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*** Basic Information ***
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[Create date] 2019/05/20

[Program Name] Java VM v7 std UpdateTool

[Version] 7.25.01

[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.] M0525738K_upd

[File Information]

File Name M0525738K_upd.exe

File Type Module for Service

Size 17.12 MB (17952916 byte)

Check Sum -8Bit Sum: 97FA

 -16Bit Sum(Little Endian): 5617

 -16Bit Sum(Big Endian): 3BE3

[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:]

Rank C

Symptom corrected:

- When the amount of file descriptor, used on JavaVM, is 256 or more, a certain print command from the SDK application might cause an error.
- Max. Email Size for scanner send settings cannot be configure via DMNX.
- Errors might be occurred by using the Globalscan.

Other changes:

- Available usage of file descriptor increased.

[Modification history]

Version 7.24.00

Symptom corrected:

- If a keystroke reader is connected to the device, SC 899 may occur when the device is returned from energy save mode.

Version 7.23.00

Error corrected:

- SDK platform may not boot up when next power-on if stopping start process of SDK app.

Version 7.22.00

Fixed:

When a device failed to reboot after receiving a reboot request from a device management application, installed ESA applications would not restart automatically and remained in "Stopped" status.

Version 7.21.00

Fixed:

1. When tracking is enabled using usage control service, incorrect scanning paper size information is sent from ESA application which is installed on A4 models.
2. Unlock the application switching function might results in "NullPointerException" error.
3. When ESA application sends a FAX job using multibyte character set, the sender is garbled on the recipient device.
4. AES-256 may be used as Kerberos encryption algorithm even though it is not specified.

Version 7.20.00

Fixed:

1. More internal resources are consumed than required during internal file open and close operations, such as SDK application installation. This could result in unexpected behavior.

2. Kerberos Authentication is performed multiple times, causing a memory leak.

Version 7.18.05

Fixed:

1. Kerberos authentication using AES128/AES256 results are slow compared to Kerberos authentication using RC4HMAC.
2. Saved passwords cannot be retrieved properly and causes application authentication failure.
3. SDK application installation infrequently results in the disappearance of a previously installed SDK application if multiple embedded programs are installed.
4. The device's operation panel sometimes freezes when the software keyboard is closed.

Version 7.17.04

Other changes:

1. A software button was added to the Copier screen, which can be assigned to specific SDK applications.

Note: In order to utilize this change, the SDK application itself must also support this functionality. For details, see the Release Notes for each application.

2. Software Keyboard type was changed for Taiwan model.

Version 7.16.07

Symptom corrected:

1. SDK/J starting logo screen does not change.
2. Vulnerability to the re-negotiation of SSL/TLS.
3. Multi installation to HDD fails for VM card Type-C applications.
4. Other minor bug corrections.

Other changes:

1. Kerberos certification corresponding to RC4-HMAC code form.
2. VM card Type-C application remote installation.
3. Support for eDC-i1.2.

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*** Basic Information ***
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[Create date] 2019/05/22

[Program Name] Java VM v7 std for eDC

[Version] 7.25.01

[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.] M0525738K_edc

[File Information]

File Name M0525738K_edc.ifu

File Type Module for Service

Size 17.36 MB (18208200 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:]

Rank C

Symptom corrected:

- When the amount of file descriptor, used on JavaVM, is 256 or more, a certain print command from the SDK application might cause an error.
- Max. Email Size for scanner send settings cannot be configure via DMNX.
- Errors might be occurred by using the Globalscan.

Other changes:

- Available usage of file descriptor increased.

[Modification history]

Version 7.24.00

Symptom corrected:

- If a keystroke reader is connected to the device, SC 899 may occur when the device is returned from energy save mode.

Version 7.23.00

Error corrected

SDK platform may not boot up when next power-on if stopping start process of SDK app

Version 7.22.00

Fixed:

When a device failed to reboot after receiving a reboot request from a device management application, installed ESA applications would not restart automatically and remained in "Stopped" status.

Version 7.21.00

Fixed:

1. When tracking is enabled using usage control service, incorrect scanning paper size information is sent from ESA application which is installed on A4 models.
2. Unlock the application switching function might results in "NullPointerException" error.
3. When ESA application sends a FAX job using multibyte character set, the sender is garbled on the recipient device.
4. AES-256 may be used as Kerberos encryption algorithm even though it is not specified.

Version 7.20.00

Fixed:

1. More internal resources are consumed than required during internal file open and close operations, such as SDK application installation. This could result in unexpected behavior.
2. Kerberos Authentication is performed multiple times, causing a memory leak.

Version 7.18.05

Fixed:

1. Kerberos authentication using AES128/AES256 results are slow compared to Kerberos authentication using RC4HMAC.
2. Saved passwords cannot be retrieved properly and causes application authentication failure.
3. SDK application installation infrequently results in the disappearance of a previously installed SDK application if multiple embedded programs are installed.
4. The device's operation panel sometimes freezes when the software keyboard is closed.

Version 7.17.04

Other changes:

1. A software button was added to the Copier screen, which can be assigned to specific SDK applications.

Note: In order to utilize this change, the SDK application itself must also support this functionality. For details, see the Release Notes for each application.

2. Software Keyboard type was changed for Taiwan model.

Version 7.16.07

*This module is for Remote Install Manager and updating Java VM.

Symptom corrected:

1. SDK/J starting logo screen does not change.
2. Vulnerability to the re-negotiation of SSL/TLS.
3. Multi installation to HDD fails for VM card Type-C applications.
4. Other minor bug corrections.

Other changes:

1. Kerberos certification corresponding to RC4-HMAC code form.
2. VM card Type-C application remote installation.
3. Support for eDC-i1.2.

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***** Basic Information *****
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[Create date] 2019/05/09

[Program Name] System/Copy

[Version] 2.10

[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.] M0525771P

[File Information]

File Name M0525771P.fwu

File Type Module for Service

Size 17.34 MB (18182616 byte)

[File Information]

File Name M0525771P.rfu

File Type Module for Remote Upgrade

Size 17.35 MB (18190592 byte)

[Availability of RFU] Yes

[Production reflection] 2019/04

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

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

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

Rank C

Other changes:

- Available usage of file descriptor increased.

[Modification history]

Version 2.09

Rank C

Symptom corrected:

- Kerberos authentication might take time because the TCP timestamp starts with a zero.

Version 2.08

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 v2.08 (M0525771M)
 - Network Support v10.67 (M0525792H)
 - Web Support v1.04 (M0525788D)
 - Scanner v01.05 (M0525777D)
- Please refer to the RTB(No.RGene095) for details.

Version 2.07

Rank C

Symptom corrected:

- @remote communication with Cumin may be disconnected.

Version 2.06

Symptom corrected:

1. SC867 may occur if an SDK application is (already) installed on the machine.
2. When connecting to an LDAP server, such as Oracle LDAP server, by using SSL, the connection might fail.

Version 2.05

Symptom corrected:

1. Use of a fixed network speed will result in loss of connectivity.
2. Although the "Logout Using Card" function of Card Authentication Package v2 is turned on, the user cannot log out when he or she swipes the card.

Other changes:

A new SP mode was newly added for compliance of the Blue Angel regulations.

SP5-305-101 (Auto Off Set - Limit Set)

0: OFF

1: ON (Default)

Note. Please be sure to update the following firmware in order to apply all the change for the Blue Angel:

Web support v1.03 (M0525788C) or later

Version 2.04

Symptom corrected:

- An incorrect error message is displayed when the operator switches from exposure glass to ADF copy mode. ("Please set 8 1/2 x 14" or "Please set "8 1/2 x 11").
- Even though the Restrict Use of Destinations (Scanner) setting is set to ON, email addresses that are found by an LDAP Search are still editable by end-users.
- 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 v10.65(M0525792F) or later

Version 2.03

Symptom corrected:

1. A "Home" button appears on the Copier screen after the machine warms up (even though there is no function that corresponds to this button).
2. USB port doesn't work.]
3. The timer used for the "Access Violation" setting's time interval does not properly compensate for changes to the device timer.
4. If User Code authentication is enabled or if "External Optional Counter Type" != 0, accounts locked by the "Lock out" setting (SP-5413-1) are not locked out of WIM.
5. If the "External Optional Counter Type" setting (SP-5113-002) is not equal to '0', the following problems might occur:
 - Print jobs result in the Data-In LED blinking but nothing is output.
 - Fax jobs are printed successfully but not counted by the counter.
6. If "Security Settings for Access Violation" is "On", the following two problems will occur:
 - Users' print volumes are not counted.
 - The "used" and "maximum" print volumes are not displayed on the operation panel.

Other changes:

Supports copying and scanning of mixed letter and legal sized originals ("LT/LG Mixed Sizes").

IMPORTANT: To use this feature, make sure that the following firmware versions or newer are also installed.

System/Copy: v2.03 (M0525771G)

Scanner: v01.04 (M0525777C)

Version 2.02

Symptom corrected:

SC819 happens when the machine move to off mode. (Under installed GigaEther option, or install SDK/J via machine management server.)

Other changes:

Customer can set the password to access address book.

Version 2.01.1

Symptom corrected:

1. The counter doesn't operate when RP3 uses.
2. 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).

Other changes:

A software button was added to the Copier screen, which can be assigned to specific SDK applications.

Note: In order to utilize this change, the SDK application itself must also support this functionality. For details, see the Release Notes for each application.

Version 2.00

Symptoms corrected:

1. SC819 occurs during a firmware update.
2. No functions can be used if User Codes are registered at the time of automatic printer registration.

Other changes:

1. A protection program was added to ensure that the correct Engine firmware is selected for the correct Engine board when updating the firmware. (see RTB #RM052023).
2. Optimized the Energy Saver timing for Bluetooth.
3. Support for the Bluetooth option (USB dongle) has been added.

Version 1.03

1st Mass production

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*** Basic Information ***
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[Create date] 2018/04/18

[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.] M0525777D

[File Information]

File Name M0525777D.fwu

File Type Module for Service

Size 1.18 MB (1234168 byte)

[File Information]

File Name M0525777D.rfu

File Type Module for Remote Upgrade

Size 1.18 MB (1241344 byte)

[Availability of RFU] Yes

[Production reflection] 2018/04

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*** Note ***
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[Note]

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

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*** Modification History ***
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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 v2.08 (M0525771M)
- Network Support v10.67 (M0525792H)
- Web Support v1.04 (M0525788D)
- Scanner v01.05 (M0525777D)

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

[Modification history]

Version 01.04

Other changes:

Supports copying and scanning of mixed letter and legal sized originals
("LT/LG Mixed Sizes").

IMPORTANT: To use this feature, make sure that the following
firmware versions or newer are also installed.

System/Copy: v2.03 (M0525771G)

Scanner: v01.04 (M0525777C)

Version 01.03

Other changes:

Scan to file would not allow the creation of PDF files if
the "Master Password" setting was configured but the "Document
Password" setting was not. After the fix, Scan to file will now
allow the creation of PDF files under these conditions.

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

Network DocBox Ver.1.04 M0525793B

Scanner Ver.01.03 M0525777B

Web Uapl Ver.1.02 M0525789B

Version 01.02

1st Mass production

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*** Basic Information ***
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[Create date] 2018/04/18

[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.] M0525788D

[File Information]

File Name M0525788D.fwu

File Type Module for Service

Size 3.42 MB (3581248 byte)

[File Information]

File Name M0525788D.rfu

File Type Module for Remote Upgrade

Size 3.42 MB (3588352 byte)

[Availability of RFU] Yes

[Production reflection] 2018/04

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*** Note ***
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[Note]

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

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*** Modification History ***
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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 v2.08 (M0525771M)
- Network Support v10.67 (M0525792H)
- Web Support v1.04 (M0525788D)
- Scanner v01.05 (M0525777D)

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

[Modification history]

Version 1.03

Symptom corrected:

- When using the web development tools like Firebug in Web Image Monitor, users who do not have the authority of editing might even be able to edit the administrative privileges of each.

Other changes:

- Compliant with Blue Angel regulations.

Note. Please be sure to update the following firmware in order to apply all the changes for the Blue Angel:

System v2.05 (M0525771J) or later

Version 1.02

Other changes:

Customer can set the password to access address book.

Version 1.01

1st Mass production

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*** Basic Information ***
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[Create date] 2018/04/18

[Program Name] Network Support

[Version] 10.67

[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.] M0525792H

[File Information]

File Name M0525792H.fwu

File Type Module for Service

Size 7.11 MB (7459996 byte)

[File Information]

File Name M0525792H.rfu

File Type Module for Remote Upgrade

Size 7.12 MB (7467264 byte)

[Availability of RFU] Yes

[Production reflection] 2018/04

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*** Note ***
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[Note]

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

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*** Modification History ***
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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 v2.08 (M0525771M)
- Network Support v10.67 (M0525792H)
- Web Support v1.04 (M0525788D)
- Scanner v01.05 (M0525777D)

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

[Modification history]

Version 10.66

Symptom corrected:

- When simultaneously printing from AppleTalk on a Mac and a protocol other than AppleTalk in Windows, an SC899 error might occur.

Version 10.65

Symptom corrected:

- SC899 is logged periodically (once a week) and appears on the SMC.
- If "CNAME" is specified as the destination folder, ScanTo Folder will abort.
- When NBT is "OFF", Browse list is not shown if touch the Browse Network button on destination folder of Scan to folder.
- Cannot scan to shared folders in Windows 8 and Windows Server 2012.
- 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:

System/Copy firmware v2.04(M0525771H) or later

Version 10.64

Symptom corrected:

1. SC991 might occur and network functions could not be used.
This occurs if DHCP and DDNS are both enabled in the device and if the DHCP server distributes to the device an FQDN that is more than 127 byte in length.

2. Device applications or services that use any of port 80, 443, 7443 or 7444 could not be used. This occurs if the illegal packet is sent after SSL negotiation handshake to any of the device's TCP ports 443, 7443 or 7444. Affected applications include Web Image Monitor, IPP Printing and @Remote.

Version 10.63

Minor changes.

Version 10.62

Symptom corrected:

1. Use of an IP address to send a Scan to SMB might result in the scanned document not being sent.
2. Scan to SMB fails if the both of the following conditions are met.
 - Either the device has NBT disabled or it is enabled but the device is unable to resolve the destination's NetBIOS name.
 - One or more octets in the destination's IPv4 address contain leading zeros.
3. If the device's IPP Authentication setting is enabled, the driver cannot be installed on Windows 2008 R2 SP1 or 7 SP1 using an IPP port.
4. Jobs were intermittently cancelled if "LPR Byte Counting Enabled" was unchecked for LPR ports.

Version 10.61

1st Mass production

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*** Basic Information ***
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[Create date] 2018/05/29

[Program Name] Finisher_BLOCK

[Version] 01.040:08

[PCB No.] M3665124D

[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.] M3665153D

[File Information]

File Name M3665153D.fwu

File Type Module for Service

Size 0.13 MB (131548 byte)

[Availability of RFU] No

[Production reflection] 2016/07

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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:

- The machine stalls when a copy is printed out to the finisher if the finisher sends an unsupported command to the main unit.

[Modification history]

Version 01.030:08

Symptom corrected:

Stapled sheets are shifted slightly when printing out at 1200 dpi.

Version 01.010:08

1st Mass production

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*** Basic Information ***
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[Create date] 2018/07/18

[Program Name] Printer

[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.] M0525794C

[File Information]

File Name M0525794C.fwu

File Type Module for Service

Size 2.69 MB (2824708 byte)

[File Information]

File Name M0525794C.rfu

File Type Module for Remote Upgrade

Size 2.70 MB (2830592 byte)

[Availability of RFU] No

[Production reflection] 2018/07

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*** Note ***
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[Note]

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

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

Rank C

Symptom corrected:

- IPDS printing might stall if IPDS jobs are printed continuously.

[Modification history]

Version 1.02.1

Symptom corrected

1. Stapled IPDS jobs that are stopped mid-job (out of paper for example) might result in the device stalling.
2. Paper mismatches affecting auto tray select jobs cannot be resolved by configuring and adding the needed paper size/type to the bypass tray.

Version 1.01

1st Mass production