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

[Program Name] System/Copy

[Version] 1.17

[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.] D0745773R

[File Information]

File Name D0745773R.fwu

File Type Module for Service

Size 16.82 MB (17633508 byte)

[File Information]

File Name D0745773R.rfu

File Type Module for Remote Upgrade

Size 16.82 MB (17641728 byte)

[Availability of RFU] No

[Production reflection] 2018/06

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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

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 v1.17 (D0745773R)
- Network Support v9.72 (D0745779C)
- Web Support v1.10 (D0745777F)
- Scanner v01.08 (D0745776C)

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

[Modification history]

Version 1.16

Rank C

Symptom corrected:

- @remote communication with Cumin may be disconnected

Version 1.15

Specification Change:

Enhanced security feature

- Message prompting to change the password appears when logged in as administrator for the first time.

Error Correction:

In the window to change the Administrator log-in password, pressing the "OK" or "Cancel" key twice in a row causes to close the window followed by the below symptoms:

- Hard keys on the operation panel are disabled
- SC816
- Engine cannot restart

Engine is unable to report the calls below:

- Supply call
- Auto call
- Manual call

Version 1.14

Specification Change:

SP1151-013 (Pressure Setting: Pressure Position 3) is available in

the Advanced Setting for Skilled Operators (#0705). This sets the length of time pressure is increased on the fusing roller by the pressure roller for printing Envelopes.

Version 1.13

Symptoms Corrected:

- SP5824-1 (NVRAM Data Upload) and SP5825-1 (NVRAM Data Download) do not work correctly and SP values, e.g. SP2152, are not restored.
- When printing in duplex on paper sizes A3/DLT or larger and a blank page is printed on the 2nd side, the Bk development counter fails to count the blank page.

Note: The development counter is for design use only and is not used for billing.

Version 1.12

Symptoms Corrected:

- Changing the date/time setting on the machine causes the system to falsely detect an unauthorized access.
- Web Image Monitor can be accessed with administrator authentication even in lockout status.
- User might not be able to log out after access authorized using an IC card.
- Scan to folder fails with Mac OS X 10.7(Lion) and 10.8(Mountain Lion).

Version 1.11

Specification Changes:

New click counter function for banner page printing

[Banner page printing basics]

- Banner page printing on the Taurus is enabled by activating the function in SP5-150-001.
- Banner pages are paper with a length longer than 488mm, up to 630mm (sub scan direction).
- Banner pages are fed from Tray 6 (by-pass tray).

[New click charge function]

- Set the value in SP5-104-101 (Super Service Mode) to g1 h to activate the counter function for banner page printing.
- Counter value (# of banner sheets fed) is displayed in SP8-391-003.
- Specify the threshold of the paper length in SP5-104-102.
- The above SP settings will slightly change the specification of the billing counter. See [Billing Counter] below for details.

The following table describes how banner pages are counted according to the threshold (mm) set in SP5-104-002 using two examples.

* Please refer to RTB for details. *

[Billing Counter]

Below is an example of how banner page printing affects the billing counter when SP5-104-102 is set to g0 h.

** Please refer to RTB for details. **

[Additional Note]

Firmware requirements:

If you apply this firmware to activate the AC transfer function, be sure to upgrade all the firmwares listed in the following table together as a set.

*In order to use the AC transfer function with the machine produced before December 2012, the AC power supply unit must be installed (See RTB# RD074097).

Firmware	Version
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Engine	1.63.04 or newer
System/Copy	1.11 or newer
OpePanel.EXP	1.11 or newer
Language Install	1.07 or newer
Web Support	1.09 or newer

Specification Changes:

1. The default value of the following SP was changed from "0" to "1".
SP2-830-001 AC Transcription Power Pack

Version 1.10

Symptom Corrected:

The job in Document Server was not printed correctly with the magazine mode.

Version 1.09

Symptom Corrected:

Magnification values adjusted for custom paper in Advanced Settings are not saved correctly.

Specification Changes:

The default values of the following SPs were modified to reduce "shock jitter".
SP 1022-002 -70 -> -120

Version 1.08

Specification Changes

Support of the Chinese language and the Chinese keyboard

Version 1.07

Firmware requirements

Be sure to upgrade all the firmwares listed in the following table together as a set.

Firmware	Version	Program No.
Engine	1.58.04 or newer	D0745404E or newer
System/Copy	1.07 or newer	D0745773F or newer
Websys	1.06 or newer	D0745777C or newer

Specification Changes

1. The following SPs to prevent condensation were added under SP1945

"Set Cooling Operation":

- SP1945-016

When the temperature is lower than the value defined in this SP, the anti-condensation function turns ON.

- SP1945-017

The rotation speed of the fans can be adjusted in this SP, either full-speed or half-speed. The rotation of the fans increases the guide plate temperature and prevents condensation.

- SP1945-018

This SP specifies ON("1") or OFF("0") of the anti-condensation function.

2. The following SP for adjusting the sub scan registration was added.

- SP1-501-001

* Please see RTB #RD074022a for details.

3. The default values for the following SPs were modified for better image quality.

- SP1984-104 170->180

- SP1984-125 165->180

- SP1984-110 170->160

- SP1984-117 170->160

Version 1.06

Engine and System/Copy must be upgraded concurrently.

Engine 1.56.1:04 (D0745404D)

System/Copy 1.06 (D0745773E)

(NOTE: Fiery version must be 1.1 or 1.2)

Plockmatic and GBC Punch are supported from the following ver,

Engine 1.56.1:04 (D0745404D)

System/Copy 1.06 (D0745773E)

Fiery version 1.2

Finisher SR5040/SR5030 01.040.01(D5125620D)

Specification Changed;

1. SP1945-013 default:0 (0:Normal Speed, 1:Half Speed)
2. The following unused SP were deleted.
SP1002-001-003
SP1020-001-003
SP2823-001-007
SP2824-001-007

Symptom Corrected;
Black registration is misaligned when MUSIC is processed if the subscan magnification correction has been adjusted.

Version 1.05
Symptoms Corrected:

After changing the function priority in the system settings to "copier" and rebooting the Fiery, the control panel displays "Ready" but the Start key LED remains red and cannot function.

Button display for menu item 19: Process Speed Setting in the Advanced Settings was changed from "Low, High, Middle" to "Low, Middle, High".

Adjustment range of the low limit described in "0605: Letter Fold-in Position 2; multi-sheed fold" did not display the correct value.
Adjustment range was corrected from "-4.0mm ~ +4.0mm" to "0mm ~ +4.0mm".

Jam removal video instruction on the operation panel returns to the initial jam indication screen even when the jammed sheets are removed accordingly with the instructions for jam display code "D".

Jammed sheets stuck in the duplex path between the left and right drawers (Z3-Z4) tend to tear apart if removed accordingly to the instructions shown in the video. Jam removal video instruction was revised to allow easier jam removal in this location.

The following peripherals are supported starting from this version:

Buffer Pass Unit Type 5010
Trimmer Unit TR5040
Cover Interposer Tray CI5020
High Capacity Stacker SK5020
Ring Binder RB5010

Please make sure the firmwares are updated to the versions listed below for new site installations.
Bug fixes hereafter will also be based on this combination.

[Mainframe]

Program Name	Version	Program No.
Engine	1.54:04	D0745404C
TDCU	01.03:54	D0745528C
Web Uapl	1.02	D0745778B
Web Support	1.05	D0745777B
Language	1.02	D0746890A
OpePanel_USA	1.05	D0746885B

Opepanel_EUR 1.05 D0746886B
Sysytem 1.05 D0745773D

[Fiery Server]
System Software Version 1.1
User Software Version 1.1

[Update Procedure]
1. Fiery Server
Step1-1.
<For New Site Installations>
Check the Fiery software version described on the label of the
System software accessory DVD.
<For Existing Sites>
Check the Fiery software version on the FieryDriven screen.

Proceed to Step1-2 if the current version is V1.0.
Update is not required if the current version is V1.1 or newer.

Step1-2.
Do the Fiery System Installation using the following versions.
See section "Fiery System Installation" of the service manual.
System Software DVD Version1.1
User Software DVD Version1.1

Note
"Fiery System Installation" will take approximately 60min. It is
recommended to update the Fiery and the mainframe simultaneously.

2. Mainframe
After completing the installation and confirming the proper function
of the system, proceed to "Step 2-1" below.
Step2-1.
Confirm the current "System" version in SP7801.
Proceed to "Step 2-2" if the current version is either V1.02 or V1.03.
Update is not required if the current version is V1.05 or newer.

Step2-2.
Update the following 6 firmwares concurrently.
See section "Firmware Update Procedure" of the service manual.

Program Name	Before the Update	After the Update

1 System/Copy	D0745773B (V1.02) or D0745773C (V1.03)	D0745773D (V1.05)
2 WebSys	D0745777A (V1.04)	D0745777B (V1.05)
3 WebUapl	D0745778A (V1.00)	D0745778B (V1.02)
4 Engine	D0745404B (V1.05.1:04)	D0745404C (V1.54:04)
5 TDCU	D0745528B (V01.02:04)	D0745528C (V01.03:04)
6 Operation Panel	NA:D0746885A (V1.04) EU:D0746886A (V1.04)	NA:D0746885B (V1.05) EU:D0746886B (V1.05)

Step2-3.Turn the machine power OFF, and then, ON after the update.
Step2-4.Modify the four SP settings as described in the table below.

SP	Description	Current value	Modified value
SP1-945-013	Pressure Roller Fan Strength	1	0
SP2-225-017	Cleaning Speed: Col Special Mode Coefficient2	1.20	1.00
SP3-533-001	Interrupt ProCon :Set Interval: Set: BW	0	500
SP3-533-011	Interrupt ProCon :Set Interval: Set: FC	0	500

Step2-5.Exit the SP mode, and power cycle the machine to complete the procedure.

Version 1.03

1st Mass production

Note

DO NOT install this Firmware to the proto-type machines.

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*** Basic Information ***
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[Create date] 2018/02/08

[Program Name] System

[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.] M0445773J

[File Information]

File Name M0445773J.fwu

File Type Module for Service

Size 13.67 MB (14337216 byte)

[File Information]

File Name M0445773J.rfu

File Type Module for Remote Upgrade

Size 13.68 MB (14344448 byte)

[Availability of RFU] No

[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 C

Symptom corrected:

- @remote communication with Cumin may be disconnected

[Modification history]

Version 1.08

Specification Change:

SP1151-013 (Pressure Setting: Pressure Position 3) is available in the Advanced Setting for Skilled Operators (#0705). This sets the length of time pressure is increased on the fusing roller by the pressure roller for printing Envelopes.

Version 1.07

Symptom Corrected:

- SP5824-1 (NVRAM Data Upload) and SP5825-1 (NVRAM Data Download) do not work correctly and SP values, e.g. SP2152, are not restored.
- When printing in duplex on paper sizes A3/DLT or larger and a blank page is printed on the 2nd side, the Bk development counter fails to count the blank page.

Note: The development counter is for design use only and is not used for billing.

- Changing the date/time setting on the machine causes the system to falsely detect an unauthorized access.
- Web Image Monitor can be accessed with administrator authentication even in lockout status.
- User might not be able to log out after access authorized using an IC card.

Version 1.06

Specification Changes:

New click counter function for banner page printing

[Banner page printing basics]

- Banner page printing on the Taurus is enabled by activating the function in SP5-150-001.
- Banner pages are paper with a length longer than 488mm, up to 630mm (sub scan direction).
- Banner pages are fed from Tray 6 (by-pass tray).

[New click charge function]

- Set the value in SP5-104-101 (Super Service Mode) to g1 h to activate the counter function for banner page printing.
- Counter value (# of banner sheets fed) is displayed in SP8-391-003.
- Specify the threshold of the paper length in SP5-104-102.
- The above SP settings will slightly change the specification of the billing counter. See [Billing Counter] below for details.

The following table describes how banner pages are counted according to the threshold (mm) set in SP5-104-002 using two examples.

* Please refer to RTB for details. *

[Billing Counter]

Below is an example of how banner page printing affects the billing counter when SP5-104-102 is set to g0 h.

** Please refer to RTB for details. **

[Additional Note]

Firmware requirements:

If you apply this firmware to activate the AC transfer function, be sure to upgrade all the firmwares listed in the following table together as a set.

*In order to use the AC transfer function with the machine produced before December 2012, the AC power supply unit must be installed (See RTB# RD074097).

Firmware	Version
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Engine	1.63.04 or newer
System/Copy	1.06 or newer
OpePanel.EXP	1.11 or newer
Language Install	1.07 or newer
Web Support	1.07 or newer

Specification Changes

1. The default value of the following SP was changed from "0" to "1".
SP2-830-001 AC Transcription Power Pack

Version 1.05

Symptom Corrected:

Magnification values adjusted for custom paper in Advanced Settings are not saved correctly.

Specification Changes:

The default values of the following SPs were modified to reduce "shock jitter".SP 1022-002 -70 -> -120

Version 1.04
Specification Changes

Support of the Chinese Language and the Chinese keyboard

Version 1.03
Firmware requirements
Be sure to upgrade all the firmwares listed in the following table together as a set.

Firmware	Version	Program No.
Engine	1.58.04 or newer	M0445404C or newer
System/Copy	1.03 or newer	M0445773C or newer
Websys	1.04 or newer	M0445777B or newer

Specification Changes

1. The following SPs to prevent condensation were added under SP1945 "Set Cooling Operation":
 - SP1945-016
When the temperature is lower than the value defined in this SP, the anti-condensation function turns ON.
 - SP1945-017
The rotation speed of the fans can be adjusted in this SP, either full-speed or half-speed. The rotation of the fans increases the guide plate temperature and prevents condensation.
 - SP1945-018
This SP specifies ON("1") or OFF("0") of the anti-condensation function.
2. The following SP for adjusting the sub scan registration was added.
 - SP1-501-001

* Please see RTB #RD074022a for details.
3. The default values for the following SPs were modified for better image quality.
 - SP1984-104 170->180
 - SP1984-125 165->180
 - SP1984-110 170->160
 - SP1984-117 170->160

Version 1.02
Engine and System/Copy must be upgraded concurrently.
Engine 1.56.1:04 (M0445404B)
System/Copy 1.02 (M0445773B)
(NOTE: Fiery version must be 1.1 or 1.2)

Plockmatic and GBC Punch are supported from the following ver,
Engine 1.56.1:04 (M0445404B)
System/Copy 1.02 (M0445773B)

Fiery version 1.2

Finisher SR5040/SR5030 01.040.01(D5125620D)

Specification Changed;

1. SP1945-013 default:0 (0:Normal Speed, 1:Half Speed)

2. The following unused SP were deleted.

SP1002-001-003

SP1020-001-003

SP2823-001-007

SP2824-001-007

Symptom Corrected:

Black registration is misaligned when MUSIC is processed if the
subscan magnification correction has been adjusted.

Version 1.01

1st Mass production

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*** Basic Information ***
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[Create date] 2018/06/20

[Program Name] Scanner

[Version] 01.08

[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.] D0745776C

[File Information]

File Name D0745776C.fwu

File Type Module for Service

Size 1.50 MB (1569456 byte)

[File Information]

File Name D0745776C.rfu

File Type Module for Remote Upgrade

Size 1.50 MB (1577216 byte)

[Availability of RFU] No

[Production reflection] 2018/06

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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

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 v1.17 (D0745773R)
- Network Support v9.72 (D0745779C)
- Web Support v1.10 (D0745777F)
- Scanner v01.08 (D0745776C)

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

[Modification history]

Version 01.07

Specification Changed:

The original specification did not allow creation of PDF files under the condition as described as "case 3" below.

The modified specification allows creation of security set PDF files even under the condition where the "Document Password" is not set and the "Master Password" is set.

<Security Settings for PDF Files>

Encrypting PDF files	Security permissions	Current Specification	Modified Specification
case 1 Document password NOT set	Master password NOT set	Available	Available
case 2 Document password set	Master password NOT set	Available	Available
case 3 Document password NOT set	Master password set	Unavailable	Available
case 4 Document password set	Master password set	Available	Available

This modification is supported by the versions listed below.

*Make sure to update to the versions listed below as a set.

- Network DocBox Ver 1.01(D0745780B j
- Scanner Ver 01.07 (D0745776B)
- Web Uapl Ver 1.03 (D0745778C)

Version 01.05

1st Mass production

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*** Basic Information ***
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[Create date] 2018/06/20

[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.] D0745777F

[File Information]

File Name D0745777F.fwu

File Type Module for Service

Size 4.11 MB (4308828 byte)

[File Information]

File Name D0745777F.rfu

File Type Module for Remote Upgrade

Size 4.11 MB (4313344 byte)

[Availability of RFU] No

[Production reflection] 2018/06

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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

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 v1.17 (D0745773R)
- Network Support v9.72 (D0745779C)
- Web Support v1.10 (D0745777F)
- Scanner v01.08 (D0745776C)

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

[Modification history]

Version 1.09

Firmware requirements:

If you apply this firmware to activate the AC transfer function,
be sure to upgrade all the firmwares listed in the following table
together as a set.

*In order to use the AC transfer function with the machine produced
before December 2012, the AC power supply unit must be installed
(See RTB# RD074097).

Firmware	Version
-----	-----
Engine	1.63.04 or newer
System/Copy	1.11 or newer
OpePanel.EXP	1.11 or newer
Language Install	1.07 or newer
Web Support	1.09 or newer

Specification Changes:

1. The following adjustment functions are added to "Custom Paper
Settings for Administrators". See "Notes for Users" of TCRU/ORU
manuals for details.

- 44: Txt Ppr: Ppr Trns Voltage: B&W: Side 1
- 45: Txt Ppr: Ppr Trns Voltage: B&W: Side 2
- 46: Txt Ppr: Paper Trnsf Voltage: FC: Side 1
- 47: Txt Ppr: Paper Trnsf Voltage: FC: Side 2
- 48: Txt Ppr: Ppr Trns Isolatr Voltag: Side 1
- 49: Txt Ppr: Ppr Trns Isolatr Voltag: Side 2

Version 1.07.1

Specification Changes

1. Support of the Chinese language and the Chinese keyboard

Symptom Corrected

1. Changes in custom paper settings are not reflected to the EFI controller when the settings are changed via Web Image Monitor

----- Version 1.06

Firmware requirements

Be sure to upgrade all the firmwares listed in the following table together as a set.

Firmware	Version	Program No.
Engine	1.58.04 or newer	D0745404E or newer
System/Copy	1.07 or newer	D0745773F or newer
Websys	1.06 or newer	D0745777C or newer

----- Version 1.05

The following peripherals are supported starting from this version:

Buffer Pass Unit Type 5010

Trimmer Unit TR5040

Cover Interposer Tray CI5020

High Capacity Stacker SK5020

Ring Binder RB5010

Please make sure that ALL versions listed below are updated concurrently.

[Mainframe]

Program Name	Version	Program No.
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Engine	1.54:04	D0745404C
TDCU	01.03:54	D0745528C
Web Uapl	1.02	D0745778B
Web Support	1.05	D0745777B
Language	1.02	D0746890A
OpePanel_USA	1.05	D0746885B
Opepanel_EUR	1.05	D0746886B
System	1.05	D0745773D

[Fiery Server]

System Software Version 1.1

User Software Version 1.1

----- Version 1.04

1st Mass production

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*** Basic Information ***
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[Create date] 2018/06/20

[Program Name] Network Support

[Version] 9.72

[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.] D0745779C

[File Information]

File Name D0745779C.fwu

File Type Module for Service

Size 5.85 MB (6132724 byte)

[File Information]

File Name D0745779C.rfu

File Type Module for Remote Upgrade

Size 5.86 MB (6140160 byte)

[Availability of RFU] No

[Production reflection] 2018/06

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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

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 v1.17 (D0745773R)
- @- Network Support v9.72 (D0745779C)
- @- Web Support v1.10 (D0745777F)
- @- Scanner v01.08 (D0745776C)

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

[Modification history]

Version 9.71

Symptoms Corrected:

- The MFP icon might not appear in the Windows "Network" dialogue if SSDP is enabled. This problem could occur with Windows Vista, 2008/R2, and 7.
- The device might lose network connectivity if SSDP is enabled. Network connectivity could be restored after a power cycle, however, only temporarily.
- Scan to SMB using an IP address could cause unsuccessful transfer of the scanned documents.
- Printer driver cannot be installed on Windows 2008 R2 SP1 or 7 SP1 using an IPP port if IPP Authentication is enabled on the device.
- Scan to SMB fails when both of the following conditions are met. Either the NBT is disabled or it is enabled but the device is unable to identify the destination NetBIOS name. One or more octets in the IPv4 destination address contain leading zeros.
- SC991 might occur and network functions could be disabled if both DHCP and DDNS are enabled and DHCP server allocates an FQDN of more than 127 bytes to the device.
- Device applications or services that use any of ports 80, 443, 7443 or 7444 could be disabled if an illegal packet is sent to TCP ports 443, 7443 or 7444 after SSL negotiation handshake. Affected applications include Web Image Monitor, IPP Printing and @Remote.
- If "CNAME" is specified as the destination folder, ScanTo Folder will abort.
- If NBT is disabled, the destination for Scan to Folder might not be displayed and Windows authentication might fail.
- Cannot scan to shared folders in Windows 8.
- Scan to folder fails with Mac OS X 10.7(Lion) and 10.8(Mountain Lion).

Note:

If you apply this firmware to correct the ScanToFolder issue with
Mac OS X 10.7 and 10.8, be sure to upgrade System/Copy firmware to
v1.12 or newer as a set.
Otherwise, transfer speed of ScanToFolder will decrease.

Version 9.67
1st Mass production