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*** Basic Information ***
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[Create date] 2019/05/29

[Program Name] System

[Version] 1.07

[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.] M0665731H

[File Information]

File Name M0665731H.fwu

File Type Module for Service

Size 13.99 MB (14670340 byte)

[File Information]

File Name M0665731H.rfu

File Type Module for Remote Upgrade

Size 14.00 MB (14676224 byte)

[Availability of RFU] No

[Production reflection] 2019/05

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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

Other changes:

- Available usage of file descriptor increased.

[Modification history]

Version 1.06

Rank C

Symptom corrected:

- @remote communication with Cumin may be disconnected
- @remote communication with Cumin may be disconnected

Version 1.05

Symptom corrected:

If a supply alert unrelated to paper (e.g. related to toner, PCDU, toner collection bottle, fusing unit, etc.) is triggered nine or more times while the machine main power is ON, an @Remote notification of this alert is not sent.

Version 1.04

Other changes:

Supports the Economy Color Counter.

Important: To apply the above change(s), install the following firmware together as a set.

- System: This version (v1.04; M0665731E) or later
- Printer: v1.04 (M0665732E) or later
- PCL: v1.02 (M0665734D) or later
- PS3/PDF: v1.02 (M0665736D) or later
- Web support: v1.02 (M0665730D) or later

Version 1.03

Symptom corrected:

If the printer is power-cycled during Log collection using RlogTool, the printer might stall upon rebooting and display the error SC899.

Note: This fixed firmware requires that the following firmware modules be installed:

- System version 1.03
- Printer version 1.03
- Network Support version 9.60
- Web Support version 1.01
- Network DocBox version 1.01
- RPCS version 3.10.10
- PS3/PDF version 1.01
- PCL version 1.01

Other Changes:
SP2-192-001to 012
Default:14 --> 12

Version 1.02
Other changes:
The default setting for SP7952-001 (PM Yield Setting Page: ITB unit)
was changed to a value of 100,000.

Version 1.01
1st Mass production

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*** Basic Information ***
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[Create date] 2019/12/27

[Program Name] Java VM v7 std UpdateTool

[Version] 7.27.00

[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.] M0665738M_upd

[File Information]

File Name M0665738M_upd.exe

File Type Module for Service

Size 67.83 MB (71120273 byte)

Check Sum -8Bit Sum: 7BF8

 -16Bit Sum(Little Endian): 083E

 -16Bit Sum(Big Endian): 6BBA

[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

Other changes:

- Modification was made for the firmware part number management.

[Modification history]

Version 7.25.01

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.
- Following actions might cause SC899 if an authentication requiring SDK/J application is activated on the machine, such as Streamline NX and CAP/ELP:
 - Continuously switching between Energy saver mode and Normal operation mode.
 - Frequent plugging and unplugging the USB cable to the operation panel.

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.

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 7.19.02

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 7.16.07

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.

Version 7.14.03

Supported:

Support for eDC-i1.2 and Remote Install Manager V1.1 was added.

Fixed:

1. May not be able to stop the application from the User Tools/Counter/Enquiry screen if an SDK application takes more than 15 seconds to start up.
2. The device may stall if an SDK application takes more than 15 seconds to start up.
3. SC997 can occur if an SDK application takes more than 15 seconds start up.
4. If machine authentication is enabled, pressing the System Settings button on the User Tools/Counter/Enquiry screen has no effect, even when logged in as a machine administrator.
5. If a user was logged in when the On/Off button is used to turn the device off, the "Cannot Logout" message is displayed the next time the On/Off button is used to turn the device on. The message is displayed even though the user has been logged out.

6. The maximum paper size retrieved from the device is larger than the actual maximum scannable/printable size.

Others:

The Java VM v7.xx update tool has been merged into a single download object (self-extracting archive) which can be used for all supported models. A list (list.txt) of supported VM card part nos. is included in the update archive.

Version 7.09.03

Minor bug correction.

Version 7.06.04

Symptom corrected:

1. The Java VM may enter a deadlock state if one thread tries to close a thread that is waiting for I/O data.
2. The username used for Basic Authentication cannot be displayed correctly on the MFP's display panel if the username is 20 characters (bytes) long.
3. If the auto-off timer of the device is set to 1 minute and any SDK application is set to automatically start up, SC997 can occur.
4. The USB card reader may stop working if plugged in immediately after being unplugged.

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*** Basic Information ***
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[Create date] 2019/12/27

[Program Name] Java VM v7 std for eDC

[Version] 7.27.00

[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.] M0665738M_edc

[File Information]

File Name M0665738M_edc.ifu

File Type Module for Service

Size 17.17 MB (18004396 byte)

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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Version 7.16.07

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

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Version 7.14.03

Initial release