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\*\*\* Basic Information \*\*\*  
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[Create date] 2017/12/18  
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[Program Name] System/Copy  
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[Version] 1.14  
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[PCB No.]  
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[Interchangeability] X / O  
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[Other Firmware Requirements] None  
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[PCB Requirements] None  
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[Software category] Normal Release  
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[Release category] Normal Release  
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[Program category] Firmware  
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Exported to(language) GEN(all)

[Firmware No.] D0145761Q

[File Information]

File Name      D0145761Q.fwu

File Type      Module for Service

Size           16.14 MB ( 16919132 byte )

[File Information]

File Name      D0145761Q.rfu

File Type      Module for Remote Upgrade

Size           16.14 MB ( 16924928 byte )

[Availability of RFU] No  
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[Production reflection] 2017/12  
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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

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[Modification history]  
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Version 1.13

Symptom corrected:

Cannot scan to shared folders in Mac OS X 10.7(Lion), 10.8 (Mountain Lion).

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Version 1.12

Symptom corrected:

1. SC860 occurs after the machine switch is turned on.
2. SC816 occurs when machine goes into Energy saver mode.
3. SC816 occurs when machine returns from Energy saver mode.
4. Encryption communication becomes impossible for the HTTP client due to repeated encryption communication failures.
5. When paper is fed from the tandem tray (LCT), machine behavior does not conform to the setting (priority of "productivity" or "tray") of SP5-195-001: Limitless SW.
6. Although "Mixed Original" mode of Fiery Scan is set to ON, when some specific size of paper is mixed, the Fiery controller may freeze while scanning the originals.
7. Might be unable to use the printer function if the MFP that installed VM card option, ELP and MFP Browser returns from energy saver mode.
8. Scan to NCP fails if all of the following conditions met:
  - The destination is specified using the IP address.
  - The Novell server and the device are in different subnets.
  - The subnet routers filter SLP multicasts.Note: Requires System firmware (version 1.12 or later) and Scanner firmware (version 01.08 or later).
9. Scan to NCP fails or takes long time to complete if the IPX protocol is used and there are more than 2 Novell Directory Services (NDS) servers in the network hierarchy.  
Note: Requires System firmware (version 1.12 or later) and Scanner firmware (version 01.08 or later).
10. The MFP operation panel might go black and not return until the power is cycled. This only occurred if User Authentication was enabled or the MFP had a Device Accounting Unit such as a coin collector or charge card reader.

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Version 1.11

Symptom Corrected:

Printer Driver cannot detect PU5000 punch unit doing auto update of machines accessories when both GBCIII and SR5000 with punch unit are installed with V-C2.

Other Change:

The vendor code contained in the controller board Mac address was updated from "00-00-74" to "00-26-73" (all possible Mac addresses using the old vendor code have been exhausted).

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Version 1.10

Modified Points or Symptom Corrected

1. Newly supports paper catalog feature (E-8100 System Software Ver.1.1.)
2. Multi Print Job from IPDS printer stops suddenly.
3. SC990 occurs when the print job from document box using the function paper more than 102 pages.
4. SC816 when the machine goes into the STR condition.

IMPORTANT: This firmware version has combination with other firmware. Refer to relating Release Note issued by RTB#RD014076c.

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Version 1.09

IMPORTANT NOTICE:

If the Ring Binder RB5000 is connected to the copier, be sure to upgrade the EFI controller E-7100/E-8100 system software to Ver1.10 or newer as a set.

Regarding the new version system for E-7100/E-8100 that will support the Ring Binder RB5000 will be later informed in a separate RTB.

IMPORTANT:

When you update to this version of System/Copy firmware (ver. 1.09, ProgramNo. D0145761K), be sure to install the following firmware version (or newer) together as a set, otherwise the machine will not function correctly.

Upgrade the firmware listed in the table below together as a set, according to the options that are already installed on the customer's machine.

Note:

1. "Printer", "Scanner" and "Option PCL" should be upgraded ONLY on machines which have the Printer/Scanner Option installed. (D014/D015 copier)

Firmware:	Version:	Program No.:	Note:
Remote Fax	03.00.00	D0145768C	for D014/D015
Web Uapl	1.07	D0145770D	for D014/D015/D078/D079
Web Support	1.31	D0145769G	for D014/D015/D078/D079
Network DocBox	2.02	D0145771E	for D014/D015/D078/D079
Fax	04.00.00	D0145773D	for D014/D015

Printer	1.09	D3765902F	for D014/D015 only
Scanner	01.07	D3765903D	for D014/D015 only
Option PCL	1.03	D3785913C	for D014/D015 only
OpePanel.EXP_USA	2.02	D0145453D	Note 1
OpePanel.EXP_EUR	2.02	D0145454D	Note 2
Language Install	2.02	D0145451C	for D014/D015/D078/D079
Engine	1.50:01	D0145402J	for D014/D015/D078/D079

Note:

1. This firmware is for the following models only:  
D014-17/D015-17/D078-17/D079-17.
2. This firmware is for the following models only:  
D014-26/D014-27/D014-66/D015-26/D015-27/D015-66.

Symptom corrected:

1. Supports use of the Ring Binder RB5000 with the D014/D015/D078/D079 copiers.
2. If the machine continuously receives faxes, and the setting for storing these documents directly to the HDD is enabled, the "HDD full" condition occurs and the machine becomes unable to receive faxes.
3. SC955 occurs when the "Do not print blank pages" setting is enabled.
4. SC990 occurs when a print job is resumed following the clearing of a paper jam.
5. SC991 occurs when the external controller restarts after a job is printed out that was initiated while the machine was in Energy Saver mode.
6. The device might stall with the SC955 if the jobs that stored to use a printer with 1200dpi are printed with the following conditions.
  - Paper size is B4, LG or 8K(for china only).
  - The margin (Document Server > To Print Screen > Edit / Stamp > Margin Adj.) is set from the device when the stored job is printed.
7. The Job log will stop recording User ID, Username or Usercode in the Printer's Job log if WIM is accessed more than 300 times using authentication.
8. Network settings configured via WIM might not be applied to the device even after a reboot.
9. The submission of multiple jobs containing at least 50 pages each, might result in an MFP reboot with an error message (SC990) displayed on the operation panel. This was a very infrequently occurring problem (~.01%).
10. Separation of CMY and K parts of images might occur if the same image is used on multiple pages with different orientations. This only affected stored jobs to which margin adjustments (operation panel setting) had been applied.
11. If a batch of A3 print jobs is followed by a batch of A4 print or copy jobs, the contents of the A4 and A3 jobs will be combined and printed on the same A3 paper. This only affected color jobs.

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Version 1.08

Symptom corrected:

1. Supports Color Controller E-8100.
2. Supports D078/D079 copier.
3. Firmware updates using an SD card might fail. This was an infrequently occurring problem and could often be overcome by simply trying the update again.
4. If a job containing a BW image is stored on the device HDD (ie. via Locked Print) after the device has just returned from Energy Saver mode, an SC672 error will occur. This only affects devices that have the MLB option installed.
5. Mismatched Entry ID and User Name in Web Smart DeviceMonitor > Access Log > "Machine Data Encryption Key Change" log.
6. If the login name or password used for LDAP Authentication contain extended ASCII characters (ie. umlaut), authentication will fail.
7. If both SNTP and Date/Time settings are configured in WIM, WIM might not be accessible. This happened very infrequently (about 1% of the time).

Note: The fix requires that NCS firmware version 7.13 or later be applied to the device.

8. The device will not display warnings about IPv6 address collisions if the optional Gigabit Ether network board is installed.
9. Firmware versions of the FAX and Finisher options are not recorded in Web Image Monitor > Access Log > "Firmware: Structure".
10. If a user logs back in after their session has timed out, the device might stall with the message "Authenticating... Please wait".
11. Sudden loss of wireless network connectivity with an error message on the operation panel: "Problems with the wireless card."
12. The device might stall when a large number of jobs (150 or more) are printed continuously.
13. Communication error between the engine and the controller board.
14. SC819 after recovering from energy saver mode.
15. Errors relating to STR condition.
  - SC819 appears when the machine recovers from the STR condition, due to the error of SD card initialization.
  - SC672 appears during the image processing function just after the machine recovers from the STR condition.
  - SC991 appears after recovering from STR condition.
  - System timer delays 1.3sec after recovering the STR condition.
  - SC672 or SC816 appears when the originals are removed from ADF during the STR condition.
16. Errors relating to EFI controller.
  - The machine freezes when the original is scanned under the Full Color+Mixed ON condition with EFI controller.
  - Machine stalls in the continuous huge print job with EFI controller.
  - Print job with EFI controller freezes.
17. Errors relating to @Remote.
  - Supply call communication error.

- Abnormal supply call e-mail.

Other changes:

1. Global Scan NX now supports High Compression PDF files.

Note: Requires Global Scan NX version 1.2 (SDK application), System firmware (version 1.08 or later), and Embedded Software Architecture SD card Ver.4.14 (SDK/J SDcard Ver.4.14 or later).

2. Global Scan NX now supports a preview function.

Note: Requires Global Scan NX version 1.2 (SDK application), System firmware (version 1.08 or later), and Embedded Software Architecture SD card Ver.4.14 (SDK/J SDcard Ver.4.14 or later).

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Version 1.07

Symptom corrected:

1. Devices using an IPv6 linklocal address, might not be able to use IPsec.
2. An application might not be able to load from an SD card (Printer/Scanner unit, SDK application etc) if either of the WIM settings, Permit Firmware Update or Permit Firmware Structure Change are enabled.
3. Continuous printing of 50-150 page IPDS jobs, for 5 or 6 hours, results in an SC687 error.

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Version 1.06

Symptom corrected:

1. 64 failed attempts to login to Simplified LDAP Authentication will cause all subsequent attempts to fail. This could be resolved by cycling the power.
2. Jobs stored on the device HDD (via Job Type), while the device is in Energy Saver mode, might result in either of the following:
  - SC819 error (most commonly)
  - The saved job is combined with another stored job (less commonly)

Other changes:

1. The speed of switching between SDK applications is faster than before.

Note: To use this, "Embedded Software Architecture SD card Ver.4.08 (SDK/J SDcard Ver.4.08 or later)" and system firmware (version 1.06 or later) needs to be applied to the device.

2. The Card Authentication Package (SDK application) is now available.

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Version 1.05

Symptom corrected or modified.

1. Minor bug concerning the paper jam animation and paper type error.
2. Date/Time print function on copied paper does not function correctly. The time zone setting is ignored and printed with GMT only.
3. Timer will not function correctly after returned from STR (Suspend To RAM) condition.

4. SP6110 to adjust booklet stapling position does not exist.
5. Color Controller E-7100 related issues  
When the scanner is used, the D014/D015 cannot be turned to the "Sleep mode".  
Also, memory overflow may happen when scanner is repeatedly used.  
When printing in high volume, the printer will stop in the middle of the job and
  - the connection of the D014/D015 and E-7100 controller may be lost.
  - the job will be reset.
6. SC866 (SD card authentication error) appears when inserting the option SD card, even though it is released officially.
7. Operation panel does not function after returning the energy saver mode.
8. When connecting to an LDAP server, the device ignores all Kerberos Realms except the first field (up to 5 can be configured). This will cause authentication to fail on any LDAP server outside the first Kerberos Realm.
9. Email addresses retrieved from an LDAP server cannot be saved to the local MFP Address Book using "Prg. Dest". (GFPR#RA08030001)

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#### Version 1.04

##### Symptom corrected:

1. Bugs related to the Copy Connector option (SC991/998/819/672).
2. SC984 occurs after jam recovery.
3. Minor bugs related to @Remote.
4. CMYK images might be shifted so that parts are outside of the printable area. This can occur if all of the following conditions are met:
  - The same image is used consecutively on 2 or more pages with different orientations.
  - The image is printed from a printer driver to HDD (ok) and then output from the HDD to paper.
  - The documents are printed in a size that is smaller than the stored size.
5. The PS option will not start if it was originally installed on the same SD-card as the Printer/Scanner option (SP5-873-001) and then the Printer/Scanner option was uninstalled (SP5-873-002).

##### Other changes:

1. Minor changes were made to the K toner concentration control.
2. Minor changes were made to drum charge control.
3. Minor changes were made to image transfer control.

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#### Version 1.03

##### Symptom corrected:

1. The device did not log Unauthorized Copying attempts in the Access logs.
2. The following are not logged for SDK applications:
  - Access log > "Collect Encrypted Communication Logs"
  - Job Log > all logs
3. If the device fails Kerberos Authentication for the LDAP server,

it can still login to the LDAP server via Digest Authentication.

4. If a USB device is removed while the MFP is in use, an SC 819 error will be shown on the operation panel.
5. The MFP will not recognize USB devices that were inserted before the MFP was powered on.
6. Minor bug corrections in SP mode.
7. SC672 occurs when using the STR (Suspend To RAM) function.
8. A PictBridge error occurs with specific digital cameras.
9. Minor bug correction (Finisher jobs).

Other changes:

1. Supports the Gigabit Ethernet Type B (D377-21).
2. Animated instructions for clearing Q1 jams were added.

#### IMPORTANT:

Make sure to install this firmware with the following, together as a set.

- Scanner V01.05 (D3765903) or newer
- Printer V1.03 (D3765902C) or newer  
(only for machines with the Printer function)
- Network Support V7.05.1 (D0145767B) or newer  
(only for machines with the Printer function)
- Web Support V1.05 (D0145769C) or newer  
(only for machines with the Printer function)
- Web Uapl V1.03 (D0145770B ) or newer  
(only for machines with the Printer function)
- Network DocBox V1.01 (D0145771B) or newer  
(only for machines with the Printer function)
- Animation V2.2 (D0145772B) or newer  
(only for machines with the Printer function)
- Fax V02.00.01 (D0145773B) or newer  
(only for machines with the FAX function)
- Remote Fax V02.00.00 (D0145768B) or newer  
(only for machines with the FAX function)

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Version 1.02

Other changes:

Supports the DOS Unit Type H [D377-06]

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Version 1.01

1st Mass production