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\*\*\* Basic Information \*\*\*  
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[Create date] 2019/07/09  
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[Program Name] System/Copy  
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[Version] 1.22  
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[PCB No.]  
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[Interchangeability] X / O  
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[Other Firmware Requirements] None  
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[PCB Requirements] None  
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[Software category] Normal Release  
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[Release category] Normal Release  
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[Program category] Firmware  
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Exported to(language) GEN(all)

[Firmware No.] D0395521N

[File Information]

File Name       D0395521N.fwu

File Type       Module for Service

Size            17.18 MB ( 18012104 byte )

[File Information]

File Name       D0395521N.rfu

File Type       Module for Remote Upgrade

Size            17.18 MB ( 18018560 byte )

[Availability of RFU] Yes  
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[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

Other changes:

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

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[Modification history]

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Version 1.21

Symptom corrected:

1. The time correction for Summer Time (Southern Hemisphere) is not applied after the setting is enabled.

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Version 1.20

Symptom corrected:

- Cannot scan to shared folders in Mac OS X 10.7 or Mac OS X 10.8.  
This firmware is dependent on the following firmware modules.  
Please be sure to update all of them:  
Network Support firmware v8.33(D0395522K) or later
- If the Auto Logout timer is On, there will be a memory leak occurring everytime a user logs in to the device.
- Repeated failures to login with an IC card will lock the entire account instead of just locking out the access of that card (PIN lock).
- If left for more than 5 minutes on one of the various login-related screens, the operation panel might be freeze.
- The timer used for the "Access Violation" setting's time interval does not properly compensate for changes to the device timer.
- If the "External Optional Counter Type" setting (SP-5113-002) is not equal to '0', the following problems might occur:
  1. Print jobs result in the Data-In LED blinking but nothing is output.
  2. Fax jobs are printed successfully but not counted by the counter.
- If an application button on the operation panel (Scanner, Copier, Printer, etc.) is pushed while the machine is logging a user on ("Authenticating... Please wait."), the login process will be cancelled and the login prompt will be displayed again.
- An image problem of copy/scanner occurs in condition that DataOverwriteSecurity Unit is installed.

Other changes:

- "Color background" or "Stamps" are disabled when External Charge Unit is connected and Black&White is selected.
- New external mech counter switch setting is added to SP5-894-001.

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Version 1.19

Symptom corrected:

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 1.17

##### Symptom corrected:

1. SC817 occurs after the firmware is updated via RFU.
2. 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.

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#### Version 1.16

##### Symptom corrected:

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 1.15

##### Symptom corrected:

- 1.If the HDD storage memory reaches capacity while the machine is receiving a continuous string of FAXes, the machine cannot receive any FAXes after this.
- 2.The machine stops while printing out the SMC report.
- 3.Engine SP data stored in the NV-RAM is not saved to the SD card when an NVRAM data upload (SP5824) is performed.
- 4.Firmware versions of the FAX and Finisher options are not recorded in Web Image Monitor > Access Log > "Firmware: Structure".
- 5.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.
- 6.The submission of multiple jobs containing at least 50 pages each, might result in a reboot with an error message (SC990) displayed on the operation panel. This was a very infrequently occurring problem (~.01%).
- 7.The printer application will stall if any of the following situations are encountered:
  - A print job is submitted while another print job is already being processed by the device.
  - A print job is submitted while the TWAIN driver is scanning.
- 8.A scan initiated by TWAIN might fail if a print job is already being processed by the device.
- 9.Quickly inserting then immediately removing USB memory from the USB2.0/SD Slot option for Scan to Multimedia results in the device stalling with a SC819 error.

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#### Version 1.14

##### Symptom corrected:

When the Wireless LAN is installed, SC855 is logged and the following is displayed on the operation panel: "Problem with the wireless LAN card."

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## Version 1.13

### Symptom corrected:

1. 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 8.23 or later be applied to the device.

2. Web Smart DeviceMonitor > Access Log > "Machine Data Encryption Key Change" > "Start Date/Time" and "End Date/Time" fields are blank.
3. Continuous printing of IPDS jobs for 5-6 hours results in the error message "Functional problem detected." being displayed on the operation panel.  
This is recorded in the error log as an SC687 error.
4. Mismatched Entry ID and User Name in Web Smart DeviceMonitor > Access Log > "Machine Data Encryption Key Change" log.
5. If the login name or password used for LDAP Authentication contain extended ASCII characters (Ie. umlaut), authentication will fail.
6. If a user logs back in after their session has timed out, the device might stall with the message "Authenticating... Please wait".
7. The printing of any SMC report including the following will be recorded in the Access Log as "Machine Data Encryption Key Change"
  - Operation panel > User Tools > Administrator Tools > "Display/Print Counter" > Counter List
  - Operation panel > User Tools > Interface Settings > Print List

### Other changes:

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

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## Version 1.12

1st Mass production

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\*\*\* Basic Information \*\*\*  
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[Create date] 2017/12/26  
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[Program Name] System/Copy  
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[Version] 1.08  
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[PCB No.]  
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[Interchangeability] X / O  
-----

[Other Firmware Requirements] None  
-----

[PCB Requirements] None  
-----

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

[Firmware No.] D0405521J

[File Information]

File Name      D0405521J.fwu

File Type      Module for Service

Size           16.70 MB ( 17507820 byte )

[File Information]

File Name      D0405521J.rfu

File Type      Module for Remote Upgrade

Size           16.70 MB ( 17514752 byte )

[Availability of RFU] Yes  
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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 1.07

Symptom corrected:

1. Data stored in the NAND Flash ROM on the controller board is corrupted.
2. SC870 is triggered and cannot be cleared if the main power switch is turned off while data is being written to the Address Book.

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Version 1.06

Symptom Corrected:

"Yes" and "No" Indications that appear when deleting realm do the opposite function.

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Version 1.05

Symptoms Corrected:

1. SC817 occurs after the firmware is updated via RFU.
2. Translation errors in French. (After sending E-mail, "Err. donees TX e-mail" was shown instead of "Err. donnees RX e-mail")
3. Corrupted images appear when copying in B/W reduce mode 49% or less.
4. Minor bugs

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Version 1.04

Symptom corrected:

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 1.03

Symptom corrected:

Engine SP data stored in the NVRAM will not be saved to the SD card when you perform an NVRAM data upload (SP5824).

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Version 1.02

Symptom Corrected:

1. Many emails are sent out notifying users that machine consumables have been successfully ordered.
2. If the main power is turned off during a Remote Firmware Update, "Please wait" is displayed and a retry cannot be performed.
3. The machine stops printing the SMC report in the middle of the job.
4. Firmware versions of the FAX and Finisher options are not recorded in Web Image Monitor > Access Log > "Firmware: Structure".
5. The submission of multiple jobs containing at least 50 pages each, might result in a reboot with an error message (SC990) displayed on the operation panel. This was a very infrequently occurring problem (~.01%).
6. The printer application will stall if any of the following situations are encountered:
  - A print job is submitted while another print job is already being processed by the device.
  - A print job is submitted while the TWAIN driver is scanning.
7. A scan initiated by TWAIN might fail if a print job is already being processed by the device.

Other Changes:

1. Support for the following languages was added (Asia model): Spanish, Portuguese, French

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Version 1.01.1

Symptom corrected:

1. If the login name or password used for LDAP Authentication contain extended ASCII characters (I.e. umlaut), authentication will fail.
2. The printing of any SMC report including the following will be recorded in the Access Log as "Machine Data Encryption Key Change"
  - Operation panel > User Tools > Administrator Tools > "Display/Print Counter" > Counter List
  - Operation panel > User Tools > Interface Settings > Print List
3. Mismatched Entry ID and User Name in Web Smart DeviceMonitor > Access Log > "Machine Data Encryption Key Change" log.

Other changes:

1. Support for Chinese and Korean language.

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Version 1.00

1st Mass production

