGC2e_prt_RPCS]

D2065875B Ver. 3.16.13

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*** Basic Information ***
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[Create date] 2017/12/14

[Program Name] Engine

[Version] 1.08:01

[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.] D2065230D

[File Information]

File Name D2065230D.fwu

File Type Module for Service

Size 3.94 MB (4129268 byte)

[File Information]

File Name D2065230D.rfu

File Type Module for Remote Upgrade

Size 3.95 MB (4137216 byte)

[Availability of RFU] Yes

[Production reflection] 2018/02

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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 B

Symptom corrected:

- After the machine was turned on, SC572-00 will be displayed if Energy-Save button is pressed before the fusing unit reaches reload temperature.

[Modification history]

Version 1.07:01

Symptom Corrected:

- SC101 occurs followed by an automatic reboot.
- The drums may not stop rotating even after completing a job, if SP2209-01 is enabled.

Version 1.06:01

1st Mass production

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

[Create date] 2017/12/04

[Program Name] Java VM v12 std for eDC

[Version] 12.57.00

[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.] D2065884G_edc

[File Information]

File Name D2065884G_edc.ifu

File Type Module for Service

Size 61.71 MB (64711792 byte)

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

Symptom corrected:

- 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.
- Startup may take a long time and SC998 may occur if Streamline NX and CAP v2 are installed.
- 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.
- 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.

[Modification history]

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.
- 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.
- 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 12.37.01

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 12.20.04

Symptom corrected:

- Auto Color Select mode can be selected, although it is not a feature available for this machine. When the user attempts to scan with this mode, scanning does not start.
- SC637 may occur, if the machine is shut down while printing.

Version 12.17.01

Other changes:

Changes were applied for the domestic (Japan) model only.

Version 12.12.06

Symptom corrected:

- 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 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 is installed via Remote Install Manager, the heap size may be reset to the default size from the specified size.
- The machine cannot enter Energy Saver Mode after repeatedly entering and recovering from the mode.
- 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.
- 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.

- 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 12.07.06
1st Mass production

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

[Create date] 2017/12/04

[Program Name] Java VM v12 std UpdateTool

[Version] 12.57.00

[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.] D2065884G_upd

[File Information]

File Name D2065884G_upd.exe

File Type Module for Service

Size 61.55 MB (64540943 byte)

Check Sum -8Bit Sum: 5D50

 -16Bit Sum(Little Endian): A323

 -16Bit Sum(Big Endian): 0A2D

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

Symptom corrected:

- 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.
- Startup may take a long time and SC998 may occur if Streamline NX and CAP v2 are installed.
- 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.
- 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.

[Modification history]

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.
- 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 12.37.01

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 12.20.04

Symptom corrected:

- Auto Color Select mode can be selected, although it is not a feature available for this machine. When the user attempts to scan with this mode, scanning does not start.
- SC637 may occur, if the machine is shut down while printing.

Version 12.17.01

Other changes:

Changes were applied for the domestic (Japan) model only.

Version 12.12.06

Symptom corrected:

- 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 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 is installed via Remote Install Manager, the heap size may be reset to the default size from the specified size.
- The machine cannot enter Energy Saver Mode after repeatedly entering and recovering from the mode.
- 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.
- 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.
- 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 12.07.06
1st Mass production

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*** Basic Information ***
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[Create date] 2018/06/19

[Program Name] Engine

[Version] 1.03:00

[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.] D2125280D

[File Information]

File Name D2125280D.fwu

File Type Module for Service

Size 3.94 MB (4129592 byte)

[File Information]

File Name D2125280D.rfu

File Type Module for Remote Upgrade

Size 3.95 MB (4137216 byte)

[Availability of RFU] Yes

[Production reflection] 2018/05

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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 making a reduced size copy in synchro-cut mode, the rear edge of the original does not print correctly.
- After updating this firmware, SP4961 (Document Length Adjustment) must be input following the procedure below:

* SP4961-001

- Measure the short edge of the A4 paper with a ruler. This value is <1>.
- Check the value of SP4961-003 when scanning the paper with LEF. This value is <2>.
- If <1> is bigger than <2>, then SP4961-001 is equal to <1> minus <2>, as a positive value.
- If <1> is smaller than <2>, then SP4961-001 is equal to <1> minus <2>, as a negative value.

* SP4961-002

- Using free-cut mode, output 1000mm of paper.
- Measure the length of the paper with a ruler. This value is <1>.
- Check the value of SP4961-003 when scanning the paper with SEF. This value is <2>.
- If <1> is bigger than <2>, then SP4961-002 is equal to <1> minus <2>, as a positive value.
- If <1> is smaller than <2>, then SP4961-002 is equal to <1> minus <2>, as a negative value.

[Modification history]

Version 1.02:00

Symptom Corrected:

- The drums may not stop rotating even after completing a job, if SP2209-01 is enabled.

Version 1.01:00

Error Correction:

Original paper jam appears after the device has been turned on.

Version 1.00:00

1st Mass production

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*** Basic Information ***
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[Create date] 2019/08/02

[Program Name] Scanner

[Version] 01.05

[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.] D2065866F

[File Information]

File Name D2065866F.fwu

File Type Module for Service

Size 4.42 MB (4631568 byte)

[File Information]

File Name D2065866F.rfu

File Type Module for Remote Upgrade

Size 4.42 MB (4636928 byte)

[Availability of RFU] Yes

[Production reflection] 2019/06

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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:

- Image log of Scan job (OCR or high compression PDF) may not be collected correctly.

[Modification history]

Version 01.04

Rank C

Symptom corrected:

- User and SP settings information in the Copy (Classic) application and the Scanner (Classic) application might be cleared after version up or down to specific firmware version.

Version 01.03

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 v1.08 (D2065860J)
Network Support v14.32 (D2065871E)
Web Support v1.05 (D2065867F)
Scanner v01.03 (D2065866D)
OpePanel
- General model: v1.03 (D2061490C)
- China model: v1.02 (D2061491A)

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

Version 01.02

Symptom corrected:

When opening a program after Simple Screen has been applied on the home screen, the program settings are not retrieved.

Version 01.01

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: v1.04 or later

Version 01.00
1st Mass production

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***** Basic Information *****
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[Create date] 2018/09/19

[Program Name] NetworkDocBox

[Version] 1.02

[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.] D2065869C

[File Information]

File Name D2065869C.fwu

File Type Module for Service

Size 1.84 MB (1932112 byte)

[File Information]

File Name D2065869C.rfu

File Type Module for Remote Upgrade

Size 1.85 MB (1937664 byte)

[Availability of RFU] Yes

[Production reflection] 2018/09

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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.

[Modification history]

Version 1.01

Rank C

Symptom corrected:

- An SC899 error might occur when Device Manager NX Accounting frequently requests a device log collection.
- 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.
- 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.
- 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.
- When the image log capture function is enabled and a large number of jobs are performed, the capture cannot be executed and the device will freeze.

Version 1.00

1st Mass production

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*** Basic Information ***
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[Create date] 2018/09/21

[Program Name] Java VM v12 std for eDC

[Version] 12.61.03

[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.] D2065884H_edc

[File Information]

File Name D2065884H_edc.ifu

File Type Module for Service

Size 61.79 MB (64793428 byte)

[Availability of RFU] No

[Production reflection] 2018/09

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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:

- Gloria don't start up when power off/on then system settings can't be used.
- The package firmware might not be updated if the firmware includes an application that needs to be rebooted when updated.

Other changes:

- Minor changes for its internal operations.
- Login might fail if attempting to log in with an IC card while the On-demand Print screen is displayed.

[Modification history]

Version 12.57.00

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.
- Startup may take a long time and SC998 may occur if Streamline NX and CAP v2 are installed.
- 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.
- 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 12.46.01

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.
- 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 12.37.01

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 12.20.04

Symptom corrected:

- Auto Color Select mode can be selected, although it is not a feature available for this machine. When the user attempts to scan with this mode, scanning does not start.
- SC637 may occur, if the machine is shut down while printing.

Version 12.17.01

Other changes:

Changes were applied for the domestic (Japan) model only.

Version 12.12.06

Symptom corrected:

- 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 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 is installed via Remote Install Manager, the heap size may be reset to the default size from the specified size.
- The machine cannot enter Energy Saver Mode after repeatedly entering and recovering from the mode.
- 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.

- 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.
- 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 12.07.06
1st Mass production

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*** Basic Information ***
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[Create date] 2018/09/21

[Program Name] Java VM v12 std UpdateTool

[Version] 12.61.03

[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.] D2065884H_upd

[File Information]

File Name D2065884H_upd.exe

File Type Module for Service

Size 61.63 MB (64627182 byte)

Check Sum -8Bit Sum: E771

 -16Bit Sum(Little Endian): E8CC

 -16Bit Sum(Big Endian): 6FA5

[Availability of RFU] No

[Production reflection] 2018/09

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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:

- Gloria don't start up when power off/on then system settings can't be used.
- The package firmware might not be updated if the firmware includes an application that needs to be rebooted when updated.

Other changes:

- Minor changes for its internal operations.
- Login might fail if attempting to log in with an IC card while the On-demand Print screen is displayed.

[Modification history]

Version 12.57.00

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.
- Startup may take a long time and SC998 may occur if Streamline NX and CAP v2 are installed.
- 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.
- 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 12.46.01

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.
- 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 12.37.01

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 12.20.04

Symptom corrected:

- Auto Color Select mode can be selected, although it is not a feature available for this machine. When the user attempts to scan with this mode, scanning does not start.
- SC637 may occur, if the machine is shut down while printing.

Version 12.17.01

Other changes:

Changes were applied for the domestic (Japan) model only.

Version 12.12.06

Symptom corrected:

- 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 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 is installed via Remote Install Manager, the heap size may be reset to the default size from the specified size.
- The machine cannot enter Energy Saver Mode after repeatedly entering and recovering from the mode.
- 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.

- 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.
- 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 12.07.06
1st Mass production

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*** Basic Information ***
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[Create date] 2018/09/21

[Program Name] Java VM v12 std for eDC

[Version] 12.61.03

[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.] D2065884H_edc

[File Information]

File Name D2065884H_edc.ifu

File Type Module for Service

Size 61.79 MB (64793428 byte)

[Availability of RFU] No

[Production reflection] 2018/09

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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:

- Gloria don't start up when power off/on then system settings can't be used.
- The package firmware might not be updated if the firmware includes an application that needs to be rebooted when updated.

Other changes:

- Minor changes for its internal operations.
- Login might fail if attempting to log in with an IC card while the On-demand Print screen is displayed.

[Modification history]

Version 12.57.00

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.
- Startup may take a long time and SC998 may occur if Streamline NX and CAP v2 are installed.
- 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.
- 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 12.46.01

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.
- 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 12.37.01

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 12.20.04

Symptom corrected:

- Auto Color Select mode can be selected, although it is not a feature available for this machine. When the user attempts to scan with this mode, scanning does not start.
- SC637 may occur, if the machine is shut down while printing.

Version 12.17.01

Other changes:

Changes were applied for the domestic (Japan) model only.

Version 12.12.06

Symptom corrected:

- 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 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 is installed via Remote Install Manager, the heap size may be reset to the default size from the specified size.
- The machine cannot enter Energy Saver Mode after repeatedly entering and recovering from the mode.
- 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.

- 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.
- 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 12.07.06
1st Mass production

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*** Basic Information ***
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[Create date] 2019/08/02

[Program Name] System/Copy

[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.] D2065860P

[File Information]

File Name D2065860P.fwu

File Type Module for Service

Size 18.89 MB (19804920 byte)

[File Information]

File Name D2065860P.rfu

File Type Module for Remote Upgrade

Size 18.89 MB (19812608 byte)

[Availability of RFU] Yes

[Production reflection] 2019/06

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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:

- It takes time to login after authenticating the card.

[Modification history]

Version 1.12

Rank C

Symptom corrected:

- If the following conditions are met, Copy function may not work correctly.
 - Log capture function is enabled.
 - Low Energy Timer set to a shorter time than Sleep Mode Timer.
 - After copying originals with not selecting Sort/Stack function, the machine goes into the Low Energy Mode before Copy/DocumentBox Auto Reset timer works.
- After entering the user code to start up the Copy application, the user code input screen does not disappear.
- If the "Stop" button is pressed while logging out after a paper jam occurred, the "Start" button of the copy application might not respond.

Version 1.11

Rank C

Symptom corrected:

- 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 overwritten:
 - Email address
 - FAX address
 - Folder address
- 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.
- Printer capture data might not be sent when printing a blank page if the capture function is enabled.
- User and SP settings information in the Copy (Classic) application and the Scanner (Classic) application might be cleared after version up or down to specific firmware version.

Version 1.10

Rank C

Symptom corrected:

- If the same value is set in the Auto-logout timer and the Energy Saver timer, the machine might reboot after the time has elapsed.

Version 1.09

Symptom corrected:

- If Scanner Separation Kit is installed on the machine, USB storage device is not correctly recognized when inserted into the USB slot on the operation panel.

Version 1.08

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 v1.08 (D2065860J)

Network Support v14.32 (D2065871E)

Web Support v1.05 (D2065867F)

Scanner v01.03 (D2065866D)

OpePanel

- General model: v1.03 (D2061490C)
- China model: v1.02 (D2061491A)

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

Version 1.07

Symptom corrected:

- SC687 occurs, if a document is opened in Web Image Monitor while printing a document from the Document Server with the scaling enlarged or reduced.
- Wrong fonts are used in some operation screens and the Web Image Monitor.
- Printing multiple copies of an A0 or larger size job from the HDI driver causes SC899.
- Jam occurs, if the zigzag folded edge is 5,141mm or larger.
- The correct error code is not displayed on the operation panel, if logged in by a user who is unregistered in the address book using an external authentication when the address book is full.
- The printout is not as expected, if A2 or smaller size jobs stored in the Document Server are enlarged and printed continuously.

Version 1.06

Specification changes:

- SP 5756-001 (change image orientation when folding wide images) was added as a new SP setting.
- A4 folding job can be combined with punch or stamp options.
- Multiple copies of preset jobs can be run using the New Copy button.

Symptom corrected:

- A4 folding job is printed upside down.
- Compulsory Security Stamp is not stamped in the correct position according to the orientation of the image.
- SC 819 may occur.
- User name case sensitivity specified for card authentication login in the following setting is not honored:

Configuration > General Settings > User Name Case Sensitivity

- If a document in the Document Server was printed using the Auto Reduce/Enlarge function, output image of the succeeding copy job is not as expected.

Version 1.05

Error Correction:

- When scanning an original containing multiple pages with the Twain driver, error (code: 36856) occurs on the client PC and scan stops midway.
- 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.
- A blank area appears on the printout, if continuously copying a document containing multiple pages.
- If "Store and Skip Error Job" is enabled, Job History will not appear.
([User Tools] -> [Printer Features] -> [System] -> [Store and Skip Error Job]
- An SC819 error might occur when using network-related functions, such as accessing Web Image Monitor.
- If attempted to print a TIFF file, error message appears and the Data-in lamp remains flashing and printing cannot resume.

Version 1.04

Error Correction:

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 ("?").
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 1.03

1st Mass production

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*** Basic Information ***
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[Create date] 2018/09/19

[Program Name] System/Copy

[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.] D2065860M

[File Information]

File Name D2065860M.fwu

File Type Module for Service

Size 18.89 MB (19804764 byte)

[File Information]

File Name D2065860M.rfu

File Type Module for Remote Upgrade

Size 18.89 MB (19812608 byte)

[Availability of RFU] Yes

[Production reflection] 2018/09

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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 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
- 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.
- Printer capture data might not be sent when printing a blank page if the capture function is enabled.
- User and SP settings information in the Copy (Classic) application and the Scanner (Classic) application might be cleared after version up or down to specific firmware version.

[Modification history]

Version 1.10

Rank C

Symptom corrected:

- If the same value is set in the Auto-logout timer and the Energy Saver timer, the machine might reboot after the time has elapsed.

Version 1.09

Symptom corrected:

- If Scanner Separation Kit is installed on the machine, USB storage device is not correctly recognized when inserted into the USB slot on the operation panel.

Version 1.08

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 v1.08 (D2065860J)

Network Support v14.32 (D2065871E)

Web Support v1.05 (D2065867F)

Scanner v01.03 (D2065866D)

OpePanel

- General model: v1.03 (D2061490C)

- China model: v1.02 (D2061491A)

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

Version 1.07

Symptom corrected:

- SC687 occurs, if a document is opened in Web Image Monitor while printing a document from the Document Server with the scaling enlarged or reduced.
- Wrong fonts are used in some operation screens and the Web Image Monitor.
- Printing multiple copies of an A0 or larger size job from the HDI driver causes SC899.
- Jam occurs, if the zigzag folded edge is 5,141mm or larger.
- The correct error code is not displayed on the operation panel, if logged in by a user who is unregistered in the address book using an external authentication when the address book is full.
- The printout is not as expected, if A2 or smaller size jobs stored in the Document Server are enlarged and printed continuously.

Version 1.06

Specification changes:

- SP 5756-001 (change image orientation when folding wide images) was added as a new SP setting.
- A4 folding job can be combined with punch or stamp options.
- Multiple copies of preset jobs can be run using the New Copy button.

Symptom corrected:

- A4 folding job is printed upside down.
- Compulsory Security Stamp is not stamped in the correct position according to the orientation of the image.
- SC 819 may occur.
- User name case sensitivity specified for card authentication login in the following setting is not honored:
Configuration > General Settings > User Name Case Sensitivity
- If a document in the Document Server was printed using the Auto Reduce/Enlarge function, output image of the succeeding copy job is not as expected.

Version 1.05

Error Correction:

- When scanning an original containing multiple pages with the Twain driver, error (code: 36856) occurs on the client PC and scan stops midway.
- 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.
- A blank area appears on the printout, if continuously copying a document containing multiple pages.
- If "Store and Skip Error Job" is enabled, Job History will not appear.
([User Tools] -> [Printer Features] -> [System] -> [Store and Skip Error Job]
- An SC819 error might occur when using network-related functions, such as accessing Web Image Monitor.
- If attempted to print a TIFF file, error message appears and the

Data-in lamp remains flashing and printing cannot resume.

Version 1.04

Error Correction:

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 ("?").
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 1.03

1st Mass production

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*** Basic Information ***
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[Create date] 2018/09/19

[Program Name] NetworkDocBox

[Version] 1.02

[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.] D2065869C

[File Information]

File Name D2065869C.fwu

File Type Module for Service

Size 1.84 MB (1932112 byte)

[File Information]

File Name D2065869C.rfu

File Type Module for Remote Upgrade

Size 1.85 MB (1937664 byte)

[Availability of RFU] Yes

[Production reflection] 2018/09

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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.

[Modification history]

Version 1.01

Rank C

Symptom corrected:

- An SC899 error might occur when Device Manager NX Accounting frequently requests a device log collection.
- 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.
- 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.
- 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.
- When the image log capture function is enabled and a large number of jobs are performed, the capture cannot be executed and the device will freeze.

Version 1.00

1st Mass production