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*** Basic Information ***
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[Create date] 2018/08/09

[Program Name] BOS_1/6

[Version] 132.31.064_v3.03.004

[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.] M5265007E_1_T

[File Information]

File Name M5265007E_1_T.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: E8C4

-16Bit Sum(Little Endian): 70EA

-16Bit Sum(Big Endian): 3BDA

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.01.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.01.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

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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

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
- Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

[Modification history]

Version 132.31.063_v3.01.001

Rank D

1st Mass production

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] BOS_2/6

[Version] 132.31.064_v3.03.004

[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.] M5265007E_2_T

[File Information]

File Name M5265007E_2_T.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: 235E

-16Bit Sum(Little Endian): F843

-16Bit Sum(Big Endian): 891B

[Availability of RFU] No

[Production reflection]

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

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.01.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.01.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

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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

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
- Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

[Modification history]

Version 132.31.063_v3.01.001

Rank D

1st Mass production

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] BOS_3/6

[Version] 132.31.064_v3.03.004

[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.] M5265007E_3_T

[File Information]

File Name M5265007E_3_T.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: B3F0

-16Bit Sum(Little Endian): B756

-16Bit Sum(Big Endian): EC9A

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.01.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.01.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

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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

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
- Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

[Modification history]

Version 132.31.063_v3.01.001
Rank D

1st Mass production

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*** Basic Information ***
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[Create date] 2018/08/09

[Program Name] BOS_4/6

[Version] 132.31.064_v3.03.004

[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.] M5265007E_4_T

[File Information]

File Name M5265007E_4_T.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 635.73 MB (666607998 byte)

Check Sum -8Bit Sum: DFDB

 -16Bit Sum(Little Endian): 6942

 -16Bit Sum(Big Endian): 5199

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.01.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.01.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

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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

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
- Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

[Modification history]

Version 132.31.063_v3.01.001
Rank D

1st Mass production

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*** Basic Information ***
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[Create date] 2018/08/09

[Program Name] BOS_5/6

[Version] 132.31.064_v3.03.004

[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.] M5265008E_1_T

[File Information]

File Name M5265008E_1_T.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: 765E

-16Bit Sum(Little Endian): 38B7

-16Bit Sum(Big Endian): 9BA7

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.01.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.01.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

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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

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
- Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

[Modification history]

Version 132.31.063_v3.01.001

Rank D

1st Mass production

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*** Basic Information ***
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[Create date] 2018/08/10

[Program Name] BOS_6/6

[Version] 132.31.064_v3.03.004

[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.] M5265008E_2_T

[File Information]

File Name M5265008E_2_T.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 616.86 MB (646822739 byte)

Check Sum -8Bit Sum: B917

-16Bit Sum(Little Endian): 5224

-16Bit Sum(Big Endian): 7DF3

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.03.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.03.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

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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

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
- Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

[Modification history]

Version 132.31.063_v3.01.001

Rank D

1st Mass production

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*** Basic Information ***
=====

[Create date] 2018/04/19

[Program Name] MICROCODE

[Version] 3.1.001

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265050_HD301001_T

[File Information]

File Name M5265050_HD301001_T.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,406.74 MB (1475069862 byte)

Check Sum -8Bit Sum: 3C66

-16Bit Sum(Little Endian): 3F17

-16Bit Sum(Big Endian): 634F

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

Microcode based on version v3.x for the field machine.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS v132.31.063.

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

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

[Modifications made:]
Rank D

1st Microcode for the field machine.

[Modification history]

=====
*** Basic Information ***
=====

[Create date] 2018/04/19

[Program Name] MICROCODE

[Version] 3.1.001

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265050_PR301001_T

[File Information]

File Name M5265050_PR301001_T.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,406.74 MB (1475069862 byte)

Check Sum -8Bit Sum: 3C66

-16Bit Sum(Little Endian): 3F17

-16Bit Sum(Big Endian): 634F

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Microcode based on version v3.x for the field machine.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS v132.31.063.

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

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*** Modification History ***

=====

[Modifications made:]

Rank D

1st Microcode for the field machine.

[Modification history]

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] BOS_1/6

[Version] 132.31.064_v3.03.004

[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.] M5265007E_1_A

[File Information]

File Name M5265007E_1_A.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: E8C4

-16Bit Sum(Little Endian): 70EA

-16Bit Sum(Big Endian): 3BDA

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.01.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.01.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

*** Important Notes ***

[Important Notes]

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
 - Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.
-

[Modification history]

Version 132.31.063_v3.01.001
Rank D
1st Mass production

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] BOS_2/6

[Version] 132.31.064_v3.03.004

[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.] M5265007E_2_A

[File Information]

File Name M5265007E_2_A.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: 235E

-16Bit Sum(Little Endian): F843

-16Bit Sum(Big Endian): 891B

[Availability of RFU] No

[Production reflection]

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

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.01.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.01.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

*** Important Notes ***

[Important Notes]

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
 - Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.
-

[Modification history]

Version 132.31.063_v3.01.001
Rank D
1st Mass production

=====
*** Basic Information ***
=====

[Create date] 2020/01/15

[Program Name] BOS_5/6

[Version] 132.31.064_v3.09.001

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] Exist

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265008M_1

[File Information]

File Name M5265008M_1.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: 9487

-16Bit Sum(Little Endian): 6CF2

-16Bit Sum(Big Endian): AE95

[Availability of RFU] No

[Production reflection]

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*** Note ***
=====

[Note]

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

- Once after updating to this release, reverting to microcode v3.4.xxx or earlier will delete all job records and stored jobs from the DFE.
- Updating to this release from microcode v3.4.011 or earlier will delete all RIPPed data.
- When installing this release, update the mainframe 'animation' firmware to the latest version together as a set, to allow proper

OCP UI display. (It is recommended to also update the firmware for all other engine modules.)

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- Updated APPE (RIP model H) from v4.9 to v5.3.
- For special toner underprint jobs, alert is notified to the DFE and printing stops when the special toner runs out.

Symptom corrected:

- DFE unexpectedly reboots during a job when the color option for the virtual printer is set as follows:
 - Most of the profiles are set as "Pass through"
 - Advanced > Black (text/line art) is set to "Pure black"
- Some transparency mask objects are not printed in IPDS jobs.

[Modification history]

Version 132.31.064_v3.08.002

Rank C

Supported:

- New optional peripherals
- Manual calibration of Special toner
- IPDS devicelink profile
- Plockmatic banner sheet LCT

Symptom corrected:

- The console screen does not appear on the printer control panel.
- Fatal error occurs when attempted to run a PPML job that has small objects located toward the edges or has no version tag.
- If the job is suspended while printing the first page of a job, the job resumes by printing the first page again.
- Job does not print completely due to a fault in the plane memory buffer control.

Others:

- Changed the auto calibration printing from face-down to face-up delivery.

Version 132.31.064_v3.06.002

Rank C

Supported:

- Paper library is supported in line with the new peripherals for the Pro C72xx/Pro C92xx series.

Symptom corrected:

- Fatal error occurs when sample print is specified at every 50 sheets.

Version 132.31.064_v3.06.001

Rank C

Supported:

- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - * Input of device link profile
 - * Output without color conversion
- Supported the RPIP Box S3 to allow connection with third party vendor peripherals.
- Job separator sheets can be inserted after the job when the conditions below are met:
 - * Feature 8B0316 is installed and enabled
- Added the new Side by Side Preview function to allow display of image before and after tone curve correction.
- When the number of copies defined in JDF is in decimal, the system refers to the integer.
- Auto Calibration supports the following new sizes: 12x18, 13x19 and custom.
- Minor change of the Help display.
- The following changes were made for [175 dot halftone]:
 - * Increased the default processing speed.
 - * Print quality is prioritized when enabled 'Feature 8B0315'.

Symptom corrected:

- Error occurs when graphics are positioned beyond the VPA even with Feature 8B4289 enabled.
- Impose settings made in TotalFlow Prep do not work for held jobs.
- The correct number of paper catalog entries may not apply when more than four entries are selected.
- Program check error occurs while editing job properties.
- When tone curve and color corrections are applied to RIPPed jobs, the tone curve correction is not applied.
- Updating the calibration data using the Auto Calibration function causes an error.
- Pages are missing from the output when printed jobs that contain corrupted characters from the printer driver. Remote Console does not indicate any error after the job completes.
- Continuously running face-up mixplex jobs causes to print the first three pages of the job on the wrong side of the sheet.

Version 132.31.064_v3.05.001

Rank C

Spec changes:

- In the ImageViewer preview screen, moving the cursor on the RIPPed image displays the CMYK values.
- In Job Spool, job properties can be changed in lump by selecting multiple jobs.
- Settings for preprinted sheets fed from the Interposer can be made on Prinect DFE.
- Output profile associated to the paper catalog entry is prioritized for IPDS printing.

Symptom corrected:

- When an extra long banner sheet is assigned to the bypass tray and the printer power is turned On/Off, the tray assignment setting is invalidated on the DFE.
- Manual calibration using a spectrophotometer results in an error with R-62.
- Printing banner sheets via TotalFlow BatchBuilder may result in an error.
- Saddle-stitching a one-page job with Plockmatic causes a paper jam at a 100% rate.
- Fatal Error occurs, displaying the message 'More pages have stacked than have been printed' when printed a AFP job mixed of stapled and non-stapled pages.
- Printing AFP files with IPDS results in a Fatal Error (Rs1: handleRdlAddItemRc, SM: smC_dispatchMessage).
- Changing the properties of a job RIPPed with microcode 3.2.xx after updating to v3.3 results in a Fatal Error.
- Hard to see whether Sample print function is enabled or not on the printer panel.
- SC919 occurs with specific AFP jobs that contain overlays composed of small text objects.
- Fatal error occurs when printed specific jobs that contain halftone images.

Version 132.31.064_v3.04.001

Rank C

Specification changed:

1. The following functions are supported.
 - Enhance Tone Curve Adjustment
 - Global maintain sequential order and priority handling to input queue
 - Edit Function for Spot Color
 - Overprint support by Kodak and Screen APPE
2. The name of the RDP (remote desktop protocol) application that appears on the large operation panel was changed from Print Server Console to Digital Printing Terminal (Prinect DFE only).

Symptom corrected:

1. Fatal Error during IPDS printing with certain Type 1 font which has unusually large "/Copyright" description.
2. SC694-01 error with booting up or recovery from energy saver mode.
3. IPDS(x'023C') error occurred when the specific font was used.
4. IA fatal error occurs when printed data that uses 2-byte character in the ICC profile name.

5. Wire in the Vacuum Feed LCIT may break, if the STR timer is set too short and the system frequently wakes up from the STR mode or from a power Off state.
6. Fails to copy data to the Windows VM via USB flash drive.

Version 132.31.064_v3.03.004

Rank C

Supported:

1. The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
2. IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
3. Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
4. In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
5. To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
6. Page counter that appears on OCP is also displayed on Prinect via DFE.
7. Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
8. To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
9. On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

1. Cannot test print while logged on to the SP mode.
2. Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

Version 132.31.063_v3.01.001

Rank D

1st Mass production

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*** Basic Information ***
=====

[Create date] 2020/01/15

[Program Name] BOS_6/6

[Version] 132.31.064_v3.09.001

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] Exist

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265008M_2

[File Information]

File Name M5265008M_2.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 630.59 MB (661219753 byte)

Check Sum -8Bit Sum: 1656

-16Bit Sum(Little Endian): 5ACF

-16Bit Sum(Big Endian): 1187

[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]

- Once after updating to this release, reverting to microcode v3.4.xxx or earlier will delete all job records and stored jobs from the DFE.
- Updating to this release from microcode v3.4.011 or earlier will delete all RIPPed data.
- When installing this release, update the mainframe 'animation' firmware to the latest version together as a set, to allow proper

OCP UI display. (It is recommended to also update the firmware for all other engine modules.)

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- Updated APPE (RIP model H) from v4.9 to v5.3.
- For special toner underprint jobs, alert is notified to the DFE and printing stops when the special toner runs out.

Symptom corrected:

- DFE unexpectedly reboots during a job when the color option for the virtual printer is set as follows:
 - Most of the profiles are set as "Pass through"
 - Advanced > Black (text/line art) is set to "Pure black"
- Some transparency mask objects are not printed in IPDS jobs.

[Modification history]

Version 132.31.064_v3.08.002

Rank C

Supported:

- New optional peripherals
- Manual calibration of Special toner
- IPDS devicelink profile
- Plockmatic banner sheet LCT

Symptom corrected:

- The console screen does not appear on the printer control panel.
- Fatal error occurs when attempted to run a PPML job that has small objects located toward the edges or has no version tag.
- If the job is suspended while printing the first page of a job, the job resumes by printing the first page again.
- Job does not print completely due to a fault in the plane memory buffer control.

Others:

- Changed the auto calibration printing from face-down to face-up delivery.

Version 132.31.064_v3.06.002

Rank C

Supported:

- Paper library is supported in line with the new peripherals for the Pro C72xx/Pro C92xx series.

Symptom corrected:

- Fatal error occurs when sample print is specified at every 50 sheets.

Version 132.31.064_v3.06.001

Rank C

Supported:

- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - * Input of device link profile
 - * Output without color conversion
- Supported the RPIP Box S3 to allow connection with third party vendor peripherals.
- Job separator sheets can be inserted after the job when the conditions below are met:
 - * Feature 8B0316 is installed and enabled
- Added the new Side by Side Preview function to allow display of image before and after tone curve correction.
- When the number of copies defined in JDF is in decimal, the system refers to the integer.
- Auto Calibration supports the following new sizes: 12x18, 13x19 and custom.
- Minor change of the Help display.
- The following changes were made for [175 dot halftone]:
 - * Increased the default processing speed.
 - * Print quality is prioritized when enabled 'Feature 8B0315'.

Symptom corrected:

- Error occurs when graphics are positioned beyond the VPA even with Feature 8B4289 enabled.
- Impose settings made in TotalFlow Prep do not work for held jobs.
- The correct number of paper catalog entries may not apply when more than four entries are selected.
- Program check error occurs while editing job properties.
- When tone curve and color corrections are applied to RIPPed jobs, the tone curve correction is not applied.
- Updating the calibration data using the Auto Calibration function causes an error.
- Pages are missing from the output when printed jobs that contain corrupted characters from the printer driver. Remote Console does not indicate any error after the job completes.
- Continuously running face-up mixplex jobs causes to print the first three pages of the job on the wrong side of the sheet.

Version 132.31.064_v3.05.001

Rank C

Spec changes:

- In the ImageViewer preview screen, moving the cursor on the RIPPed image displays the CMYK values.
- In Job Spool, job properties can be changed in lump by selecting multiple jobs.
- Settings for preprinted sheets fed from the Interposer can be made on Prinect DFE.
- Output profile associated to the paper catalog entry is prioritized for IPDS printing.

Symptom corrected:

- When an extra long banner sheet is assigned to the bypass tray and the printer power is turned On/Off, the tray assignment setting is invalidated on the DFE.
- Manual calibration using a spectrophotometer results in an error with R-62.
- Printing banner sheets via TotalFlow BatchBuilder may result in an error.
- Saddle-stitching a one-page job with Plockmatic causes a paper jam at a 100% rate.
- Fatal Error occurs, displaying the message 'More pages have stacked than have been printed' when printed a AFP job mixed of stapled and non-stapled pages.
- Printing AFP files with IPDS results in a Fatal Error (Rs1: handleRdlAddItemRc, SM: smC_dispatchMessage).
- Changing the properties of a job RIPPed with microcode 3.2.xx after updating to v3.3 results in a Fatal Error.
- Hard to see whether Sample print function is enabled or not on the printer panel.
- SC919 occurs with specific AFP jobs that contain overlays composed of small text objects.
- Fatal error occurs when printed specific jobs that contain halftone images.

Version 132.31.064_v3.04.001

Rank C

Specification changed:

1. The following functions are supported.
 - Enhance Tone Curve Adjustment
 - Global maintain sequential order and priority handling to input queue
 - Edit Function for Spot Color
 - Overprint support by Kodak and Screen APPE
2. The name of the RDP (remote desktop protocol) application that appears on the large operation panel was changed from Print Server Console to Digital Printing Terminal (Prinect DFE only).

Symptom corrected:

1. Fatal Error during IPDS printing with certain Type 1 font which has unusually large "/Copyright" description.
2. SC694-01 error with booting up or recovery from energy saver mode.
3. IPDS(x'023C') error occurred when the specific font was used.
4. IA fatal error occurs when printed data that uses 2-byte character in the ICC profile name.

5. Wire in the Vacuum Feed LCIT may break, if the STR timer is set too short and the system frequently wakes up from the STR mode or from a power Off state.
6. Fails to copy data to the Windows VM via USB flash drive.

Version 132.31.064_v3.03.004

Rank C

Supported:

1. The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
2. IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
3. Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
4. In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
5. To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
6. Page counter that appears on OCP is also displayed on Prinect via DFE.
7. Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
8. To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
9. On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

1. Cannot test print while logged on to the SP mode.
2. Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

Version 132.31.063_v3.01.001

Rank D

1st Mass production

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] BOS_3/6

[Version] 132.31.064_v3.03.004

[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.] M5265007E_3_A

[File Information]

File Name M5265007E_3_A.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: B3F0

-16Bit Sum(Little Endian): B756

-16Bit Sum(Big Endian): EC9A

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.01.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.01.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

*** Important Notes ***

[Important Notes]

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
 - Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.
-

[Modification history]

Version 132.31.063_v3.01.001

Rank D

1st Mass production

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] BOS_4/6

[Version] 132.31.064_v3.03.004

[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.] M5265007E_4_A

[File Information]

File Name M5265007E_4_A.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 635.73 MB (666607998 byte)

Check Sum -8Bit Sum: DFDB

-16Bit Sum(Little Endian): 6942

-16Bit Sum(Big Endian): 5199

[Availability of RFU] No

[Production reflection]

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

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.01.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.01.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

*** Important Notes ***

[Important Notes]

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
 - Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.
-

[Modification history]

Version 132.31.063_v3.01.001
Rank D
1st Mass production

=====
*** Basic Information ***
=====

[Create date] 2019/07/26

[Program Name] BOS_4/6

[Version] 132.31.064_v3.06.002

[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.] M5265007I_4

[File Information]

File Name M5265007I_4.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 635.74 MB (666616585 byte)

Check Sum -8Bit Sum: D0B5

-16Bit Sum(Little Endian): CCAA

-16Bit Sum(Big Endian): B90B

[Availability of RFU] No

[Production reflection]

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

=====
*** Important Notes ***
=====

[Important Notes]

- Once after updating to this release, reverting to microcode v3.4.xxx or earlier will delete all job records and stored jobs from the DFE.
 - Updating to this release from microcode v3.4.011 or earlier will delete all RIPPed data.
-

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

[Modifications made:]

Rank C

Supported:

- Paper library is supported in line with the new peripherals for the Pro C72xx/Pro C92xx series.

Symptom corrected:

- Fatal error occurs when sample print is specified at every 50 sheets.

[Modification history]

Version 132.31.064_v3.06.001

Rank C

Supported:

- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - * Input of device link profile
 - * Output without color conversion
- Supported the RPIP Box S3 to allow connection with third party vendor peripherals.
- Job separator sheets can be inserted after the job when the conditions below are met:
 - * Feature 8B0316 is installed and enabled
- Added the new Side by Side Preview function to allow display of image before and after tone curve correction.
- When the number of copies defined in JDF is in decimal, the system refers to the integer.
- Auto Calibration supports the following new sizes: 12x18, 13x19 and custom.
- Minor change of the Help display.
- The following changes were made for [175 dot halftone]:
 - * Increased the default processing speed.
 - * Print quality is prioritized when enabled 'Feature 8B0315'.

Symptom corrected:

- Error occurs when graphics are positioned beyond the VPA even with Feature 8B4289 enabled.
- Impose settings made in TotalFlow Prep do not work for held jobs.
- The correct number of paper catalog entries may not apply when more than four entries are selected.
- Program check error occurs while editing job properties.
- When tone curve and color corrections are applied to RIPped jobs, the tone curve correction is not applied.
- Updating the calibration data using the Auto Calibration function causes an error.
- Pages are missing from the output when printed jobs that contain corrupted characters from the printer driver. Remote Console does

not indicate any error after the job completes.

- Continuously running face-up mixplex jobs causes to print the first three pages of the job on the wrong side of the sheet.

Version 132.31.064_v3.05.001

Rank C

Spec changes:

- In the ImageViewer preview screen, moving the cursor on the RIPPed image displays the CMYK values.
- In Job Spool, job properties can be changed in lump by selecting multiple jobs.
- Settings for preprinted sheets fed from the Interposer can be made on Prinect DFE.
- Output profile associated to the paper catalog entry is prioritized for IPDS printing.

Symptom corrected:

- When an extra long banner sheet is assigned to the bypass tray and the printer power is turned On/Off, the tray assignment setting is invalidated on the DFE.
- Manual calibration using a spectrophotometer results in an error with R-62.
- Printing banner sheets via TotalFlow BatchBuilder may result in an error.
- Saddle-stitching a one-page job with Plockmatic causes a paper jam at a 100% rate.
- Fatal Error occurs, displaying the message 'More pages have stacked than have been printed' when printed a AFP job mixed of stapled and non-stapled pages.
- Printing AFP files with IPDS results in a Fatal Error (Rs1: handleRdlAddItemRc, SM: smC_dispatchMessage).
- Changing the properties of a job RIPPed with microcode 3.2.xx after updating to v3.3 results in a Fatal Error.
- Hard to see whether Sample print function is enabled or not on the printer panel.
- SC919 occurs with specific AFP jobs that contain overlays composed of small text objects.
- Fatal error occurs when printed specific jobs that contain halftone images.

Version 132.31.064_v3.04.001

Rank C

Specification changed:

1. The following functions are supported.
 - Enhance Tone Curve Adjustment
 - Global maintain sequential order and priority handling to input queue
 - Edit Function for Spot Color
 - Overprint support by Kodak and Screen APPE
2. The name of the RDP (remote desktop protocol) application that appears on the large operation panel was changed from Print

Server Console to Digital Printing Terminal (Prinect DFE only).

Symptom corrected:

1. Fatal Error during IPDS printing with certain Type 1 font which has unusually large "/Copyright" description.
2. SC694-01 error with booting up or recovery from energy saver mode.
3. IPDS(x'023C') error occurred when the specific font was used.
4. IA fatal error occurs when printed data that uses 2-byte character in the ICC profile name.
5. Wire in the Vacuum Feed LCIT may break, if the STR timer is set too short and the system frequently wakes up from the STR mode or from a power Off state.
6. Fails to copy data to the Windows VM via USB flash drive.

Version 132.31.064_v3.03.004

Rank C

Supported:

1. The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
2. IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
3. Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
4. In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
5. To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
6. Page counter that appears on OCP is also displayed on Prinect via DFE.
7. Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
8. To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
9. On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

1. Cannot test print while logged on to the SP mode.
2. Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

Version 132.31.063_v3.01.001

Rank D

1st Mass production

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*** Basic Information ***
=====

[Create date] 2020/01/15

[Program Name] BOS_1/6

[Version] 132.31.064_v3.09.001

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] Exist

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265007M_1

[File Information]

File Name M5265007M_1.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: A603

-16Bit Sum(Little Endian): DF3F

-16Bit Sum(Big Endian): C9C4

[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]

- Once after updating to this release, reverting to microcode v3.4.xxx or earlier will delete all job records and stored jobs from the DFE.
- Updating to this release from microcode v3.4.011 or earlier will delete all RIPPed data.
- When installing this release, update the mainframe 'animation' firmware to the latest version together as a set, to allow proper

OCP UI display. (It is recommended to also update the firmware for all other engine modules.)

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- Updated APPE (RIP model H) from v4.9 to v5.3.
- For special toner underprint jobs, alert is notified to the DFE and printing stops when the special toner runs out.

Symptom corrected:

- DFE unexpectedly reboots during a job when the color option for the virtual printer is set as follows:
 - Most of the profiles are set as "Pass through"
 - Advanced > Black (text/line art) is set to "Pure black"
- Some transparency mask objects are not printed in IPDS jobs.

[Modification history]

Version 132.31.064_v3.08.002

Rank C

Supported:

- New optional peripherals
- Manual calibration of Special toner
- IPDS devicelink profile
- Plockmatic banner sheet LCT

Symptom corrected:

- The console screen does not appear on the printer control panel.
- Fatal error occurs when attempted to run a PPML job that has small objects located toward the edges or has no version tag.
- If the job is suspended while printing the first page of a job, the job resumes by printing the first page again.
- Job does not print completely due to a fault in the plane memory buffer control.

Others:

- Changed the auto calibration printing from face-down to face-up delivery.

Version 132.31.064_v3.06.002

Rank C

Supported:

- Paper library is supported in line with the new peripherals for the Pro C72xx/Pro C92xx series.

Symptom corrected:

- Fatal error occurs when sample print is specified at every 50 sheets.

Version 132.31.064_v3.06.001

Rank C

Supported:

- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - * Input of device link profile
 - * Output without color conversion
- Supported the RPIP Box S3 to allow connection with third party vendor peripherals.
- Job separator sheets can be inserted after the job when the conditions below are met:
 - * Feature 8B0316 is installed and enabled
- Added the new Side by Side Preview function to allow display of image before and after tone curve correction.
- When the number of copies defined in JDF is in decimal, the system refers to the integer.
- Auto Calibration supports the following new sizes: 12x18, 13x19 and custom.
- Minor change of the Help display.
- The following changes were made for [175 dot halftone]:
 - * Increased the default processing speed.
 - * Print quality is prioritized when enabled 'Feature 8B0315'.

Symptom corrected:

- Error occurs when graphics are positioned beyond the VPA even with Feature 8B4289 enabled.
- Impose settings made in TotalFlow Prep do not work for held jobs.
- The correct number of paper catalog entries may not apply when more than four entries are selected.
- Program check error occurs while editing job properties.
- When tone curve and color corrections are applied to RIPPed jobs, the tone curve correction is not applied.
- Updating the calibration data using the Auto Calibration function causes an error.
- Pages are missing from the output when printed jobs that contain corrupted characters from the printer driver. Remote Console does not indicate any error after the job completes.
- Continuously running face-up mixplex jobs causes to print the first three pages of the job on the wrong side of the sheet.

Version 132.31.064_v3.05.001

Rank C

Spec changes:

- In the ImageViewer preview screen, moving the cursor on the RIPPed image displays the CMYK values.
- In Job Spool, job properties can be changed in lump by selecting multiple jobs.
- Settings for preprinted sheets fed from the Interposer can be made on Prinect DFE.
- Output profile associated to the paper catalog entry is prioritized for IPDS printing.

Symptom corrected:

- When an extra long banner sheet is assigned to the bypass tray and the printer power is turned On/Off, the tray assignment setting is invalidated on the DFE.
- Manual calibration using a spectrophotometer results in an error with R-62.
- Printing banner sheets via TotalFlow BatchBuilder may result in an error.
- Saddle-stitching a one-page job with Plockmatic causes a paper jam at a 100% rate.
- Fatal Error occurs, displaying the message 'More pages have stacked than have been printed' when printed a AFP job mixed of stapled and non-stapled pages.
- Printing AFP files with IPDS results in a Fatal Error (Rs1: handleRdlAddItemRc, SM: smC_dispatchMessage).
- Changing the properties of a job RIPPed with microcode 3.2.xx after updating to v3.3 results in a Fatal Error.
- Hard to see whether Sample print function is enabled or not on the printer panel.
- SC919 occurs with specific AFP jobs that contain overlays composed of small text objects.
- Fatal error occurs when printed specific jobs that contain halftone images.

Version 132.31.064_v3.04.001

Rank C

Specification changed:

1. The following functions are supported.
 - Enhance Tone Curve Adjustment
 - Global maintain sequential order and priority handling to input queue
 - Edit Function for Spot Color
 - Overprint support by Kodak and Screen APPE
2. The name of the RDP (remote desktop protocol) application that appears on the large operation panel was changed from Print Server Console to Digital Printing Terminal (Prinect DFE only).

Symptom corrected:

1. Fatal Error during IPDS printing with certain Type 1 font which has unusually large "/Copyright" description.
2. SC694-01 error with booting up or recovery from energy saver mode.
3. IPDS(x'023C') error occurred when the specific font was used.
4. IA fatal error occurs when printed data that uses 2-byte character in the ICC profile name.

5. Wire in the Vacuum Feed LCIT may break, if the STR timer is set too short and the system frequently wakes up from the STR mode or from a power Off state.
6. Fails to copy data to the Windows VM via USB flash drive.

Version 132.31.064_v3.03.004

Rank C

Supported:

1. The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
2. IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
3. Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
4. In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
5. To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
6. Page counter that appears on OCP is also displayed on Prinect via DFE.
7. Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
8. To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
9. On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

1. Cannot test print while logged on to the SP mode.
2. Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

Version 132.31.063_v3.01.001

Rank D

1st Mass production

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*** Basic Information ***
=====

[Create date] 2020/01/15

[Program Name] BOS_2/6

[Version] 132.31.064_v3.09.001

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] Exist

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265007M_2

[File Information]

File Name M5265007M_2.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: 419F

-16Bit Sum(Little Endian): 3EE5

-16Bit Sum(Big Endian): A1BA

[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]

- Once after updating to this release, reverting to microcode v3.4.xxx or earlier will delete all job records and stored jobs from the DFE.
- Updating to this release from microcode v3.4.011 or earlier will delete all RIPPed data.
- When installing this release, update the mainframe 'animation' firmware to the latest version together as a set, to allow proper

OCP UI display. (It is recommended to also update the firmware for all other engine modules.)

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- Updated APPE (RIP model H) from v4.9 to v5.3.
- For special toner underprint jobs, alert is notified to the DFE and printing stops when the special toner runs out.

Symptom corrected:

- DFE unexpectedly reboots during a job when the color option for the virtual printer is set as follows:
 - Most of the profiles are set as "Pass through"
 - Advanced > Black (text/line art) is set to "Pure black"
- Some transparency mask objects are not printed in IPDS jobs.

[Modification history]

Version 132.31.064_v3.08.002

Rank C

Supported:

- New optional peripherals
- Manual calibration of Special toner
- IPDS devicelink profile
- Plockmatic banner sheet LCT

Symptom corrected:

- The console screen does not appear on the printer control panel.
- Fatal error occurs when attempted to run a PPML job that has small objects located toward the edges or has no version tag.
- If the job is suspended while printing the first page of a job, the job resumes by printing the first page again.
- Job does not print completely due to a fault in the plane memory buffer control.

Others:

- Changed the auto calibration printing from face-down to face-up delivery.

Version 132.31.064_v3.06.002

Rank C

Supported:

- Paper library is supported in line with the new peripherals for the Pro C72xx/Pro C92xx series.

Symptom corrected:

- Fatal error occurs when sample print is specified at every 50 sheets.

Version 132.31.064_v3.06.001

Rank C

Supported:

- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - * Input of device link profile
 - * Output without color conversion
- Supported the RPIP Box S3 to allow connection with third party vendor peripherals.
- Job separator sheets can be inserted after the job when the conditions below are met:
 - * Feature 8B0316 is installed and enabled
- Added the new Side by Side Preview function to allow display of image before and after tone curve correction.
- When the number of copies defined in JDF is in decimal, the system refers to the integer.
- Auto Calibration supports the following new sizes: 12x18, 13x19 and custom.
- Minor change of the Help display.
- The following changes were made for [175 dot halftone]:
 - * Increased the default processing speed.
 - * Print quality is prioritized when enabled 'Feature 8B0315'.

Symptom corrected:

- Error occurs when graphics are positioned beyond the VPA even with Feature 8B4289 enabled.
- Impose settings made in TotalFlow Prep do not work for held jobs.
- The correct number of paper catalog entries may not apply when more than four entries are selected.
- Program check error occurs while editing job properties.
- When tone curve and color corrections are applied to RIPPed jobs, the tone curve correction is not applied.
- Updating the calibration data using the Auto Calibration function causes an error.
- Pages are missing from the output when printed jobs that contain corrupted characters from the printer driver. Remote Console does not indicate any error after the job completes.
- Continuously running face-up mixplex jobs causes to print the first three pages of the job on the wrong side of the sheet.

Version 132.31.064_v3.05.001

Rank C

Spec changes:

- In the ImageViewer preview screen, moving the cursor on the RIPPed image displays the CMYK values.
- In Job Spool, job properties can be changed in lump by selecting multiple jobs.
- Settings for preprinted sheets fed from the Interposer can be made on Prinect DFE.
- Output profile associated to the paper catalog entry is prioritized for IPDS printing.

Symptom corrected:

- When an extra long banner sheet is assigned to the bypass tray and the printer power is turned On/Off, the tray assignment setting is invalidated on the DFE.
- Manual calibration using a spectrophotometer results in an error with R-62.
- Printing banner sheets via TotalFlow BatchBuilder may result in an error.
- Saddle-stitching a one-page job with Plockmatic causes a paper jam at a 100% rate.
- Fatal Error occurs, displaying the message 'More pages have stacked than have been printed' when printed a AFP job mixed of stapled and non-stapled pages.
- Printing AFP files with IPDS results in a Fatal Error (Rs1: handleRdlAddItemRc, SM: smC_dispatchMessage).
- Changing the properties of a job RIPPed with microcode 3.2.xx after updating to v3.3 results in a Fatal Error.
- Hard to see whether Sample print function is enabled or not on the printer panel.
- SC919 occurs with specific AFP jobs that contain overlays composed of small text objects.
- Fatal error occurs when printed specific jobs that contain halftone images.

Version 132.31.064_v3.04.001

Rank C

Specification changed:

1. The following functions are supported.
 - Enhance Tone Curve Adjustment
 - Global maintain sequential order and priority handling to input queue
 - Edit Function for Spot Color
 - Overprint support by Kodak and Screen APPE
2. The name of the RDP (remote desktop protocol) application that appears on the large operation panel was changed from Print Server Console to Digital Printing Terminal (Prinect DFE only).

Symptom corrected:

1. Fatal Error during IPDS printing with certain Type 1 font which has unusually large "/Copyright" description.
2. SC694-01 error with booting up or recovery from energy saver mode.
3. IPDS(x'023C') error occurred when the specific font was used.
4. IA fatal error occurs when printed data that uses 2-byte character in the ICC profile name.

5. Wire in the Vacuum Feed LCIT may break, if the STR timer is set too short and the system frequently wakes up from the STR mode or from a power Off state.
6. Fails to copy data to the Windows VM via USB flash drive.

Version 132.31.064_v3.03.004

Rank C

Supported:

1. The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
2. IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
3. Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
4. In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
5. To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
6. Page counter that appears on OCP is also displayed on Prinect via DFE.
7. Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
8. To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
9. On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

1. Cannot test print while logged on to the SP mode.
2. Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

Version 132.31.063_v3.01.001

Rank D

1st Mass production

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*** Basic Information ***
=====

[Create date] 2020/01/15

[Program Name] BOS_3/6

[Version] 132.31.064_v3.09.001

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] Exist

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265007M_3

[File Information]

File Name M5265007M_3.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: 97CA

-16Bit Sum(Little Endian): AEB7

-16Bit Sum(Big Endian): B313

[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]

- Once after updating to this release, reverting to microcode v3.4.xxx or earlier will delete all job records and stored jobs from the DFE.
- Updating to this release from microcode v3.4.011 or earlier will delete all RIPPed data.
- When installing this release, update the mainframe 'animation' firmware to the latest version together as a set, to allow proper

OCP UI display. (It is recommended to also update the firmware for all other engine modules.)

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- Updated APPE (RIP model H) from v4.9 to v5.3.
- For special toner underprint jobs, alert is notified to the DFE and printing stops when the special toner runs out.

Symptom corrected:

- DFE unexpectedly reboots during a job when the color option for the virtual printer is set as follows:
 - Most of the profiles are set as "Pass through"
 - Advanced > Black (text/line art) is set to "Pure black"
- Some transparency mask objects are not printed in IPDS jobs.

[Modification history]

Version 132.31.064_v3.08.002

Rank C

Supported:

- New optional peripherals
- Manual calibration of Special toner
- IPDS devicelink profile
- Plockmatic banner sheet LCT

Symptom corrected:

- The console screen does not appear on the printer control panel.
- Fatal error occurs when attempted to run a PPML job that has small objects located toward the edges or has no version tag.
- If the job is suspended while printing the first page of a job, the job resumes by printing the first page again.
- Job does not print completely due to a fault in the plane memory buffer control.

Others:

- Changed the auto calibration printing from face-down to face-up delivery.

Version 132.31.064_v3.06.002

Rank C

Supported:

- Paper library is supported in line with the new peripherals for the Pro C72xx/Pro C92xx series.

Symptom corrected:

- Fatal error occurs when sample print is specified at every 50 sheets.

Version 132.31.064_v3.06.001

Rank C

Supported:

- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - * Input of device link profile
 - * Output without color conversion
- Supported the RPIP Box S3 to allow connection with third party vendor peripherals.
- Job separator sheets can be inserted after the job when the conditions below are met:
 - * Feature 8B0316 is installed and enabled
- Added the new Side by Side Preview function to allow display of image before and after tone curve correction.
- When the number of copies defined in JDF is in decimal, the system refers to the integer.
- Auto Calibration supports the following new sizes: 12x18, 13x19 and custom.
- Minor change of the Help display.
- The following changes were made for [175 dot halftone]:
 - * Increased the default processing speed.
 - * Print quality is prioritized when enabled 'Feature 8B0315'.

Symptom corrected:

- Error occurs when graphics are positioned beyond the VPA even with Feature 8B4289 enabled.
- Impose settings made in TotalFlow Prep do not work for held jobs.
- The correct number of paper catalog entries may not apply when more than four entries are selected.
- Program check error occurs while editing job properties.
- When tone curve and color corrections are applied to RIPPed jobs, the tone curve correction is not applied.
- Updating the calibration data using the Auto Calibration function causes an error.
- Pages are missing from the output when printed jobs that contain corrupted characters from the printer driver. Remote Console does not indicate any error after the job completes.
- Continuously running face-up mixplex jobs causes to print the first three pages of the job on the wrong side of the sheet.

Version 132.31.064_v3.05.001

Rank C

Spec changes:

- In the ImageViewer preview screen, moving the cursor on the RIPPed image displays the CMYK values.
- In Job Spool, job properties can be changed in lump by selecting multiple jobs.
- Settings for preprinted sheets fed from the Interposer can be made on Prinect DFE.
- Output profile associated to the paper catalog entry is prioritized for IPDS printing.

Symptom corrected:

- When an extra long banner sheet is assigned to the bypass tray and the printer power is turned On/Off, the tray assignment setting is invalidated on the DFE.
- Manual calibration using a spectrophotometer results in an error with R-62.
- Printing banner sheets via TotalFlow BatchBuilder may result in an error.
- Saddle-stitching a one-page job with Plockmatic causes a paper jam at a 100% rate.
- Fatal Error occurs, displaying the message 'More pages have stacked than have been printed' when printed a AFP job mixed of stapled and non-stapled pages.
- Printing AFP files with IPDS results in a Fatal Error (Rs1: handleRdlAddItemRc, SM: smC_dispatchMessage).
- Changing the properties of a job RIPPed with microcode 3.2.xx after updating to v3.3 results in a Fatal Error.
- Hard to see whether Sample print function is enabled or not on the printer panel.
- SC919 occurs with specific AFP jobs that contain overlays composed of small text objects.
- Fatal error occurs when printed specific jobs that contain halftone images.

Version 132.31.064_v3.04.001

Rank C

Specification changed:

1. The following functions are supported.
 - Enhance Tone Curve Adjustment
 - Global maintain sequential order and priority handling to input queue
 - Edit Function for Spot Color
 - Overprint support by Kodak and Screen APPE
2. The name of the RDP (remote desktop protocol) application that appears on the large operation panel was changed from Print Server Console to Digital Printing Terminal (Prinect DFE only).

Symptom corrected:

1. Fatal Error during IPDS printing with certain Type 1 font which has unusually large "/Copyright" description.
2. SC694-01 error with booting up or recovery from energy saver mode.
3. IPDS(x'023C') error occurred when the specific font was used.
4. IA fatal error occurs when printed data that uses 2-byte

character in the ICC profile name.

5. Wire in the Vacuum Feed LCIT may break, if the STR timer is set too short and the system frequently wakes up from the STR mode or from a power Off state.
6. Fails to copy data to the Windows VM via USB flash drive.

Version 132.31.064_v3.03.004

Rank C

Supported:

1. The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
2. IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
3. Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
4. In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
5. To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
6. Page counter that appears on OCP is also displayed on Prinect via DFE.
7. Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
8. To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
9. On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

1. Cannot test print while logged on to the SP mode.
2. Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

Version 132.31.063_v3.01.001

Rank D

1st Mass production

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*** Basic Information ***
=====

[Create date] 2020/01/15

[Program Name] BOS_4/6

[Version] 132.31.064_v3.09.001

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] Exist

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265007M_4

[File Information]

File Name M5265007M_4.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 635.77 MB (666657254 byte)

Check Sum -8Bit Sum: 4338

-16Bit Sum(Little Endian): FBEB

-16Bit Sum(Big Endian): 7F4D

[Availability of RFU] No

[Production reflection]

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

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

- Once after updating to this release, reverting to microcode v3.4.xxx or earlier will delete all job records and stored jobs from the DFE.
- Updating to this release from microcode v3.4.011 or earlier will delete all RIPPed data.
- When installing this release, update the mainframe 'animation' firmware to the latest version together as a set, to allow proper

OCP UI display. (It is recommended to also update the firmware for all other engine modules.)

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- Updated APPE (RIP model H) from v4.9 to v5.3.
- For special toner underprint jobs, alert is notified to the DFE and printing stops when the special toner runs out.

Symptom corrected:

- DFE unexpectedly reboots during a job when the color option for the virtual printer is set as follows:
 - Most of the profiles are set as "Pass through"
 - Advanced > Black (text/line art) is set to "Pure black"
- Some transparency mask objects are not printed in IPDS jobs.

[Modification history]

Version 132.31.064_v3.08.002

Rank C

Supported:

- New optional peripherals
- Manual calibration of Special toner
- IPDS devicelink profile
- Plockmatic banner sheet LCT

Symptom corrected:

- The console screen does not appear on the printer control panel.
- Fatal error occurs when attempted to run a PPML job that has small objects located toward the edges or has no version tag.
- If the job is suspended while printing the first page of a job, the job resumes by printing the first page again.
- Job does not print completely due to a fault in the plane memory buffer control.

Others:

- Changed the auto calibration printing from face-down to face-up delivery.

Version 132.31.064_v3.06.002

Rank C

Supported:

- Paper library is supported in line with the new peripherals for the Pro C72xx/Pro C92xx series.

Symptom corrected:

- Fatal error occurs when sample print is specified at every 50 sheets.

Version 132.31.064_v3.06.001

Rank C

Supported:

- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - * Input of device link profile
 - * Output without color conversion
- Supported the RPIP Box S3 to allow connection with third party vendor peripherals.
- Job separator sheets can be inserted after the job when the conditions below are met:
 - * Feature 8B0316 is installed and enabled
- Added the new Side by Side Preview function to allow display of image before and after tone curve correction.
- When the number of copies defined in JDF is in decimal, the system refers to the integer.
- Auto Calibration supports the following new sizes: 12x18, 13x19 and custom.
- Minor change of the Help display.
- The following changes were made for [175 dot halftone]:
 - * Increased the default processing speed.
 - * Print quality is prioritized when enabled 'Feature 8B0315'.

Symptom corrected:

- Error occurs when graphics are positioned beyond the VPA even with Feature 8B4289 enabled.
- Impose settings made in TotalFlow Prep do not work for held jobs.
- The correct number of paper catalog entries may not apply when more than four entries are selected.
- Program check error occurs while editing job properties.
- When tone curve and color corrections are applied to RIPPed jobs, the tone curve correction is not applied.
- Updating the calibration data using the Auto Calibration function causes an error.
- Pages are missing from the output when printed jobs that contain corrupted characters from the printer driver. Remote Console does not indicate any error after the job completes.
- Continuously running face-up mixplex jobs causes to print the first three pages of the job on the wrong side of the sheet.

Version 132.31.064_v3.05.001

Rank C

Spec changes:

- In the ImageViewer preview screen, moving the cursor on the RIPPed image displays the CMYK values.
- In Job Spool, job properties can be changed in lump by selecting multiple jobs.
- Settings for preprinted sheets fed from the Interposer can be made on Prinect DFE.
- Output profile associated to the paper catalog entry is prioritized for IPDS printing.

Symptom corrected:

- When an extra long banner sheet is assigned to the bypass tray and the printer power is turned On/Off, the tray assignment setting is invalidated on the DFE.
- Manual calibration using a spectrophotometer results in an error with R-62.
- Printing banner sheets via TotalFlow BatchBuilder may result in an error.
- Saddle-stitching a one-page job with Plockmatic causes a paper jam at a 100% rate.
- Fatal Error occurs, displaying the message 'More pages have stacked than have been printed' when printed a AFP job mixed of stapled and non-stapled pages.
- Printing AFP files with IPDS results in a Fatal Error (Rs1: handleRdlAddItemRc, SM: smC_dispatchMessage).
- Changing the properties of a job RIPPed with microcode 3.2.xx after updating to v3.3 results in a Fatal Error.
- Hard to see whether Sample print function is enabled or not on the printer panel.
- SC919 occurs with specific AFP jobs that contain overlays composed of small text objects.
- Fatal error occurs when printed specific jobs that contain halftone images.

Version 132.31.064_v3.04.001

Rank C

Specification changed:

1. The following functions are supported.
 - Enhance Tone Curve Adjustment
 - Global maintain sequential order and priority handling to input queue
 - Edit Function for Spot Color
 - Overprint support by Kodak and Screen APPE
2. The name of the RDP (remote desktop protocol) application that appears on the large operation panel was changed from Print Server Console to Digital Printing Terminal (Prinect DFE only).

Symptom corrected:

1. Fatal Error during IPDS printing with certain Type 1 font which has unusually large "/Copyright" description.
2. SC694-01 error with booting up or recovery from energy saver mode.
3. IPDS(x'023C') error occurred when the specific font was used.
4. IA fatal error occurs when printed data that uses 2-byte

character in the ICC profile name.

5. Wire in the Vacuum Feed LCIT may break, if the STR timer is set too short and the system frequently wakes up from the STR mode or from a power Off state.
6. Fails to copy data to the Windows VM via USB flash drive.

Version 132.31.064_v3.03.004

Rank C

Supported:

1. The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
2. IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
3. Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
4. In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
5. To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
6. Page counter that appears on OCP is also displayed on Prinect via DFE.
7. Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
8. To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
9. On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

1. Cannot test print while logged on to the SP mode.
2. Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

Version 132.31.063_v3.01.001

Rank D

1st Mass production

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] BOS_5/6

[Version] 132.31.064_v3.03.004

[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.] M5265008E_1_A

[File Information]

File Name M5265008E_1_A.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 800.00 MB (838860800 byte)

Check Sum -8Bit Sum: 765E

-16Bit Sum(Little Endian): 38B7

-16Bit Sum(Big Endian): 9BA7

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.01.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.01.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

*** Important Notes ***

[Important Notes]

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
 - Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.
-

[Modification history]

Version 132.31.063_v3.01.001
Rank D
1st Mass production

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] BOS_6/6

[Version] 132.31.064_v3.03.004

[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.] M5265008E_2_A

[File Information]

File Name M5265008E_2_A.rar

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 616.86 MB (646822739 byte)

Check Sum -8Bit Sum: B917

-16Bit Sum(Little Endian): 5224

-16Bit Sum(Big Endian): 7DF3

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Note:

This release contains the following two ISO files that need to be burned to two DVDs.

bos132.31.064_v3.03.004.kp5_master.iso <---- System DVD 1

bos132.31.064_v3.03.004.kp5_kuroimage.iso <---- System DVD 2

Procedure:

1. Download the six BOS to the client PC.
2. Among the six downloaded in the previous step, execute the two .exe files and verify that two ISO files (System DVD 1&2) are generated.
3. Burn the two ISO files onto two DVDs.
4. Insert the System DVD-1 immediately after turning ON the Rigel server.

5. The disc tray will open during the installation. Insert System DVD-2.
6. Wait for the Rigel server to turn OFF automatically, and then turn ON the power.
7. Open the disc tray and remove System DVD-2 immediately after the Rigel server turns ON.
8. Wait for the DFE to start up after installation completes.

*** Important Notes ***

[Important Notes]

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
 - Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.
-

[Modification history]

Version 132.31.063_v3.01.001
Rank D
1st Mass production

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] MICROCODE

[Version] 3.03.004

[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.] M5265053_A

[File Information]

File Name M5265053_A.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,416.86 MB (1485685953 byte)

Check Sum -8Bit Sum: 233C

 -16Bit Sum(Little Endian): B32E

 -16Bit Sum(Big Endian): AC0E

[Availability of RFU] No

[Production reflection]

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

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

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

[Modifications made:]

Rank C

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
- Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

[Modification history]

Version 3.2.002

Rank C

Supported:

1. Enhanced the controls for better support of the Perfect Binder engine specs.
2. Color Homing function supported (for Andromeda-P2 only).
3. Adapted a new screen suitable for the Leo-C2 5st specialty toner (neon pink/invisible red).

Symptom corrected:

1. Only the event logs are initialized when Reset to Factory Default.
2. Fatal error occurs when recovering from a jam in Secure Print mode.
3. The in-line sensor falsely operates when calibrating for a white undercoating job.

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] MICROCODE

[Version] 3.03.004

[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.] M5265053_T

[File Information]

File Name M5265053_T.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,416.86 MB (1485685953 byte)

Check Sum -8Bit Sum: 233C

 -16Bit Sum(Little Endian): B32E

 -16Bit Sum(Big Endian): AC0E

[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 ***
=====

[Modifications made:]

Rank C

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
- Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

[Modification history]

Version 3.2.002

Rank C

Supported:

1. Enhanced the controls for better support of the Perfect Binder engine specs.
2. Color Homing function supported (for Andromeda-P2 only).
3. Adapted a new screen suitable for the Leo-C2 5st specialty toner (neon pink/invisible red).

Symptom corrected:

1. Only the event logs are initialized when Reset to Factory Default.
2. Fatal error occurs when recovering from a jam in Secure Print mode.
3. The in-line sensor falsely operates when calibrating for a white undercoating job.

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

[Modifications made:]

Rank C

Supported:

1. Enhanced the controls for better support of the Perfect Binder engine specs.
2. Color Homing function supported (for Andromeda-P2 only).
3. Adapted a new screen suitable for the Leo-C2 5st specialty toner (neon pink/invisible red).

Symptom corrected:

1. Only the event logs are initialized when Reset to Factory Default.
2. Fatal error occurs when recovering from a jam in Secure Print mode.
3. The in-line sensor falsely operates when calibrating for a white undercoating job.

[Modification history]

=====
*** Basic Information ***
=====

[Create date] 2018/08/09

[Program Name] MICROCODE

[Version] 3.03.004

[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.] M5265053H_T

[File Information]

File Name M5265053H_T.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,416.86 MB (1485685953 byte)

Check Sum -8Bit Sum: 233C

 -16Bit Sum(Little Endian): B32E

 -16Bit Sum(Big Endian): AC0E

[Availability of RFU] No

[Production reflection]

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

=====
*** Important Notes ***
=====

[Important Notes]

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

[Modifications made:]

Rank C

Supported:

- The new barcode of the Royal Mail (of UK) is supported as part of the IPDS function.
- IOCA parameters are overwritten with JPEG parameters when IOCA parameters contained in IPDS jobs generated by a third party vendor applications are enabled.
- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - Input of device link profile
 - Output without color conversion
- In Configuration > Output jogging > On job boundary, Jogging ON/OFF can be specified on Prinect.
- To enrich the output density of solid black images printed on RIP Model S, PDF data composed of CMY=0% and K=100% are printed in K=100%.
- Page counter that appears on OCP is also displayed on Prinect via DFE.
- Upgraded the APPE (feature RIP) version as follows:
 - RIP Model H:Ver. 4.4 --> Ver. 4.8
 - RIP Model K:Ver. 4.5 --> Ver. 4.7
 - RIP Model S:Ver. 4.3 --> Ver. 4.8
- To prevent unwanted after effects of a color conversion when using standard profiles, jobs set to Rich Black for [Text, Line Art] that have a white background are printed in Rich Black.
- On the Feature RIP Model K, the Bleed Box (margin) data is fed back to the DFE during RIP, to determine whether the color bars can be printed on the pages or not.

Symptom corrected:

- Cannot test print while logged on to the SP mode.
- Error C014 (mismatch of Paper Catalog data between the engine and DFE) occurs, if a paper catalog is registered on the engine.

[Modification history]

Version 3.2.002

Rank C

Supported:

1. Enhanced the controls for better support of the Perfect Binder engine specs.
2. Color Homing function supported (for Andromeda-P2 only).
3. Adapted a new screen suitable for the Leo-C2 5st specialty toner (neon pink/invisible red).

Symptom corrected:

1. Only the event logs are initialized when Reset to Factory Default.
2. Fatal error occurs when recovering from a jam in Secure Print mode.
3. The in-line sensor falsely operates when calibrating for a white undercoating job.

=====

*** Basic Information ***

=====

[Create date] 2019/07/01

[Program Name] MICROCODE

[Version] 3.5.015

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265055_HD305015

[File Information]

File Name M5265055_HD305015.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,431.53 MB (1501064722 byte)

Check Sum -8Bit Sum: E2B2

-16Bit Sum(Little Endian): F991

-16Bit Sum(Big Endian): 9B21

[Availability of RFU] No

[Production reflection]

=====

*** Note ***

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[Note]

Microcode release for field issues.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS 132.31.063/132.31.064.

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*** Important Notes ***

=====

[Important Notes]

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

[Modifications made:]

Rank C

Symptom corrected:

Symptom:

- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.

[Modification history]

Version 3.5.011

Rank C

Symptom corrected:

Symptom:

- Fatal error when unsupported banner size media(over 440 mm/Paper weight 8) is tried to add from Media Management Tool.

Version 3.4.017

Rank C

Specification changed:

- Change the GUI of "Sample print" button on the printer panel.
- Add new enhancement feature "8B0310_ZERO" that allows disabling to insert blank pages to the back side of simplex pages for the mix-plex job.

Symptom corrected:

Symptom:

- Duplicate paper catalog registration with certain procedures.
- Fatal error with sample printing.
- Fatal error when printing from Prinect.
- Calibration data is faulty removed

Version 3.3.019

Rank C

Symptom corrected:

Symptom:

- Intermittently display Fatal error(Source 5002) when printing.

Version 3.3.017

Rank C

Symptom corrected:

Symptom:

- Manual calibration failed under certain condition.

Version 3.3.011

Rank C

Symptom corrected:

Symptom:

- Extra long paper(770.1-1260mm) assigned to Input tray was not recognized on the DFE after rebooting the printer.

Version 3.2.015

Rank C

Symptom corrected:

Symptom:

- Failed to print test chart from SP menu on the printer.

Version 3.2.013

Rank C

Symptom corrected:

Symptom:

- C014 error occurred after deleting the duplicated paper catalog entry.

Version 3.1.001

Rank D

1st Microcode for the field machine.

=====
*** Basic Information ***
=====

[Create date] 2018/08/06

[Program Name] MICROCODE

[Version] 3.2.015

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265051_HD302015_T

[File Information]

File Name M5265051_HD302015_T.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,418.12 MB (1487004573 byte)

Check Sum -8Bit Sum: 520C

 -16Bit Sum(Little Endian): 5D81

 -16Bit Sum(Big Endian): 008B

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Temporary Microcode based on version v3.x.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS 132.31.063.

=====
*** Important Notes ***
=====

=====

*** Basic Information ***

=====

[Create date] 2019/07/01

[Program Name] MICROCODE

[Version] 3.5.015

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265055_PR305015

[File Information]

File Name M5265055_PR305015.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,431.53 MB (1501064722 byte)

Check Sum -8Bit Sum: E2B2

-16Bit Sum(Little Endian): F991

-16Bit Sum(Big Endian): 9B21

[Availability of RFU] No

[Production reflection]

=====

*** Note ***

=====

[Note]

Microcode release for field issues.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS 132.31.063/132.31.064.

=====

*** Important Notes ***

=====

[Important Notes]

If updating from v3.4.011 or before to this version the raster image
of processed jobs are removed.

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

[Modifications made:]

Rank C

Symptom corrected:

Symptom:

- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.
- Enabling [IPDS] [Black/Gray reproduction] [Force K] results in very poor performance.

[Modification history]

Version 3.5.011

Rank C

Symptom corrected:

Symptom:

- Fatal error when unsupported banner size media(over 440 mm/Paper weight 8) is tried to add from Media Management Tool.
- Incorrectly count up as full color with B/W pages on the console.

Version 3.4.017

Rank C

Specification changed:

- Change the GUI of "Sample print" button on the printer panel.
- Add new enhancement feature "8B0310_ZERO" that allows disabling to insert blank pages to the back side of simplex pages for the mix-plex job.

Symptom corrected:

Symptom:

- Duplicate paper catalog registration with certain procedures.
- Unable to connect to the remote console from printer panel.
- Fatal error with sample printing.
- Fatal error when printing from Prinect.
- DFE does not boot up with an error after updating from v3.2 or before to v3.3 or later.
- Calibration data is faulty removed
- Tone curves are not applied properly when setting both at a paper catalog and virtual printer.
- SC919 error occurred with particular AFP job.

Version 3.4.011

Rank C

Symptom corrected:

Symptom:

- TotalFlow Prep impositions is not saved to the job.
- Program Check error occurred when pressing ESC key right after operation on the console screen.

Version 3.3.019

Rank C

Symptom corrected:

Symptom:

- Intermittently display Fatal error(Source 5002) when printing.
- IPDS VPA error occurs even if enabling "8B4289" feature.

Version 3.3.017

Rank C

Symptom corrected:

Symptom:

- Manual calibration failed under certain condition.
- Fatal error (Rs1: handleRdlAddItemRc) occurred when printing certain AFP job.

Version 3.3.015

Rank C

Symptom corrected:

Symptom:

- Failed to print a single page job with folding by Plockmatic finisher.
- Fatal Error("More pages have stacked than have been printed") occurred when printing certain AFP job.
- Unnecessary waking up from energy saver mode occurred and it leads breaking the wire of LCT.
- Auto calibration error when updating the existed calibration.

Version 3.3.013

Rank C

Symptom corrected:

Symptom:

- Banner sheets do not print when sending print jobs from TotalFlow BatchBuilder.
- Fatal error("Subsystem 94 (RastIPDSSat1) caught a signal 11") occurred with AFP job using Type 1 font.
- IPDS : x'023C' error occurred when specific GMC fixed font was used.
- Disconnection between DFE and the printer with Energy saver mode.
- Fatal("FreeSerQGet") error occurred during printing.

Version 3.3.011

Rank C

Symptom corrected:

Symptom:

- Extra long paper(770.1-1260mm) assigned to Input tray was not recognized on the DFE after rebooting the printer.

Version 3.2.015

Rank C

Symptom corrected:

Symptom:

- Failed to print test chart from SP menu on the printer.

Version 3.2.013

Rank C

Symptom corrected:

Symptom:

- C014 error occurred after deleting the duplicated paper catalog entry.

[Important Notes]

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

[Modifications made:]

Rank C

Symptom corrected:
Symptom:
Failed to print test chart from SP menu on the printer.

[Modification history]

Version 3.2.013

Rank C

Symptom corrected:
Symptom:
C014 error occurred after deleting the duplicated paper catalog entry.

Version 3.1.001

Rank D

1st Microcode for the field machine.

=====
*** Basic Information ***
=====

[Create date] 2018/08/01

[Program Name] MICROCODE

[Version] 3.2.015

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265051_PR302015_A

[File Information]

File Name M5265051_PR302015_A.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,418.12 MB (1487004573 byte)

Check Sum -8Bit Sum: 520C

 -16Bit Sum(Little Endian): 5D81

 -16Bit Sum(Big Endian): 008B

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Temporary Microcode based on version v3.x.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS 132.31.063.

=====
*** Important Notes ***
=====

[Important Notes]

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

[Modifications made:]

Rank C

Symptom corrected:

Symptom:

Failed to print test chart from SP menu on the printer.

[Modification history]

Version 3.2.013

Rank C

Symptom corrected:

Symptom:

C014 error occurred after deleting the duplicated paper catalog entry.

=====
*** Basic Information ***
=====

[Create date] 2018/08/01

[Program Name] MICROCODE

[Version] 3.2.015

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265051_PR302015_T

[File Information]

File Name M5265051_PR302015_T.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,418.12 MB (1487004573 byte)

Check Sum -8Bit Sum: 520C

-16Bit Sum(Little Endian): 5D81

-16Bit Sum(Big Endian): 008B

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Temporary Microcode based on version v3.x.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS 132.31.063.

=====
*** Important Notes ***
=====

[Important Notes]

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

[Modifications made:]

Rank C

Symptom corrected:

Symptom:

Failed to print test chart from SP menu on the printer.

[Modification history]

Version 3.2.013

Rank C

Symptom corrected:

Symptom:

C014 error occurred after deleting the duplicated paper catalog entry.

Version 3.1.001

Rank D

1st Microcode for the field machine.

=====
*** Basic Information ***
=====

[Create date] 2019/07/26

[Program Name] MICROCODE

[Version] 3.6.011

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265056_HD306011

[File Information]

File Name M5265056_HD306011.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,431.54 MB (1501080012 byte)

Check Sum -8Bit Sum: 84D0

-16Bit Sum(Little Endian): 0C8B

-16Bit Sum(Big Endian): 4845

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Microcode release for field issues.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS 132.31.063/132.31.064.

=====
*** Important Notes ***
=====

[Important Notes]

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

[Modifications made:]

Rank C

Symptom corrected:

Symptom:

- Cannot connect to the remote console on the printer Screen.
- Job error(getJobInfo) occurred with certain job.
- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.

[Modification history]

Version 3.5.015

Rank C

Symptom corrected:

Symptom:

- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.

Version 3.5.011

Rank C

Symptom corrected:

Symptom:

- Fatal error when unsupported banner size media(over 440 mm/Paper weight 8) is tried to add from Media Management Tool.

Version 3.4.017

Rank C

Specification changed:

- Change the GUI of "Sample print" button on the printer panel.
- Add new enhancement feature "8B0310_ZERO" that allows disabling to insert blank pages to the back side of simplex pages for the mix-plex job.

Symptom corrected:

Symptom:

- Duplicate paper catalog registration with certain procedures.
- Fatal error with sample printing.
- Fatal error when printing from Prinect.
- Calibration data is faulty removed

Version 3.3.019

Rank C

Symptom corrected:

Symptom:

- Intermittently display Fatal error(Source 5002) when printing.

Version 3.3.017

Rank C

Symptom corrected:

Symptom:

- Manual calibration failed under certain condition.

Version 3.3.011

Rank C

Symptom corrected:

Symptom:

- Extra long paper(770.1-1260mm) assigned to Input tray was not recognized on the DFE after rebooting the printer.

Version 3.2.015

Rank C

Symptom corrected:

Symptom:

- Failed to print test chart from SP menu on the printer.

Version 3.2.013

Rank C

Symptom corrected:

Symptom:

- C014 error occurred after deleting the duplicated paper catalog entry.

Version 3.1.001

Rank D

1st Microcode for the field machine.

=====
*** Basic Information ***
=====

[Create date] 2019/09/10

[Program Name] MICROCODE

[Version] 3.6.013

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265056_HD306013

[File Information]

File Name M5265056_HD306013.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,431.58 MB (1501125064 byte)

Check Sum -8Bit Sum: E84D

-16Bit Sum(Little Endian): 8FA3

-16Bit Sum(Big Endian): A5AA

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Microcode release for field issues.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS 132.31.063/132.31.064.

=====
*** Important Notes ***
=====

[Important Notes]

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

[Modifications made:]

Rank C

Symptom corrected:

Symptom:

- Fatal error caused by mishandling error event during printing.

[Modification history]

Version 3.6.011

Rank C

Symptom corrected:

Symptom:

- Cannot connect to the remote console on the printer Screen.
- Job error(getJobInfo) occurred with certain job.
- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.

Version 3.5.015

Rank C

Symptom corrected:

Symptom:

- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.

Version 3.5.011

Rank C

Symptom corrected:

Symptom:

- Fatal error when unsupported banner size media(over 440 mm/Paper weight 8) is tried to add from Media Management Tool.

Version 3.4.017

Rank C

Specification changed:

- Change the GUI of "Sample print" button on the printer panel.
- Add new enhancement feature "8B0310_ZERO" that allows disabling to insert blank pages to the back side of simplex pages for the mix-plex job.

Symptom corrected:

Symptom:

- Duplicate paper catalog registration with certain procedures.
- Fatal error with sample printing.
- Fatal error when printing from Prinect.
- Calibration data is faulty removed

Version 3.3.019
Rank C

Symptom corrected:
Symptom:
- Intermittently display Fatal error(Source 5002) when printing.

Version 3.3.017
Rank C

Symptom corrected:
Symptom:
- Manual calibration failed under certain condition.

Version 3.3.011
Rank C

Symptom corrected:
Symptom:
- Extra long paper(770.1-1260mm) assigned to Input tray was not recognized on the DFE after rebooting the printer.

Version 3.2.015
Rank C

Symptom corrected:
Symptom:
- Failed to print test chart from SP menu on the printer.

Version 3.2.013
Rank C

Symptom corrected:
Symptom:
- C014 error occurred after deleting the duplicated paper catalog entry.

Version 3.1.001
Rank D

1st Microcode for the field machine.

=====
*** Basic Information ***
=====

[Create date] 2019/10/08

[Program Name] MICROCODE

[Version] 3.6.019

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265056_HD306019

[File Information]

File Name M5265056_HD306019.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,434.68 MB (1504374369 byte)

Check Sum -8Bit Sum: C2F1

-16Bit Sum(Little Endian): 987C

-16Bit Sum(Big Endian): 1B75

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Microcode release for field issues.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS 132.31.063/132.31.064.

=====
*** Important Notes ***
=====

[Important Notes]

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

[Modifications made:]

Rank C

Symptom corrected:

Symptom:

- Fatal error occurred when receiving multiple jobs from Prinect.

[Modification history]

Version 3.6.013

Rank C

Symptom corrected:

Symptom:

- Fatal error caused by mishandling error event during printing.

Version 3.6.011

Rank C

Symptom corrected:

Symptom:

- Cannot connect to the remote console on the printer Screen.
- Job error(getJobInfo) occurred with certain job.
- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.

Version 3.5.015

Rank C

Symptom corrected:

Symptom:

- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.

Version 3.5.011

Rank C

Symptom corrected:

Symptom:

- Fatal error when unsupported banner size media(over 440 mm/Paper weight 8) is tried to add from Media Management Tool.

Version 3.4.017

Rank C

Specification changed:

- Change the GUI of "Sample print" button on the printer panel.
- Add new enhancement feature "8B0310_ZERO" that allows disabling to insert blank pages to the back side of simplex pages for the mix-plex job.

Symptom corrected:

Symptom:

- Duplicate paper catalog registration with certain procedures.
- Fatal error with sample printing.
- Fatal error when printing from Prinect.
- Calibration data is faulty removed

Version 3.3.019

Rank C

Symptom corrected:

Symptom:

- Intermittently display Fatal error(Source 5002) when printing.

Version 3.3.017

Rank C

Symptom corrected:

Symptom:

- Manual calibration failed under certain condition.

Version 3.3.011

Rank C

Symptom corrected:

Symptom:

- Extra long paper(770.1-1260mm) assigned to Input tray was not recognized on the DFE after rebooting the printer.

Version 3.2.015

Rank C

Symptom corrected:

Symptom:

- Failed to print test chart from SP menu on the printer.

Version 3.2.013

Rank C

Symptom corrected:

Symptom:

- C014 error occurred after deleting the duplicated paper catalog entry.

Version 3.1.001

Rank D

1st Microcode for the field machine.

=====
*** Basic Information ***
=====

[Create date] 2019/06/10

[Program Name] MICROCODE

[Version] 3.6.001

[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.] M5265056

[File Information]

File Name M5265056.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,426.38 MB (1495669233 byte)

Check Sum -8Bit Sum: C609

-16Bit Sum(Little Endian): 258A

-16Bit Sum(Big Endian): A97F

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

=====
*** Important Notes ***
=====

[Important Notes]

- Once after updating to this release, reverting to microcode v3.4.xxx or earlier will delete all job records and stored jobs from the DFE.
 - Updating to this release from microcode v3.4.011 or earlier will delete all RIPPed data.
-

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

[Modifications made:]

Rank C

Supported:

- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - * Input of device link profile
 - * Output without color conversion
- Supported the RPIP Box S3 to allow connection with third party vendor peripherals.
- Job separator sheets can be inserted after the job when the conditions below are met:
 - * Feature 8B0316 is installed and enabled
- Added the new Side by Side Preview function to allow display of image before and after tone curve correction.
- When the number of copies defined in JDF is in decimal, the system refers to the integer.
- Auto Calibration supports the following new sizes: 12x18, 13x19 and custom.
- Minor change of the Help display.
- The following changes were made for [175 dot halftone]:
 - * Increased the default processing speed.
 - * Print quality is prioritized when enabled 'Feature 8B0315'.

Symptom corrected:

- Error occurs when graphics are positioned beyond the VPA even with Feature 8B4289 enabled.
- Impose settings made in TotalFlow Prep do not work for held jobs.
- The correct number of paper catalog entries may not apply when more than four entries are selected.
- Program check error occurs while editing job properties.
- When tone curve and color corrections are applied to RIPped jobs, the tone curve correction is not applied.
- Updating the calibration data using the Auto Calibration function causes an error.
- Pages are missing from the output when printed jobs that contain corrupted characters from the printer driver. Remote Console does not indicate any error after the job completes.
- Continuously running face-up mixplex jobs causes to print the first three pages of the job on the wrong side of the sheet.

[Modification history]

Version 3.5.001

Rank C

Spec changes:

- In the ImageViewer preview screen, moving the cursor on the RIPped image displays the CMYK values.
- In Job Spool, job properties can be changed in lump by selecting

multiple jobs.

- Settings for preprinted sheets fed from the Interposer can be made on Prinect DFE.
- Output profile associated to the paper catalog entry is prioritized for IPDS printing.

Symptom corrected:

- When an extra long banner sheet is assigned to the bypass tray and the printer power is turned On/Off, the tray assignment setting is invalidated on the DFE.
- Manual calibration using a spectrophotometer results in an error with R-62.
- Printing banner sheets via TotalFlow BatchBuilder may result in an error.
- Saddle-stitching a one-page job with Plockmatic causes a paper jam at a 100% rate.
- Fatal Error occurs, displaying the message 'More pages have stacked than have been printed' when printed a AFP job mixed of stapled and non-stapled pages.
- Printing AFP files with IPDS results in a Fatal Error (Rs1: handleRdlAddItemRc, SM: smC_dispatchMessage).
- Changing the properties of a job RIPPed with microcode 3.2.xx after updating to v3.3 results in a Fatal Error.
- Hard to see whether Sample print function is enabled or not on the printer panel.
- SC919 occurs with specific AFP jobs that contain overlays composed of small text objects.
- Fatal error occurs when printed specific jobs that contain halftone images.

=====
*** Basic Information ***
=====

[Create date] 2019/09/10

[Program Name] MICROCODE

[Version] 3.6.013

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265056_PR306013

[File Information]

File Name M5265056_PR306013.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,431.58 MB (1501125064 byte)

Check Sum -8Bit Sum: E84D

-16Bit Sum(Little Endian): 8FA3

-16Bit Sum(Big Endian): A5AA

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Microcode release for field issues.

See "Modifications made:" for detail.

****IMPORTANT****

This microcode(3.x) is only applicable to BOS 132.31.063/132.31.064.

=====
*** Important Notes ***
=====

[Important Notes]

If updating from v3.4.011 or before to this version the raster image
of processed jobs are removed.

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

[Modifications made:]

Rank C

Symptom corrected:

Symptom:

- Fatal error when receiving the PPML job.
- Fatal error caused by mishandling error event during printing.

[Modification history]

Version 3.6.011

Rank C

Symptom corrected:

Symptom:

- Cannot connect to the remote console on the printer Screen.
- Job error(getJobInfo) occurred with certain job.
- Low performance with IPDS job which includes PDF objects.
- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.
- Enabling [IPDS] [Black/Gray reproduction] [Force K] results in very poor performance.
- Incorrect job name displayed when submitting the job through LPR protocol.

Version 3.5.015

Rank C

Symptom corrected:

Symptom:

- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.
- Enabling [IPDS] [Black/Gray reproduction] [Force K] results in very poor performance.

Version 3.5.011

Rank C

Symptom corrected:

Symptom:

- Fatal error when unsupported banner size media(over 440 mm/Paper weight 8) is tried to add from Media Management Tool.
 - Incorrectly count up as full color with B/W pages on the console.
-

Version 3.4.017

Rank C

Specification changed:

- Change the GUI of "Sample print" button on the printer panel.
- Add new enhancement feature "8B0310_ZERO" that allows disabling to insert blank pages to the back side of simplex pages for the mix-plex job.

Symptom corrected:

Symptom:

- Duplicate paper catalog registration with certain procedures.
- Unable to connect to the remote console from printer panel.
- Fatal error with sample printing.
- Fatal error when printing from Prinect.
- DFE does not boot up with an error after updating from v3.2 or before to v3.3 or later.
- Calibration data is faulty removed
- Tone curves are not applied properly when setting both at a paper catalog and virtual printer.
- SC919 error occurred with particular AFP job.

Version 3.4.011

Rank C

Symptom corrected:

Symptom:

- TotalFlow Prep impositions is not saved to the job.
- Program Check error occurred when pressing ESC key right after operation on the console screen.

Version 3.3.019

Rank C

Symptom corrected:

Symptom:

- Intermittently display Fatal error(Source 5002) when printing.
- IPDS VPA error occurs even if enabling "8B4289" feature.

Version 3.3.017

Rank C

Symptom corrected:

Symptom:

- Manual calibration failed under certain condition.
- Fatal error (Rs1: handleRdlAddItemRc) occurred when printing certain AFP job.

Version 3.3.015

Rank C

Symptom corrected:

Symptom:

- Failed to print a single page job with folding by Plockmatic finisher.
- Fatal Error("More pages have stacked than have been printed") occurred when printing certain AFP job.
- Unnecessary waking up from energy saver mode occurred and it leads breaking the wire of LCT.
- Auto calibration error when updating the existed calibration.

Version 3.3.013

Rank C

Symptom corrected:

Symptom:

- Banner sheets do not print when sending print jobs from TotalFlow BatchBuilder.
- Fatal error("Subsystem 94 (RastIPDSSat1) caught a signal 11") occurred with AFP job using Type 1 font.
- IPDS : x'023C' error occurred when specific GMC fixed font was used.
- Disconnection between DFE and the printer with Energy saver mode.
- Fatal("FreeSerQGet") error occurred during printing.

Version 3.3.011

Rank C

Symptom corrected:

Symptom:

- Extra long paper(770.1-1260mm) assigned to Input tray was not recognized on the DFE after rebooting the printer.

Version 3.2.015

Rank C

Symptom corrected:

Symptom:

- Failed to print test chart from SP menu on the printer.

Version 3.2.013

Rank C

Symptom corrected:

Symptom:

- C014 error occurred after deleting the duplicated paper catalog entry.

=====
*** Basic Information ***
=====

[Create date] 2019/10/08

[Program Name] MICROCODE

[Version] 3.6.019

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265056_PR306019

[File Information]

File Name M5265056_PR306019.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,434.68 MB (1504374369 byte)

Check Sum -8Bit Sum: C2F1

-16Bit Sum(Little Endian): 987C

-16Bit Sum(Big Endian): 1B75

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Microcode release for field issues.

See "Modifications made:" for detail.

IMPORTANT

This microcode(3.x) is only applicable to BOS 132.31.063/132.31.064.

=====
*** Important Notes ***
=====

[Important Notes]

If updating from v3.4.011 or before to this version the raster image
of processed jobs are removed.

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

[Modifications made:]

Rank C

Symptom corrected:

Symptom:

- The logo on the document was not printed with a certain IPDS job.

[Modification history]

Version 3.6.013

Rank C

Symptom corrected:

Symptom:

- Fatal error when receiving the PPML job.
- Fatal error caused by mishandling error event during printing.

Version 3.6.011

Rank C

Symptom corrected:

Symptom:

- Cannot connect to the remote console on the printer Screen.
- Job error(getJobInfo) occurred with certain job.
- Low performance with IPDS job which includes PDF objects.
- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.
- Enabling [IPDS] [Black/Gray reproduction] [Force K] results in very poor performance.
- Incorrect job name displayed when submitting the job through LPR protocol.

Version 3.5.015

Rank C

Symptom corrected:

Symptom:

- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.
- Enabling [IPDS] [Black/Gray reproduction] [Force K] results in very poor performance.

Version 3.5.011

Rank C

Symptom corrected:

Symptom:

- Fatal error when unsupported banner size media(over 440 mm/Paper weight 8) is tried to add from Media Management Tool.
- Incorrectly count up as full color with B/W pages on the console.

Version 3.4.017

Rank C

Specification changed:

- Change the GUI of "Sample print" button on the printer panel.
- Add new enhancement feature "8B0310_ZERO" that allows disabling to insert blank pages to the back side of simplex pages for the mix-plex job.

Symptom corrected:

Symptom:

- Duplicate paper catalog registration with certain procedures.
- Unable to connect to the remote console from printer panel.
- Fatal error with sample printing.
- Fatal error when printing from Prinect.
- DFE does not boot up with an error after updating from v3.2 or before to v3.3 or later.
- Calibration data is faulty removed
- Tone curves are not applied properly when setting both at a paper catalog and virtual printer.
- SC919 error occurred with particular AFP job.

Version 3.4.011

Rank C

Symptom corrected:

Symptom:

- TotalFlow Prep impositions is not saved to the job.
- Program Check error occurred when pressing ESC key right after operation on the console screen.

Version 3.3.019

Rank C

Symptom corrected:

Symptom:

- Intermittently display Fatal error(Source 5002) when printing.
- IPDS VPA error occurs even if enabling "8B4289" feature.

Version 3.3.017

Rank C

Symptom corrected:

Symptom:

- Manual calibration failed under certain condition.
- Fatal error (Rs1: handleRdlAddItemRc) occurred when printing certain AFP job.

Version 3.3.015

Rank C

Symptom corrected:

Symptom:

- Failed to print a single page job with folding by Plockmatic finisher.
- Fatal Error("More pages have stacked than have been printed") occurred when printing certain AFP job.
- Unnecessary waking up from energy saver mode occurred and it leads breaking the wire of LCT.
- Auto calibration error when updating the existed calibration.

Version 3.3.013

Rank C

Symptom corrected:

Symptom:

- Banner sheets do not print when sending print jobs from TotalFlow BatchBuilder.
- Fatal error("Subsystem 94 (RastIPDSSat1) caught a signal 11") occurred with AFP job using Type 1 font.
- IPDS : x'023C' error occurred when specific GMC fixed font was used.
- Disconnection between DFE and the printer with Energy saver mode.
- Fatal("FreeSerQGet") error occurred during printing.

Version 3.3.011

Rank C

Symptom corrected:

Symptom:

- Extra long paper(770.1-1260mm) assigned to Input tray was not recognized on the DFE after rebooting the printer.

Version 3.2.015

Rank C

Symptom corrected:

Symptom:

- Failed to print test chart from SP menu on the printer.

Version 3.2.013

Rank C

Symptom corrected:

Symptom:

- C014 error occurred after deleting the duplicated paper catalog entry.

=====
*** Basic Information ***
=====

[Create date] 2019/10/08

[Program Name] MICROCODE

[Version] 3.6.019

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Special Modification

[Release category] Temporary Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265056_PR306019

[File Information]

File Name M5265056_PR306019.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,434.68 MB (1504374369 byte)

Check Sum -8Bit Sum: C2F1

-16Bit Sum(Little Endian): 987C

-16Bit Sum(Big Endian): 1B75

[Availability of RFU] No

[Production reflection]

=====
*** Note ***
=====

[Note]

Microcode release for field issues.

See "Modifications made:" for detail.

IMPORTANT

This microcode(3.x) is only applicable to BOS 132.31.063/132.31.064.

=====
*** Important Notes ***
=====

[Important Notes]

If updating from v3.4.011 or before to this version the raster image
of processed jobs are removed.

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

[Modifications made:]

Rank C

Symptom corrected:

Symptom:

- The logo on the document was not printed with a certain IPDS job.

[Modification history]

Version 3.6.013

Rank C

Symptom corrected:

Symptom:

- Fatal error when receiving the PPML job.
- Fatal error caused by mishandling error event during printing.

Version 3.6.011

Rank C

Symptom corrected:

Symptom:

- Cannot connect to the remote console on the printer Screen.
- Job error(getJobInfo) occurred with certain job.
- Low performance with IPDS job which includes PDF objects.
- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.
- Enabling [IPDS] [Black/Gray reproduction] [Force K] results in very poor performance.
- Incorrect job name displayed when submitting the job through LPR protocol.

Version 3.5.015

Rank C

Symptom corrected:

Symptom:

- Print becomes slow and stops at last with a certain job.
- SC919 occurred with the job whose contents of JDF ticket is too long.
- Enabling [IPDS] [Black/Gray reproduction] [Force K] results in very poor performance.

Version 3.5.011

Rank C

Symptom corrected:

Symptom:

- Fatal error when unsupported banner size media(over 440 mm/Paper weight 8) is tried to add from Media Management Tool.
- Incorrectly count up as full color with B/W pages on the console.

Version 3.4.017

Rank C

Specification changed:

- Change the GUI of "Sample print" button on the printer panel.
- Add new enhancement feature "8B0310_ZERO" that allows disabling to insert blank pages to the back side of simplex pages for the mix-plex job.

Symptom corrected:

Symptom:

- Duplicate paper catalog registration with certain procedures.
- Unable to connect to the remote console from printer panel.
- Fatal error with sample printing.
- Fatal error when printing from Prinect.
- DFE does not boot up with an error after updating from v3.2 or before to v3.3 or later.
- Calibration data is faulty removed
- Tone curves are not applied properly when setting both at a paper catalog and virtual printer.
- SC919 error occurred with particular AFP job.

Version 3.4.011

Rank C

Symptom corrected:

Symptom:

- TotalFlow Prep impositions is not saved to the job.
- Program Check error occurred when pressing ESC key right after operation on the console screen.

Version 3.3.019

Rank C

Symptom corrected:

Symptom:

- Intermittently display Fatal error(Source 5002) when printing.
- IPDS VPA error occurs even if enabling "8B4289" feature.

Version 3.3.017

Rank C

Symptom corrected:

Symptom:

- Manual calibration failed under certain condition.
- Fatal error (Rs1: handleRdlAddItemRc) occurred when printing certain AFP job.

Version 3.3.015

Rank C

Symptom corrected:

Symptom:

- Failed to print a single page job with folding by Plockmatic finisher.
- Fatal Error("More pages have stacked than have been printed") occurred when printing certain AFP job.
- Unnecessary waking up from energy saver mode occurred and it leads breaking the wire of LCT.
- Auto calibration error when updating the existed calibration.

Version 3.3.013

Rank C

Symptom corrected:

Symptom:

- Banner sheets do not print when sending print jobs from TotalFlow BatchBuilder.
- Fatal error("Subsystem 94 (RastIPDSSat1) caught a signal 11") occurred with AFP job using Type 1 font.
- IPDS : x'023C' error occurred when specific GMC fixed font was used.
- Disconnection between DFE and the printer with Energy saver mode.
- Fatal("FreeSerQGet") error occurred during printing.

Version 3.3.011

Rank C

Symptom corrected:

Symptom:

- Extra long paper(770.1-1260mm) assigned to Input tray was not recognized on the DFE after rebooting the printer.

Version 3.2.015

Rank C

Symptom corrected:

Symptom:

- Failed to print test chart from SP menu on the printer.

Version 3.2.013

Rank C

Symptom corrected:

Symptom:

- C014 error occurred after deleting the duplicated paper catalog entry.

=====
*** Basic Information ***
=====

[Create date] 2019/07/26

[Program Name] MICROCODE

[Version] 3.6.002

[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.] M5265057

[File Information]

File Name M5265057.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,426.44 MB (1495725524 byte)

Check Sum -8Bit Sum: D22A

-16Bit Sum(Little Endian): 9B9F

-16Bit Sum(Big Endian): 608B

[Availability of RFU] No

[Production reflection]

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

=====
*** Important Notes ***
=====

[Important Notes]

- Once after updating to this release, reverting to microcode v3.4.xxx or earlier will delete all job records and stored jobs from the DFE.
 - Updating to this release from microcode v3.4.011 or earlier will delete all RIPPed data.
-

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

[Modifications made:]

Rank C

Supported:

- Paper library is supported in line with the new peripherals for the Pro C72xx/Pro C92xx series.

Symptom corrected:

- Fatal error occurs when sample print is specified at every 50 sheets.

[Modification history]

Version 3.6.001

Rank C

Supported:

- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - * Input of device link profile
 - * Output without color conversion
- Supported the RPIP Box S3 to allow connection with third party vendor peripherals.
- Job separator sheets can be inserted after the job when the conditions below are met:
 - * Feature 8B0316 is installed and enabled
- Added the new Side by Side Preview function to allow display of image before and after tone curve correction.
- When the number of copies defined in JDF is in decimal, the system refers to the integer.
- Auto Calibration supports the following new sizes: 12x18, 13x19 and custom.
- Minor change of the Help display.
- The following changes were made for [175 dot halftone]:
 - * Increased the default processing speed.
 - * Print quality is prioritized when enabled 'Feature 8B0315'.

Symptom corrected:

- Error occurs when graphics are positioned beyond the VPA even with Feature 8B4289 enabled.
- Impose settings made in TotalFlow Prep do not work for held jobs.
- The correct number of paper catalog entries may not apply when more than four entries are selected.
- Program check error occurs while editing job properties.
- When tone curve and color corrections are applied to RIPped jobs, the tone curve correction is not applied.
- Updating the calibration data using the Auto Calibration function causes an error.
- Pages are missing from the output when printed jobs that contain corrupted characters from the printer driver. Remote Console does

not indicate any error after the job completes.

- Continuously running face-up mixplex jobs causes to print the first three pages of the job on the wrong side of the sheet.

Version 3.5.001

Rank C

Spec changes:

- In the ImageViewer preview screen, moving the cursor on the RIPPed image displays the CMYK values.
- In Job Spool, job properties can be changed in lump by selecting multiple jobs.
- Settings for preprinted sheets fed from the Interposer can be made on Prinect DFE.
- Output profile associated to the paper catalog entry is prioritized for IPDS printing.

Symptom corrected:

- When an extra long banner sheet is assigned to the bypass tray and the printer power is turned On/Off, the tray assignment setting is invalidated on the DFE.
- Manual calibration using a spectrophotometer results in an error with R-62.
- Printing banner sheets via TotalFlow BatchBuilder may result in an error.
- Saddle-stitching a one-page job with Plockmatic causes a paper jam at a 100% rate.
- Fatal Error occurs, displaying the message 'More pages have stacked than have been printed' when printed a AFP job mixed of stapled and non-stapled pages.
- Printing AFP files with IPDS results in a Fatal Error (Rs1: handleRdlAddItemRc, SM: smC_dispatchMessage).
- Changing the properties of a job RIPPed with microcode 3.2.xx after updating to v3.3 results in a Fatal Error.
- Hard to see whether Sample print function is enabled or not on the printer panel.
- SC919 occurs with specific AFP jobs that contain overlays composed of small text objects.
- Fatal error occurs when printed specific jobs that contain halftone images.

=====
*** Basic Information ***
=====

[Create date] 2020/01/15

[Program Name] MICROCODE

[Version] v3.09.001

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] Exist

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M5265060

[File Information]

File Name M5265060.exe

File Type Module for Service(Over 1GByte File .zip/.exe)

Size 1,430.59 MB (1500082856 byte)

Check Sum -8Bit Sum: 42C1

-16Bit Sum(Little Endian): FDE1

-16Bit Sum(Big Endian): 05E0

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

- Once after updating to this release, reverting to microcode v3.4.xxx or earlier will delete all job records and stored jobs from the DFE.
- Updating to this release from microcode v3.4.011 or earlier will delete all RIPPed data.
- When installing this release, update the mainframe 'animation' firmware to the latest version together as a set, to allow proper

OCP UI display. (It is recommended to also update the firmware for all other engine modules.)

*** Modification History ***

[Modifications made:]

Rank C

Supported:

- Updated APPE (RIP model H) from v4.9 to v5.3.
- For special toner underprint jobs, alert is notified to the DFE and printing stops when the special toner runs out.

Symptom corrected:

- DFE unexpectedly reboots during a job when the color option for the virtual printer is set as follows:
 - Most of the profiles are set as "Pass through"
 - Advanced > Black (text/line art) is set to "Pure black"
- Some transparency mask objects are not printed in IPDS jobs.

[Modification history]

Version 3.08.002

Rank C

Supported:

- Manual calibration of Special toner
- IPDS devicelink profile
- Plockmatic banner sheet LCT

Symptom corrected:

- The console screen does not appear on the printer control panel.
- Fatal error occurs when attempted to run a PPML job that has small objects located toward the edges or has no version tag.
- If the job is suspended while printing the first page of a job, the job resumes by printing the first page again.
- Job does not print completely due to a fault in the plane memory buffer control.

Others:

- Changed the auto calibration printing from face-down to face-up delivery.

Version 3.6.002

Rank C

Supported:

- Paper library is supported in line with the new peripherals for the Pro C72xx/Pro C92xx series.

Symptom corrected:

- Fatal error occurs when sample print is specified at every 50 sheets.

Version 3.6.001

Rank C

Supported:

- Using the install feature RIP Model S, the following is capable via EQUIOS:
 - * Input of device link profile
 - * Output without color conversion
- Supported the RPIP Box S3 to allow connection with third party vendor peripherals.
- Job separator sheets can be inserted after the job when the conditions below are met:
 - * Feature 8B0316 is installed and enabled
- Added the new Side by Side Preview function to allow display of image before and after tone curve correction.
- When the number of copies defined in JDF is in decimal, the system refers to the integer.
- Auto Calibration supports the following new sizes: 12x18, 13x19 and custom.
- Minor change of the Help display.
- The following changes were made for [175 dot halftone]:
 - * Increased the default processing speed.
 - * Print quality is prioritized when enabled 'Feature 8B0315'.

Symptom corrected:

- Error occurs when graphics are positioned beyond the VPA even with Feature 8B4289 enabled.
- Impose settings made in TotalFlow Prep do not work for held jobs.
- The correct number of paper catalog entries may not apply when more than four entries are selected.
- Program check error occurs while editing job properties.
- When tone curve and color corrections are applied to RIPped jobs, the tone curve correction is not applied.
- Updating the calibration data using the Auto Calibration function causes an error.
- Pages are missing from the output when printed jobs that contain corrupted characters from the printer driver. Remote Console does not indicate any error after the job completes.
- Continuously running face-up mixplex jobs causes to print the first three pages of the job on the wrong side of the sheet.

Version 3.5.001

Rank C

Spec changes:

- In the ImageViewer preview screen, moving the cursor on the RIPPed image displays the CMYK values.
- In Job Spool, job properties can be changed in lump by selecting multiple jobs.
- Settings for preprinted sheets fed from the Interposer can be made on Prinect DFE.
- Output profile associated to the paper catalog entry is prioritized for IPDS printing.

Symptom corrected:

- When an extra long banner sheet is assigned to the bypass tray and the printer power is turned On/Off, the tray assignment setting is invalidated on the DFE.
- Manual calibration using a spectrophotometer results in an error with R-62.
- Printing banner sheets via TotalFlow BatchBuilder may result in an error.
- Saddle-stitching a one-page job with Plockmatic causes a paper jam at a 100% rate.
- Fatal Error occurs, displaying the message 'More pages have stacked than have been printed' when printed a AFP job mixed of stapled and non-stapled pages.
- Printing AFP files with IPDS results in a Fatal Error (Rs1: handleRdlAddItemRc, SM: smC_dispatchMessage).
- Changing the properties of a job RIPPed with microcode 3.2.xx after updating to v3.3 results in a Fatal Error.
- Hard to see whether Sample print function is enabled or not on the printer panel.
- SC919 occurs with specific AFP jobs that contain overlays composed of small text objects.
- Fatal error occurs when printed specific jobs that contain halftone images.