```
=====================================================================
*** Basic Information ***
=====================================================================
[Create date] 2017/11/15
---------------------------------------------------------------------
[Program Name] Engine
---------------------------------------------------------------------
[Version] 1.01:03
---------------------------------------------------------------------
[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.] M0B05151C
[File Information]
 File Name       M0B05151C.fwu
 File Type       Module for Service
 Size            0.94 MB ( 983540 byte )
[File Information]
 File Name       M0B05151C.rfu
 File Type       Module for Remote Upgrade
 Size            0.95 MB ( 991488 byte )
[Availability of RFU] Yes
---------------------------------------------------------------------
[Production reflection] 1st Mass Production
---------------------------------------------------------------------


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

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

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*** Modification History ***
===
[Modifications made:]
1st Mass production

[Modification history]

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================================================================
*** Basic Information ***
================================================================
[Create date] 2018/11/15
----------------------------------------------------------------
[Program Name] CTL System
----------------------------------------------------------------
[Version] 1.08.1
----------------------------------------------------------------
[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.] M0B05250R
[File Information]
 File Name        M0B05250R.fwu
 File Type        Module for Service
 Size          118.58 MB ( 124342612 byte )
[File Information]
 File Name        M0B05250R.rfu
 File Type        Module for Remote Upgrade
 Size          118.59 MB ( 124350720 byte )
[Availability of RFU] Yes
----------------------------------------------------------------
[Production reflection] 2018/11
----------------------------------------------------------------


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

----------------------------------------------------------------


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

----------------------------------------------------------------


================================================================
*** Modification History ***
```

==
[Modifications made:]
Rank C

Other changes:
- A country selection menu has been added to the initial setting for Wireless LAN.
- Only the ad-hoc channels for the selected country are displayed in
  the initial setting menu for Wireless LAN.
- Support for Google Cloud Print.
- The following values can be set with solution software that uses SOAP I/F.
- "SNMPv3 Setting"
  - SNMPv3 Trap Communication
  - Encryption Algorithm
  - Permit SNMPv3 Communication
- "Program/Change Administrator"
  - Encryption Password

[Modification history]

Version 1.06
Rank C

Symptom corrected:
- When the SMC List is saved to the SD card as a CSV file, SP7507
  (Latest Jam History) is not correctly recorded.
- Remote installation of a SOP application while a user is logged
  into the device might fail.

Version 1.05.2
Rank C

Symptom corrected:
- The machine might reboot automatically if repeatedly rebooted.
- Both ends of the watermark might be cut off when printing from the
  V4 driver.
- Some characters might print in the wrong position when printing a
  PDF containing certain fonts.
- The top and bottom ends might be missing if the size is scaled
  when PDF printing.
- The scaling might be wrong when printing PDF data that contains
  the FITTOPAGESIZE command but not PRINTSCALING.
- Linux print jobs in Stored Print might be canceled.
- Pages printed as a booklet might be centered incorrectly.
- With booklet printing or N-Up printing, the scaling ratio might be wrong.
- Characters might become too thick if the transparency is specified.
- When printing a PDF with a specific command, an invalidfont error
  might occur.
- Some Symbolic fonts in a PDF might not print correctly.
- The image might be rotated 180 degrees when printing Landscape
  document via the SmartSDK.
- Some Type 0 fonts in a PDF might not print correctly.
- If log tracing on Web Image Monitor is cancelled just after using
  the function, the machine enters into off-line mode.

- Printing job might hang after recovering from a paper feed error.

Version 1.04.2
Rank C

Other changes:
The version was upgraded for firmware management purpose on the server.
No changes made to the firmware.

Version 1.04.1
Rank A

Symptom corrected:
- Fixed CVE-2017-13077, CVE-2017-13078, CVE-2017-13079, CVE-2017-13080,
  and CVE-2017-13081.
- Fixed an issue with NFC communication failure.
- The following fixes were implemented in models for China:
  - When the machine receives signals on W56 channels (100-140) for Wi-Fi in the 5Ghz range
    from an access point, it generates the signal of the same channel despite a regulation
    in the Chinese market prohibiting office devices from generating signals in this range.
  - When setting the security method to inactive or WEP, the machine cannot connect
    with W52 channels(36-48ch) and W53 channels(52-64ch).
  - When connecting with Ad-hoc, even if the machine is set to W52 channels(36-48ch),
    the machine cannot connect to wireless LAN devices.
- The printer keeps rebooting after detecting an SC condition.

Version 1.03.1
Rank A

Symptom corrected:
- When the machine receives signals on channels 12-14 for Wifi in
  the 2.4Ghz range from an access point, it generates the signal of
  the same channel despite a regulation in market prohibiting office
  devices from generating signals in this range.

Version 1.03
Rank C

Symptom corrected:
- When displaying the IPv6 settings on the Web Image Monitor without
  logging in, some items are not displayed.
- Some of the text displayed on the screen when entering the SSID
  and password for Wi-Fi Direct in Spanish, Dutch, Catalan, or Greek
  is missing.

Other changes:
- Deleted information that wasn't necessary for debug log analysis.

Version 1.02
Rank C

Symptom corrected:
- Some of the text is not displayed on the Wi-Fi Direct connection
  screen in some languages.
- An image might print incorrectly because of a failure in memory
  resource allocation.
- A magenta horizontal band might appear on printouts due to
  improper image processing in the controller.
- The machine cannot send calls via the RC A2 gate or the DMNX+
  @Remote connector to the @Remote center server when the SSL/TLS of
  the VE-P2 is set to TLS 1.2 and the certification encryption
  strength is 512 bits.

Version 1.01.1
Symptom corrected:
- If user code authentication is enabled when printing from USB memory,
  the device will stall if trying to print after canceling the input
  of the user code.
- A job printed from USB memory might be canceled when a custom
  paper size is fed from the bypass tray.

Other changes:
- Debug logs can be obtained via @Remote.

Version 1.00.7
1st Mass production

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================================================================
*** Basic Information ***
================================================================
[Create date] 2018/07/23
----------------------------------------------------------------
[Program Name] CTL System
----------------------------------------------------------------
[Version] 1.06
----------------------------------------------------------------
[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.] M0B05250P
[File Information]
 File Name        M0B05250P.fwu
 File Type        Module for Service
 Size            118.58 MB ( 124342608 byte )
[File Information]
 File Name        M0B05250P.rfu
 File Type        Module for Remote Upgrade
 Size            118.59 MB ( 124350720 byte )
[Availability of RFU] Yes
----------------------------------------------------------------
[Production reflection] 2018/06
----------------------------------------------------------------


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

----------------------------------------------------------------


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

----------------------------------------------------------------
```

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================================================================
*** Modification History ***
================================================================
```

[Modifications made:]
Rank C

Symptom corrected:
- When the SMC List is saved to the SD card as a CSV file, SP7507
  (Latest Jam History) is not correctly recorded.
- Remote installation of a SOP application while a user is logged
  into the device might fail.


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[Modification history]
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Version 1.05.2
Rank C

Symptom corrected:
- The machine might reboot automatically if repeatedly rebooted.
- Both ends of the watermark might be cut off when printing from the
  V4 driver.
- Some characters might print in the wrong position when printing a
  PDF containing certain fonts.
- The top and bottom ends might be missing if the size is scaled
  when PDF printing.
- The scaling might be wrong when printing PDF data that contains
  the FITTOPAGESIZE command but not PRINTSCALING.
- Linux print jobs in Stored Print might be canceled.
- Pages printed as a booklet might be centered incorrectly.
- With booklet printing or N-Up printing, the scaling ratio might be wrong.
- Characters might become too thick if the transparency is specified.
- When printing a PDF with a specific command, an invalidfont error
  might occur.
- Some Symbolic fonts in a PDF might not print correctly.
- The image might be rotated 180 degrees when printing Landscape
  document via the SmartSDK.
- Some Type 0 fonts in a PDF might not print correctly.
- If log tracing on Web Image Monitor is cancelled just after using
  the function, the machine enters into off-line mode.
- Printing job might hang after recovering from a paper feed error.


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```
Version 1.04.2
Rank C

Other changes:
The version was upgraded for firmware management purpose on the server.
No changes made to the firmware.

Version 1.04.1
Rank A

Symptom corrected:
- Fixed CVE-2017-13077, CVE-2017-13078, CVE-2017-13079, CVE-2017-13080,
  and CVE-2017-13081.
- Fixed an issue with NFC communication failure.
- The following fixes were implemented in models for China:
  - When the machine receives signals on W56 channels (100-140) for Wi-Fi in the 5Ghz range
    from an access point, it generates the signal of the same channel despite a regulation
    in the Chinese market prohibiting office devices from generating signals in this range.
  - When setting the security method to inactive or WEP, the machine cannot connect
    with W52 channels(36-48ch) and W53 channels(52-64ch).
  - When connecting with Ad-hoc, even if the machine is set to W52 channels(36-48ch),
    the machine cannot connect to wireless LAN devices.
- The printer keeps rebooting after detecting an SC condition.

Version 1.03.1
Rank A

Symptom corrected:
- When the machine receives signals on channels 12-14 for Wifi in
  the 2.4Ghz range from an access point, it generates the signal of
  the same channel despite a regulation in market prohibiting office
  devices from generating signals in this range.

Version 1.03
Rank C

Symptom corrected:
- When displaying the IPv6 settings on the Web Image Monitor without
  logging in, some items are not displayed.
- Some of the text displayed on the screen when entering the SSID
  and password for Wi-Fi Direct in Spanish, Dutch, Catalan, or Greek
  is missing.

Other changes:
- Deleted information that wasn't necessary for debug log analysis.

Version 1.02
Rank C

Symptom corrected:
- Some of the text is not displayed on the Wi-Fi Direct connection
  screen in some languages.
- An image might print incorrectly because of a failure in memory
  resource allocation.