

Reissued: 04-Nov-16

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| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | Date: 03-Aug-15 | No.: RM272001e |
|--|-----------------|----------------|

RTB Reissue

The items in ***bold italics*** have been corrected or added.

| | | | |
|--|---|---|---|
| Subject: Firmware Release Note: BOS_1-6/6 | | Prepared by: Y. Okano | |
| From: 1st PP Tech Service Sect., PP Tech Service Dept. | | | |
| Classification: | <input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (Firmware) | <input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 |

This bulletin provides the firmware release information for **BOS_1/6, BOS_2/6, BOS_3/6, BOS_4/6, BOS_5/6, BOS_6/6**.

BOS consists of six separate archive files. Save all six files in the same directory, and then run the exe file to create the iso image file.

| Version | Program No. | Effective Date | Availability of RFU |
|------------------------------------|--|--|-----------------------------|
| <i>123.19.048_v2.02.003</i> | <i>M2735000J_1-6</i> | <i>November 2016 production</i> | <i>Not available</i> |
| 123.14.031_v1.06.004 | M2735000H_1 M2735000H_2 M2735000H_3 M2735000H_4 M2735000H_5 M2735000H_6 | June 2016 production | Not available |
| 123.14.031_v1.05.001 | M2735000G_1 M2735000G_2 M2735000G_3 M2735000G_4 M2735000G_5 M2735000G_6 | May 2016 production | Not available |
| 123.14.031_v1.04.002 | M2735000F_1 M2735000F_2 M2735000F_3 M2735000F_4 M2735000F_5 M2735000F_6 | December 2015 production | Not available |
| 123.14.031_v1.03.003 | M2735000E_1 M2735000E_2 M2735000E_3 M2735000E_4 M2735000E_5 M2735000E_6 | October 2015 production | Not available |
| 123.14.031_v1.02.001 | M2735000D_1 M2735000D_2 M2735000D_3 M2735000D_4 M2735000D_5 M2735000D_6 | 1st Mass production | Not available |

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| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | Date: 03-Aug-15 | No.: RM272001e |
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Note: Definition of Availability of RFU via @Remote
“Available”: The firmware can be updated via RFU or SD card.

“Not available”: The firmware can only be updated via SD card.

BOS

| Version | Modified Points or Symptom Corrected |
|-------------------|--|
| 123.19.048 | 1st Mass production for Microcode v2.xx.xxx |
| 123.14.031 | 1st Mass production |

MICROCODE

| Version | Modified Points or Symptom Corrected |
|------------------|---|
| V2.02.003 | <p>Specification Change:</p> <ol style="list-style-type: none"> GBC punch unit supported on Prinect DFE. Following the release of the new neon yellow toner, "Clear Toner" displayed or specified on the console or the control panel or the driver of R-60A (v2.1.0.0 or later)/R-61A (v1.1.0.0 or later) changes to "Special Toner." <p>Note: Make sure to update the below software as a set. Updating individually will mix up the display of Clear and Special. For more detail about the new special color toner, please refer to RTB RD194151.</p> <ul style="list-style-type: none"> - Engine: v1.19:06 or later - System/Copy (Copier), System (Printer): v 3.10 or later - Web Support: v1.09 or later - OpePanel: v2.06 or later <ol style="list-style-type: none"> Minimum paper size for duplex printing was changed from 210.0mm to 200.0mm. Calibration on the console supported. <p>Symptom Corrected:</p> <ol style="list-style-type: none"> SC919 and SC844-0x may occur when printing large jobs. If a page range is selected from the first page of a PS job, the system remains in 'printing' status even after printing the selected range. Sample print made on SRA3 cannot be fed out to the proof tray. |
| v1.6.004 | <ol style="list-style-type: none"> Fatal Error occurs when a jammed paper is removed in an IPDS job. Submitting a job from Prinect does not recover the engine from energy saver mode (STR). Printing takes longer than expected with jobs sorted Reverse Order/Face-Up. If printing is stopped and then resumed, the number of sheets printed out is incorrect. Horizontal lines contained in the data are not printed, but an error is not displayed. SC919 occurs because an adequate process time is not allocated for the |

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|--|--|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | |
| | <p>module.</p> <ol style="list-style-type: none"> 7. K90% printed in grayscale data is paler than expected, if the following Color settings are set. Color/Black and white: Black and white, Input Profile: Pass through 8. Fatal error occurs, if the Email notification contains a message over 255 bytes. 9. Printing a PDF file with APPE enabled may result in an error, if CPSI is disabled. | | |
| v1.5.001 | <ol style="list-style-type: none"> 1. Updating the microcode causes the calibration data to return to default (Plain Japan). 2. If changes are made to a paper catalog associated to a tray before loading the calibration data, fatal error occurs during calibration. 3. Productivity is low with jobs consisted of 100 pages and printed on heavy weight A3 paper. 4. If tray empty error occurs during sample print and then the tray is loaded with paper, sample print does not resume. 5. If color calibration is performed on a paper weight 6 or heavier, an error message appears indicating that the paper cannot be printed out to the designated output tray and fails to print. 6. On the Prinect model, the DFE appears to be stalling when in "Preprocessing state". 7. When configuring a new preset in the virtual printer job properties, message "Ricoh not loaded" appears. 8. The following message appears, if the DFE and engine is offline and the paper tray setting is changed to banner: "Additional Data: Bad ConfigResult(2) when copying into: manualTrays.paperSize" 9. If a sample print is made during the job from the engine operation panel, an error message appears indicating that there are no pages available for sample print after completing the job. 10. If a hard abort occurs, the DFE cannot be rebooted from the engine operation panel. 11. Part of the image is missing, if printed duplex PS/PDF jobs. 12. SC844-04 or hard abort occurs when attempted to print a job on the Prinect model. 13. On the Prinect model, fatal error occurs when restoring previous print settings from the engine operation panel. 14. Media catalog mismatch error message appears when rebooting. 15. Activation of the DFE stops midway. 16. Deleting a calibration data from the Prinect DFE causes to run a program check. 17. After completing an IPDS job, error page is printed to indicate a jam occurrence even if a jam had not occurred. 18. Fatal error occurs, if a TIFF file is displayed in the preview screen. 19. When running a job consisted of more than 500 pages, the DFE reboots after printing approximately 100 pages followed by a communication error between the DFE and engine. 20. Fatal error occurs, if PDF is printed via hot folder. 21. SC844-04, SC161-06, SC 919-00 (cache memory limit error) occurs after | | |

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|--|--|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | |
| | updating to microcode to v1.4.006. | | |
| v1.4.002 | <ol style="list-style-type: none"> 1. If a PDF job is sent to the Process & Hold or Process & Print queue, the controller runs out of memory after processing about 200k pages followed by a Hard Abort. 2. Associating a paper catalog created on local/remote console to a tray from the engine operation panel causes a Fatal Error. 3. USB connection is not detected, if the USB device is unplugged from a port on the controller and connected to another port on that controller. 4. Creating a banner paper entry in paper catalog for a printer configured without the banner printing option and enabling "2 Sided (duplex)" on the controller causes a Fatal Error. 5. Fatal Error occurs when attempted to recover from a paper mismatch by re-selecting the paper on the engine operation panel and pressing the Resume button. 6. Program check runs, if the controller has been rebooted after making paper tray settings. 7. Printer may stall, if cancelling a PDF job sent to the Print and Store queue. 8. Running a job in the Surface Mode on the HDM model causes a Fatal Error. 9. Printing 85 copies of a 90 page file causes a Fatal Error after making 10 copies. 10. When attempted to make 4762 copies of a job sent from Prinect, the controller stalls after making 436 copies. 11. Printing a PS B&W job from the virtual printer causes a Fatal Error. 12. Printing more than 5 copies in Banner Mode causes a Fatal Error. 13. Offset value defined in the Media Catalog is not honored. 14. The controller reboots, if a jam occurs in the bypass tray. 15. PS error occurs while RIPping, if the PS file contains unsupported commands. 16. For jobs printed from Prinergy, the job file size indicated on the POD is smaller than the actual size. 17. The controller stalls, if attempted to print a calibration page while the engine is asleep. | | |
| v1.3.003 | <ol style="list-style-type: none"> 1. Warning message appears when opening job properties of jobs submitted from Prinergy. 2. SC919 occurs while printing followed by a reboot because the time-out set for communication between the DFE and GW is too short. 3. DFE stalls, if importing ICC color profiles that contain 2-byte characters in the name. 4. DFE may reboot while printing PDF files. (DPM issue) 5. Files RIPped with previous microcode versions can be falsely printed. 6. Support of Windows 10 | | |
| v1.2.003 | <ol style="list-style-type: none"> 1. Changing the time zone in Windows VM enforces two reboots. 2. VM does not activate, if BOS and VM image are reinstalled. 3. Orientation is incorrect on the back side of duplex when imposed. 4. Cannot print 13x19 size jobs. 5. The displayed job size is incorrect for jobs submitted from Prinergy. 6. Error (SC919) occurs while printing followed by a reboot. 7. Importing a color profile that contains 2-byte character in its name causes the DFE to hang. | | |

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| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | | Date: 03-Aug-15 | No.: RM272001e |
|--|--|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | |
| v1.2.002 | 1. The Overprint function does not work properly. 2. Supports the i1 Profiler v1 and i1 Profiler v2 text format data. | | |
| v1.2.001 | 1st Mass production | | |

Reissued: 18-Dec-15

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|--|-----------------|----------------|
| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | Date: 03-Aug-15 | No.: RM272002b |
|--|-----------------|----------------|

RTB Reissue

The items in *bold italics* have been corrected or added.

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|--|---|---|---|
| Subject: Firmware Release Note: BOS_2/6 | | Prepared by: Y. Okano | |
| From: 1st PP Tech Service Sect., PP Tech Service Dept. | | | |
| Classification: | <input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (Firmware) | <input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 |

This bulletin provides the firmware release information for **BOS_2/6**.

BOS consists of six separate archive files. Save all six files in the same directory, and then run the exe file to create the iso image file.

| Version | Program No. | Effective Date | Availability of RFU |
|-----------------------------|--------------------|---------------------------------|----------------------|
| 123.14.031_v1.04.002 | M2735000F_2 | December 2015 production | Not available |
| 123.14.031_v1.03.003 | M2735000E_2 | October 2015 production | Not available |
| 123.14.031_v1.02.001 | M2735000D_2 | 1st Mass production | Not available |

Note: Definition of Availability of RFU via @Remote

“Available”: The firmware can be updated via RFU or SD card.

“Not available”: The firmware can only be updated via SD card.

BOS

| Version | Modified Points or Symptom Corrected |
|------------|--------------------------------------|
| 123.14.031 | 1st Mass production |

MICROCODE

| Version | Modified Points or Symptom Corrected |
|-----------------|--|
| v1.4.002 | <ol style="list-style-type: none"> <i>If a PDF job is sent to the Process & Hold or Process & Print queue, the controller runs out of memory after processing about 200k pages followed by a Hard Abort.</i> <i>Associating a paper catalog created on local/remote console to a tray from the engine operation panel causes a Fatal Error.</i> <i>USB connection is not detected, if the USB device is unplugged from a port on the controller and connected to another port on that controller.</i> <i>Creating a banner paper entry in paper catalog for a printer configured without the banner printing option and enabling "2 Sided (duplex)" on the controller causes a Fatal Error.</i> <i>Fatal Error occurs when attempted to recover from a paper mismatch by re-selecting the paper on the engine operation panel and pressing the Resume button.</i> <i>Program check runs, if the controller has been rebooted after making paper tray settings.</i> <i>Printer may stall, if cancelling a PDF job sent to the Print and</i> |

Reissued: 18-Dec-15

| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | | Date: 03-Aug-15 | No.: RM272002b |
|--|---|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | |
| | <i>Store queue.</i> <i>8. Running a job in the Surface Mode on the HDM model causes a Fatal Error.</i> <i>9. Printing 85 copies of a 90 page file causes a Fatal Error after making 10 copies.</i> <i>10. When attempted to make 4762 copies of a job sent from Prinect, the controller stalls after making 436 copies.</i> <i>11. Printing a PS B&W job from the virtual printer causes a Fatal Error.</i> <i>12. Printing more than 5 copies in Banner Mode causes a Fatal Error.</i> <i>13. Offset value defined in the Media Catalog is not honored.</i> <i>14. The controller reboots, if a jam occurs in the bypass tray.</i> <i>15. PS error occurs while RIPping, if the PS file contains unsupported commands.</i> <i>16. For jobs printed from Prinergy, the job file size indicated on the POD is smaller than the actual size.</i> <i>1. The controller stalls, if attempted to print a calibration page while the engine is asleep.</i> | | |
| v1.3.003 | 1. Warning message appears when opening job properties of jobs submitted from Prinergy. 2. SC919 occurs while printing followed by a reboot because the time-out set for communication between the DFE and GW is too short. 3. DFE stalls, if importing ICC color profiles that contain 2-byte characters in the name. 4. DFE may reboot while printing PDF files. (DPM issue) 5. Files RIPped with previous microcode versions can be falsely printed. 6. Support of Windows 10 | | |
| v1.2.003 | 1. Changing the time zone in Windows VM enforces two reboots. 2. VM does not activate, if BOS and VM image are reinstalled. 3. Orientation is incorrect on the back side of duplex when imposed. 4. Cannot print 13x19 size jobs. 5. The displayed job size is incorrect for jobs submitted from Prinergy. 6. Error (SC919) occurs while printing followed by a reboot. 7. Importing a color profile that contains 2-byte character in its name causes the DFE to hang. | | |
| v1.2.002 | 1. The Overprint function does not work properly. 2. Supports the i1 Profiler v1 and i1 Profiler v2 text format data. | | |
| v1.2.001 | 1st Mass production | | |

Reissued: 18-Dec-15

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|--|-----------------|----------------|
| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | Date: 03-Aug-15 | No.: RM272003b |
|--|-----------------|----------------|

RTB Reissue

The items in **bold italics** have been corrected or added.

| | | | |
|--|---|---|---|
| Subject: Firmware Release Note: BOS_3/6 | | Prepared by: Y. Okano | |
| From: 1st PP Tech Service Sect., PP Tech Service Dept. | | | |
| Classification: | <input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (Firmware) | <input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 |

This bulletin provides the firmware release information for **BOS_3/6**.

BOS consists of six separate archive files. Save all six files in the same directory, and then run the exe file to create the iso image file.

| Version | Program No. | Effective Date | Availability of RFU |
|------------------------------------|---------------------------|--|-----------------------------|
| <i>123.14.031 v1.04.002</i> | <i>M2735000F_3</i> | <i>December 2015 production</i> | <i>Not available</i> |
| 123.14.031 v1.03.003 | M2735000E_3 | October 2015 production | Not available |
| 123.14.031 v1.02.001 | M2735000D_3 | 1st Mass production | Not available |

Note: Definition of Availability of RFU via @Remote
“Available”: The firmware can be updated via RFU or SD card.

“Not available”: The firmware can only be updated via SD card.

BOS

| Version | Modified Points or Symptom Corrected |
|------------|--------------------------------------|
| 123.14.031 | 1st Mass production |

MICROCODE

| Version | Modified Points or Symptom Corrected |
|------------------------|---|
| <i>v1.4.002</i> | <ol style="list-style-type: none"> <i>If a PDF job is sent to the Process & Hold or Process & Print queue, the controller runs out of memory after processing about 200k pages followed by a Hard Abort.</i> <i>Associating a paper catalog created on local/remote console to a tray from the engine operation panel causes a Fatal Error.</i> <i>USB connection is not detected, if the USB device is unplugged from a port on the controller and connected to another port on that controller.</i> <i>Creating a banner paper entry in paper catalog for a printer configured without the banner printing option and enabling "2 Sided (duplex)" on the controller causes a Fatal Error.</i> <i>Fatal Error occurs when attempted to recover from a paper mismatch by re-selecting the paper on the engine operation panel and pressing the Resume button.</i> <i>Program check runs, if the controller has been rebooted after making paper tray settings.</i> <i>Printer may stall, if cancelling a PDF job sent to the Print and Store queue.</i> |

Reissued: 18-Dec-15

| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | | Date: 03-Aug-15 | No.: RM272003b |
|--|--|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | |
| | <ol style="list-style-type: none"> 8. <i>Running a job in the Surface Mode on the HDM model causes a Fatal Error.</i> 9. <i>Printing 85 copies of a 90 page file causes a Fatal Error after making 10 copies.</i> 10. <i>When attempted to make 4762 copies of a job sent from Prinect, the controller stalls after making 436 copies.</i> 11. <i>Printing a PS B&W job from the virtual printer causes a Fatal Error.</i> 12. <i>Printing more than 5 copies in Banner Mode causes a Fatal Error.</i> 13. <i>Offset value defined in the Media Catalog is not honored.</i> 14. <i>The controller reboots, if a jam occurs in the bypass tray.</i> 15. <i>PS error occurs while RIPping, if the PS file contains unsupported commands.</i> 16. <i>For jobs printed from Prinergy, the job file size indicated on the POD is smaller than the actual size.</i> 17. <i>The controller stalls, if attempted to print a calibration page while the engine is asleep.</i> | | |
| v1.3.003 | <ol style="list-style-type: none"> 1. Warning message appears when opening job properties of jobs submitted from Prinergy. 2. SC919 occurs while printing followed by a reboot because the time-out set for communication between the DFE and GW is too short. 3. DFE stalls, if importing ICC color profiles that contain 2-byte characters in the name. 4. DFE may reboot while printing PDF files. (DPM issue) 5. Files RIPped with previous microcode versions can be falsely printed. 6. Support of Windows 10 | | |
| v1.2.003 | <ol style="list-style-type: none"> 1. Changing the time zone in Windows VM enforces two reboots. 2. VM does not activate, if BOS and VM image are reinstalled. 3. Orientation is incorrect on the back side of duplex when imposed. 4. Cannot print 13x19 size jobs. 5. The displayed job size is incorrect for jobs submitted from Prinergy. 6. Error (SC919) occurs while printing followed by a reboot. 7. Importing a color profile that contains 2-byte character in its name causes the DFE to hang. | | |
| v1.2.002 | <ol style="list-style-type: none"> 1. The Overprint function does not work properly. 2. Supports the i1 Profiler v1 and i1 Profiler v2 text format data. | | |
| v1.2.001 | 1st Mass production | | |

Reissued: 18-Dec-15

| | | |
|--|-----------------|----------------|
| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | Date: 03-Aug-15 | No.: RM272004b |
|--|-----------------|----------------|

RTB Reissue

The items in ***bold italics*** have been corrected or added.

| | | | |
|--|---|---|---|
| Subject: Firmware Release Note: BOS_4/6 | | Prepared by: T.Satoh and Y.Lim | |
| From: 1st PP Tech Service Sect., PP Tech Service Dept. | | | |
| Classification: | <input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (Firmware) | <input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 |

This bulletin provides the firmware release information for **BOS_4/6**.

BOS consists of six separate archive files. Save all six files in the same directory, and then run the exe file to create the iso image file.

| Version | Program No. | Effective Date | Availability of RFU |
|------------------------------------|---------------------------|--|-----------------------------|
| <i>123.14.031_v1.04.002</i> | <i>M2735000F_4</i> | <i>December 2015 production</i> | <i>Not available</i> |
| 123.14.031_v1.03.003 | M2735000E_4 | October 2015 production | Not available |
| 123.14.031_v1.02.001 | M2735000D_4 | 1st Mass production | Not available |

Note: Definition of Availability of RFU via @Remote

“Available”: The firmware can be updated via RFU or SD card.

“Not available”: The firmware can only be updated via SD card.

BOS

| Version | Modified Points or Symptom Corrected |
|------------|--------------------------------------|
| 123.14.031 | 1st Mass production |

MICROCODE

| Version | Modified Points or Symptom Corrected |
|------------------------|---|
| <i>v1.4.002</i> | <ol style="list-style-type: none"> <i>If a PDF job is sent to the Process & Hold or Process & Print queue, the controller runs out of memory after processing about 200k pages followed by a Hard Abort.</i> <i>Associating a paper catalog created on local/remote console to a tray from the engine operation panel causes a Fatal Error.</i> <i>USB connection is not detected, if the USB device is unplugged from a port on the controller and connected to another port on that controller.</i> <i>Creating a banner paper entry in paper catalog for a printer configured without the banner printing option and enabling "2 Sided (duplex)" on the controller causes a Fatal Error.</i> <i>Fatal Error occurs when attempted to recover from a paper mismatch by re-selecting the paper on the engine operation panel and pressing the Resume button.</i> <i>Program check runs, if the controller has been rebooted after making paper tray settings.</i> <i>Printer may stall, if cancelling a PDF job sent to the Print and Store queue.</i> |

Reissued: 18-Dec-15

| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | | Date: 03-Aug-15 | No.: RM272004b |
|--|--|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | |
| | <ol style="list-style-type: none"> 8. <i>Running a job in the Surface Mode on the HDM model causes a Fatal Error.</i> 9. <i>Printing 85 copies of a 90 page file causes a Fatal Error after making 10 copies.</i> 10. <i>When attempted to make 4762 copies of a job sent from Prinect, the controller stalls after making 436 copies.</i> 11. <i>Printing a PS B&W job from the virtual printer causes a Fatal Error.</i> 12. <i>Printing more than 5 copies in Banner Mode causes a Fatal Error.</i> 13. <i>Offset value defined in the Media Catalog is not honored.</i> 14. <i>The controller reboots, if a jam occurs in the bypass tray.</i> 15. <i>PS error occurs while RIPping, if the PS file contains unsupported commands.</i> 16. <i>For jobs printed from Prinergy, the job file size indicated on the POD is smaller than the actual size.</i> 17. <i>The controller stalls, if attempted to print a calibration page while the engine is asleep.</i> | | |
| v1.3.003 | <ol style="list-style-type: none"> 1. Warning message appears when opening job properties of jobs submitted from Prinergy. 2. SC919 occurs while printing followed by a reboot because the time-out set for communication between the DFE and GW is too short. 3. DFE stalls, if importing ICC color profiles that contain 2-byte characters in the name. 4. DFE may reboot while printing PDF files. (DPM issue) 5. Files RIPped with previous microcode versions can be falsely printed. 6. Support of Windows 10 | | |
| v1.2.003 | <ol style="list-style-type: none"> 1. Changing the time zone in Windows VM enforces two reboots. 2. VM does not activate, if BOS and VM image are reinstalled. 3. Orientation is incorrect on the back side of duplex when imposed. 4. Cannot print 13x19 size jobs. 5. The displayed job size is incorrect for jobs submitted from Prinergy. 6. Error (SC919) occurs while printing followed by a reboot. 7. Importing a color profile that contains 2-byte character in its name causes the DFE to hang. | | |
| v1.2.002 | <ol style="list-style-type: none"> 1. The Overprint function does not work properly. 2. Supports the i1 Profiler v1 and i1 Profiler v2 text format data. | | |
| v1.2.001 | 1st Mass production | | |

Reissued: 18-Dec-15

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|--|-----------------|----------------|
| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | Date: 03-Aug-15 | No.: RM272005b |
|--|-----------------|----------------|

RTB Reissue

The items in ***bold italics*** have been corrected or added.

| | | | |
|--|---|---|---|
| Subject: Firmware Release Note: BOS_5/6 | | Prepared by: Y. Okano | |
| From: 1st PP Tech Service Sect., PP Tech Service Dept. | | | |
| Classification: | <input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (Firmware) | <input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 |

This bulletin provides the firmware release information for **BOS_5/6**.

BOS consists of six separate archive files. Save all six files in the same directory, and then run the exe file to create the iso image file.

| Version | Program No. | Effective Date | Availability of RFU |
|------------------------------------|---------------------------|--|-----------------------------|
| <i>123.14.031_v1.04.002</i> | <i>M2735000F_5</i> | <i>December 2015 production</i> | <i>Not available</i> |
| 123.14.031_v1.03.003 | M2735000E_5 | October 2015 production | Not available |
| 123.14.031_v1.02.001 | M2735000D_5 | 1st Mass production | Not available |

Note: Definition of Availability of RFU via @Remote

“Available”: The firmware can be updated via RFU or SD card.

“Not available”: The firmware can only be updated via SD card.

BOS

| Version | Modified Points or Symptom Corrected |
|------------|--------------------------------------|
| 123.14.031 | 1st Mass production |

MICROCODE

| Version | Modified Points or Symptom Corrected |
|------------------------|---|
| <i>v1.4.002</i> | <ol style="list-style-type: none"> <i>If a PDF job is sent to the Process & Hold or Process & Print queue, the controller runs out of memory after processing about 200k pages followed by a Hard Abort.</i> <i>Associating a paper catalog created on local/remote console to a tray from the engine operation panel causes a Fatal Error.</i> <i>USB connection is not detected, if the USB device is unplugged from a port on the controller and connected to another port on that controller.</i> <i>Creating a banner paper entry in paper catalog for a printer configured without the banner printing option and enabling "2 Sided (duplex)" on the controller causes a Fatal Error.</i> <i>Fatal Error occurs when attempted to recover from a paper mismatch by re-selecting the paper on the engine operation panel and pressing the Resume button.</i> <i>Program check runs, if the controller has been rebooted after making paper tray settings.</i> <i>Printer may stall, if cancelling a PDF job sent to the Print and Store queue.</i> |

Reissued: 18-Dec-15

| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | | Date: 03-Aug-15 | No.: RM272005b |
|--|--|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | |
| | <ol style="list-style-type: none"> 8. <i>Running a job in the Surface Mode on the HDM model causes a Fatal Error.</i> 9. <i>Printing 85 copies of a 90 page file causes a Fatal Error after making 10 copies.</i> 10. <i>When attempted to make 4762 copies of a job sent from Prinect, the controller stalls after making 436 copies.</i> 11. <i>Printing a PS B&W job from the virtual printer causes a Fatal Error.</i> 12. <i>Printing more than 5 copies in Banner Mode causes a Fatal Error.</i> 13. <i>Offset value defined in the Media Catalog is not honored.</i> 14. <i>The controller reboots, if a jam occurs in the bypass tray.</i> 15. <i>PS error occurs while RIPping, if the PS file contains unsupported commands.</i> 16. <i>For jobs printed from Prinergy, the job file size indicated on the POD is smaller than the actual size.</i> 17. <i>The controller stalls, if attempted to print a calibration page while the engine is asleep.</i> | | |
| v1.3.003 | <ol style="list-style-type: none"> 1. Warning message appears when opening job properties of jobs submitted from Prinergy. 2. SC919 occurs while printing followed by a reboot because the time-out set for communication between the DFE and GW is too short. 3. DFE stalls, if importing ICC color profiles that contain 2-byte characters in the name. 4. DFE may reboot while printing PDF files. (DPM issue) 5. Files RIPped with previous microcode versions can be falsely printed. 6. Support of Windows 10 | | |
| v1.2.003 | <ol style="list-style-type: none"> 1. Changing the time zone in Windows VM enforces two reboots. 2. VM does not activate, if BOS and VM image are reinstalled. 3. Orientation is incorrect on the back side of duplex when imposed. 4. Cannot print 13x19 size jobs. 5. The displayed job size is incorrect for jobs submitted from Prinergy. 6. Error (SC919) occurs while printing followed by a reboot. 7. Importing a color profile that contains 2-byte character in its name causes the DFE to hang. | | |
| v1.2.002 | <ol style="list-style-type: none"> 1. The Overprint function does not work properly. 2. Supports the i1 Profiler v1 and i1 Profiler v2 text format data. | | |
| v1.2.001 | 1st Mass production | | |

Reissued: 18-Dec-15

| | | |
|--|-----------------|----------------|
| Model: Leo-C1/P1(TotalFlow Print Server R-60A),Andromeda-P1(TotalFlow Print Server R-60) | Date: 03-Aug-15 | No.: RM272006b |
|--|-----------------|----------------|

RTB Reissue

The items in ***bold italics*** have been corrected or added.

| | | | |
|--|---|---|---|
| Subject: Firmware Release Note: BOS_6/6 | | Prepared by: Y. Okano | |
| From: 1st PP Tech Service Sect., PP Tech Service Dept. | | | |
| Classification: | <input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (Firmware) | <input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 |

This bulletin provides the firmware release information for **BOS_6/6**.

BOS consists of six separate archive files. Save all six files in the same directory, and then run the exe file to create the iso image file.

| Version | Program No. | Effective Date | Availability of RFU |
|------------------------------------|---------------------------|--|-----------------------------|
| <i>123.14.031_v1.04.002</i> | <i>M2735000F_6</i> | <i>December 2015 production</i> | <i>Not available</i> |
| 123.14.031_v1.03.003 | M2735000E_6 | October 2015 production | Not available |
| 123.14.031_v1.02.001 | M2735000D_6 | 1st Mass production | Not available |

Note: Definition of Availability of RFU via @Remote

“Available”: The firmware can be updated via RFU or SD card.

“Not available”: The firmware can only be updated via SD card.

BOS

| Version | Modified Points or Symptom Corrected |
|------------|--------------------------------------|
| 123.14.031 | 1st Mass production |

MICROCODE

| Version | Modified Points or Symptom Corrected |
|------------------------|---|
| <i>v1.4.002</i> | <ol style="list-style-type: none"> <i>1. If a PDF job is sent to the Process & Hold or Process & Print queue, the controller runs out of memory after processing about 200k pages followed by a Hard Abort.</i> <i>2. Associating a paper catalog created on local/remote console to a tray from the engine operation panel causes a Fatal Error.</i> <i>3. USB connection is not detected, if the USB device is unplugged from a port on the controller and connected to another port on that controller.</i> <i>4. Creating a banner paper entry in paper catalog for a printer configured without the banner printing option and enabling "2 Sided (duplex)" on the controller causes a Fatal Error.</i> <i>5. Fatal Error occurs when attempted to recover from a paper mismatch by re-selecting the paper on the engine operation panel and pressing the Resume button.</i> <i>6. Program check runs, if the controller has been rebooted after making paper tray settings.</i> <i>7. Printer may stall, if cancelling a PDF job sent to the Print and</i> |

Reissued: 18-Dec-15

| Model: Leo-C1/P1(TotalFlow Print Server R-60A),Andromeda-P1(TotalFlow Print Server R-60) | | Date: 03-Aug-15 | No.: RM272006b |
|--|--|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | |
| | <p><i>Store queue.</i></p> <p>8. Running a job in the Surface Mode on the HDM model causes a Fatal Error.</p> <p>9. Printing 85 copies of a 90 page file causes a Fatal Error after making 10 copies.</p> <p>10. When attempted to make 4762 copies of a job sent from Prinect, the controller stalls after making 436 copies.</p> <p>11. Printing a PS B&W job from the virtual printer causes a Fatal Error.</p> <p>12. Printing more than 5 copies in Banner Mode causes a Fatal Error.</p> <p>13. Offset value defined in the Media Catalog is not honored.</p> <p>14. The controller reboots, if a jam occurs in the bypass tray.</p> <p>15. PS error occurs while RIPping, if the PS file contains unsupported commands.</p> <p>16. For jobs printed from Prinergy, the job file size indicated on the POD is smaller than the actual size.</p> <p>17. The controller stalls, if attempted to print a calibration page while the engine is asleep.</p> | | |
| v1.3.003 | <p>1. Warning message appears when opening job properties of jobs submitted from Prinergy.</p> <p>2. SC919 occurs while printing followed by a reboot because the time-out set for communication between the DFE and GW is too short.</p> <p>3. DFE stalls, if importing ICC color profiles that contain 2-byte characters in the name.</p> <p>4. DFE may reboot while printing PDF files. (DPM issue)</p> <p>5. Files RIPped with previous microcode versions can be falsely printed.</p> <p>6. Support of Windows 10</p> | | |
| v1.2.003 | <p>1. Changing the time zone in Windows VM enforces two reboots.</p> <p>2. VM does not activate, if BOS and VM image are reinstalled.</p> <p>3. Orientation is incorrect on the back side of duplex when imposed.</p> <p>4. Cannot print 13x19 size jobs.</p> <p>5. The displayed job size is incorrect for jobs submitted from Prinergy.</p> <p>6. Error (SC919) occurs while printing followed by a reboot.</p> <p>7. Importing a color profile that contains 2-byte character in its name causes the DFE to hang.</p> | | |
| v1.2.002 | <p>1. The Overprint function does not work properly.</p> <p>1. 2. Supports the i1 Profiler v1 and i1 Profiler v2 text format data.</p> | | |
| v1.2.001 | 1st Mass production | | |

Reissued: 04-Nov-16

| | | |
|--|-----------------|----------------|
| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | Date: 03-Aug-15 | No.: RM272007g |
|--|-----------------|----------------|

RTB Reissue

The items in ***bold italics*** have been corrected or added.

| | | | |
|--|---|---|---|
| Subject: Firmware Release Note: MICROCODE | | Prepared by: Y. Okano | |
| From: 1st PP Tech Service Sect., PP Tech Service Dept. | | | |
| Classification: | <input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (Firmware) | <input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 |

This bulletin provides the firmware release information for the **MICROCODE**.

This firmware is included in **BOS (v123.19.048_v2.02.003)**, and therefore, is unneeded if the **BOS** is installed on the DFE.

| Version | Program No. | Effective Date | Availability of RFU |
|------------------|-------------------|---------------------------------|----------------------|
| V2.02.003 | M2735010 | November 2016 production | Not available |
| V1.6.004 | M2735009 | June 2016 production | Not available |
| V1.5.001 | M2735008 | May 2016 production | Not available |
| V1.4.002 | M2735007_PR104002 | November 2015 production | Not available |
| V1.3.003 | M2735006 | October 2015 production | Not available |
| V1.2.003 | M2735005 | September 2015 production | Not available |
| V1.2.002 | M2735004 | September 2015 production | Not available |
| v1.2.001 | M2735003 | 1st Mass production | Not available |

Note: Definition of Availability of RFU via @Remote
"Available": The firmware can be updated via RFU or SD card.

"Not available": The firmware can only be updated via SD card.

| Version | Modified Points or Symptom Corrected |
|------------------|--|
| v2.02.003 | <p><i>Specification Change:</i></p> <ol style="list-style-type: none"> <i>GBC punch unit supported on Prinect DFE.</i> <i>Following the release of the new neon yellow toner, "Clear Toner" displayed or specified on the console or the control panel or the driver of R-60A (v2.1.0.0 or later)/R-61A (v1.1.0.0 or later) changes to "Special Toner."</i> <p><i>Note:</i> <i>Make sure to update the below software as a set. Updating individually will mix up the display of Clear and Special.</i> <i>For more detail about the new special color toner, please refer to RTB RD194151.</i> <i>- Engine: v1.19.06 or later</i> <i>- System/Copy (Copier), System (Printer): v 3.10 or later</i> <i>- Web Support: v1.09 or later</i> <i>- OpePanel: v2.06 or later</i></p> <ol style="list-style-type: none"> <i>Minimum paper size for duplex printing was changed from 210.0mm to 200.0mm.</i> |

Reissued: 04-Nov-16

| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | | | Date: 03-Aug-15 | No.: RM272007g |
|--|---|--|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | | |
| | 4. Calibration on the console supported. Symptom Corrected : 1. SC919 and SC844-0x may occur when printing large jobs. 2. If a page range is selected from the first page of a PS job, the system remains in 'printing' status even after printing the selected range. 3. Sample print made on SRA3 cannot be fed out to the proof tray. | | | |
| v1.6.004 | 1. Fatal Error occurs when a jammed paper is removed in an IPDS job. 2. Submitting a job from Prinect does not recover the engine from energy saver mode (STR). 3. Printing takes longer than expected with jobs sorted Reverse Order/Face-Up. 4. If printing is stopped and then resumed, the number of sheets printed out is incorrect. 5. Horizontal lines contained in the data are not printed, but an error is not displayed. 6. SC919 occurs because an adequate process time is not allocated for the module. 7. K90% printed in grayscale data is paler than expected, if the following Color settings are set. Color/Black and white: Black and white, Input Profile: Pass through 8. Fatal error occurs, if the Email notification contains a message over 255 bytes. 9. Printing a PDF file with APPE enabled may result in an error, if CPSI is disabled. | | | |
| v1.5.001 | 1. Updating the microcode causes the calibration data to return to default (Plain Japan). 2. If changes are made to a paper catalog associated to a tray before loading the calibration data, fatal error occurs during calibration. 3. Productivity is low with jobs consisted of 100 pages and printed on heavy weight A3 paper. 4. If tray empty error occurs during sample print and then the tray is loaded with paper, sample print does not resume. 5. If color calibration is performed on a paper weight 6 or heavier, an error message appears indicating that the paper cannot be printed out to the designated output tray and fails to print. 6. On the Prinect model, the DFE appears to be stalling when in "Preprocessing state". 7. When configuring a new preset in the virtual printer job properties, message "Ricoh not loaded" appears. 8. The following message appears, if the DFE and engine is offline and the paper tray setting is changed to banner: "Additional Data: Bad ConfigResult(2) when copying into: manualTrays.paperSize" 9. If a sample print is made during the job from the engine operation panel, an error message appears indicating that there are no pages available for sample print after completing the job. 10. If a hard abort occurs, the DFE cannot be rebooted from the engine | | | |

Reissued: 04-Nov-16

| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | | | Date: 03-Aug-15 | No.: RM272007g |
|--|---|--|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | | |
| | <p>operation panel.</p> <ol style="list-style-type: none"> 11. Part of the image is missing, if printed duplex PS/PDF jobs. 12. SC844-04 or hard abort occurs when attempted to print a job on the Prinect model. 13. On the Prinect model, fatal error occurs when restoring previous print settings from the engine operation panel. 14. Media catalog mismatch error message appears when rebooting. 15. Activation of the DFE stops midway. 16. Deleting a calibration data from the Prinect DFE causes to run a program check. 17. After completing an IPDS job, error page is printed to indicate a jam occurrence even if a jam had not occurred. 18. Fatal error occurs, if a TIFF file is displayed in the preview screen. 19. When running a job consisted of more than 500 pages, the DFE reboots after printing approximately 100 pages followed by a communication error between the DFE and engine. 20. Fatal error occurs, if PDF is printed via hot folder. 21. SC844-04, SC161-06, SC 919-00 (cache memory limit error) occurs after updating to microcode to v1.4.006. | | | |
| v1.4.002 | <ol style="list-style-type: none"> 1. If a PDF job is sent to the Process & Hold or Process & Print queue, the controller runs out of memory after processing about 200k pages followed by a Hard Abort. 2. Associating a paper catalog created on local/remote console to a tray from the engine operation panel causes a Fatal Error. 3. USB connection is not detected, if the USB device is unplugged from a port on the controller and connected to another port on that controller. 4. Creating a banner paper entry in paper catalog for a printer configured without the banner printing option and enabling "2 Sided (duplex)" on the controller causes a Fatal Error. 5. Fatal Error occurs when attempted to recover from a paper mismatch by re-selecting the paper on the engine operation panel and pressing the Resume button. 6. Program check runs, if the controller has been rebooted after making paper tray settings. 7. Printer may stall, if cancelling a PDF job sent to the Print and Store queue. 8. Running a job in the Surface Mode on the HDM model causes a Fatal Error. 9. Printing 85 copies of a 90 page file causes a Fatal Error after making 10 copies. 10. When attempted to make 4762 copies of a job sent from Prinect, the controller stalls after making 436 copies. 11. Printing a PS B&W job from the virtual printer causes a Fatal Error. 12. Printing more than 5 copies in Banner Mode causes a Fatal Error. 13. Offset value defined in the Media Catalog is not honored. 14. The controller reboots, if a jam occurs in the bypass tray. 15. PS error occurs while RIPping, if the PS file contains unsupported commands. 16. For jobs printed from Prinergy, the job file size indicated on the POD is | | | |

Reissued: 04-Nov-16

| Model: Leo-C1/P1(TotalFlow Print Server R-60A), Andromeda-P1(TotalFlow Print Server R-60) | | |
|--|---|-----------------------|
| Date: 03-Aug-15 | | No.: RM272007g |
| Version | Modified Points or Symptom Corrected | |
| | smaller than the actual size. 17. The controller stalls, if attempted to print a calibration page while the engine is asleep. | |
| v1.3.003 | 1. Warning message appears when opening job properties of jobs submitted from Prinergy. 2. SC919 occurs while printing followed by a reboot because the time-out set for communication between the DFE and GW is too short. 3. DFE stalls, if importing ICC color profiles that contain 2-byte characters in the name. 4. DFE may reboot while printing PDF files. (DPM issue) 5. Files RIPped with previous microcode versions can be falsely printed. 6. Support of Windows 10 | |
| v1.2.003 | 1. Changing the time zone in Windows VM enforces two reboots. 2. VM does not activate, if BOS and VM image are reinstalled. 3. Orientation is incorrect on the back side of duplex when imposed. 4. Cannot print 13x19 size jobs. 5. The displayed job size is incorrect for jobs submitted from Prinergy. 6. Error (SC919) occurs while printing followed by a reboot. 7. Importing a color profile that contains 2-byte character in its name causes the DFE to hang. | |
| v1.2.002 | 1. The Overprint function does not work properly. 2. Supports the i1 Profiler v1 and i1 Profiler v2 text format data. | |
| v1.2.001 | 1st Mass production | |

Reissued: 04-Nov-16

| | | |
|---|-----------------|----------------|
| Model: Leo-C1/P1(Prinect DFE for C7100 series), Andromeda-P1(Prinect DFE for C9100 series) | Date: 15-Jul-16 | No.: RM272008a |
|---|-----------------|----------------|

RTB Reissue

The items in ***bold italics*** have been corrected or added.

| | | | |
|--|---|---|---|
| Subject: Firmware Release Note: BOS_1-6/6 | | Prepared by: Y. Okano | |
| From: 1st PP Tech Service Sect., PP Tech Service Dept. | | | |
| Classification: | <input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (Firmware) | <input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 |

This bulletin provides the firmware release information for **BOS_1/6, BOS_2/6, BOS_3/6, BOS_4/6, BOS_5/6, BOS_6/6**.

BOS consists of six separate archive files. Save all six files in the same directory, and then run the exe file to create the iso image file.

| Version | Program No. | Effective Date | Availability of RFU |
|------------------------------------|--|--|-----------------------------|
| <i>123.19.048_v2.02.003</i> | <i>M2735000J_HD_1-6</i> | <i>November 2016 production</i> | <i>Not available</i> |
| 123.14.031_v1.06.004 | M2735000H_HD_1 M2735000H_HD_2 M2735000H_HD_3 M2735000H_HD_4 M2735000H_HD_5 M2735000H_HD_6 | 1st Mass production | Not available |

Note: Definition of Availability of RFU via @Remote

“Available”: The firmware can be updated via RFU or SD card.

“Not available”: The firmware can only be updated via SD card.

BOS

| Version | Modified Points or Symptom Corrected |
|--------------------------|---|
| <i>123.19.048</i> | <i>1st Mass production for Microcode v2.xx.xxx</i> |
| 123.14.031 | 1st Mass production |

MICROCODE

| Version | Modified Points or Symptom Corrected |
|-------------------------|---|
| <i>V2.02.003</i> | <p><i>Specification Change:</i></p> <ol style="list-style-type: none"> <i>GBC punch unit supported on Prinect DFE.</i> <i>Following the release of the new neon yellow toner, "Clear Toner" displayed or specified on the console or the control panel or the driver of R-60A (v2.1.0.0 or later)/R-61A (v1.1.0.0 or later) changes to "Special Toner."</i> <p><i>Note:</i> <i>Make sure to update the below software as a set. Updating individually will mix up the display of Clear and Special.</i></p> |

Reissued: 04-Nov-16

| Model: Leo-C1/P1(Prinect DFE for C7100 series), Andromeda-P1(Prinect DFE for C9100 series) | | Date: 15-Jul-16 | No.: RM272008a |
|---|---|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | |
| | <p><i>For more detail about the new special color toner, please refer to RTB RD194151.</i></p> <ul style="list-style-type: none"> - Engine: v1.19:06 or later - System/Copy (Copier), System (Printer): v 3.10 or later - Web Support: v1.09 or later - OpePanel: v2.06 or later <p>3. <i>Minimum paper size for duplex printing was changed from 210.0mm to 200.0mm.</i></p> <p>4. <i>Calibration on the console supported.</i></p> <p>Symptom Corrected :</p> <ol style="list-style-type: none"> 1. <i>SC919 and SC844-0x may occur when printing large jobs.</i> 2. <i>If a page range is selected from the first page of a PS job, the system remains in 'printing' status even after printing the selected range.</i> 3. <i>Sample print made on SRA3 cannot be fed out to the proof tray.</i> | | |
| v1.6.004 | 1st Mass production | | |

Reissued: 04-Nov-16

| | | |
|---|-----------------|----------------|
| Model: Leo-C1/P1(Prinect DFE for C7100 series), Andromeda-P1(Prinect DFE for C9100 series) | Date: 15-Jul-16 | No.: RM272009a |
|---|-----------------|----------------|

RTB Reissue

The items in ***bold italics*** have been corrected or added.

| | | | |
|--|---|---|---|
| Subject: Firmware Release Note: MICROCODE | | Prepared by: Y. Okano | |
| From: 1st PP Tech Service Sect., PP Tech Service Dept. | | | |
| Classification: | <input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (Firmware) | <input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 |

This bulletin provides the firmware release information for the **MICROCODE**.

This firmware is included in **BOS (v123.19.048_v2.02.003)**, and therefore, is unneeded if the **BOS** is installed on the DFE.

| Version | Program No. | Effective Date | Availability of RFU |
|------------------|---------------------|---------------------------------|----------------------|
| v2.02.003 | M2735010_HDM | November 2016 production | Not available |
| v1.6.004 | M2735009_HD106004_S | 1st Mass production | Not available |

Note: Definition of Availability of RFU via @Remote
"Available": The firmware can be updated via RFU or SD card.

"Not available": The firmware can only be updated via SD card.

| Version | Modified Points or Symptom Corrected |
|------------------|---|
| v2.02.003 | <p><i>Specification Change:</i></p> <ol style="list-style-type: none"> <i>GBC punch unit supported on Prinect DFE.</i> <i>Following the release of the new neon yellow toner, "Clear Toner" displayed or specified on the console or the control panel or the driver of R-60A (v2.1.0.0 or later)/R-61A (v1.1.0.0 or later) changes to "Special Toner."</i> <p><i>Note:</i> <i>Make sure to update the below software as a set. Updating individually will mix up the display of Clear and Special.</i> <i>For more detail about the new special color toner, please refer to RTB RD194151.</i> <i>- Engine: v1.19.06 or later</i> <i>- System/Copy (Copier), System (Printer): v 3.10 or later</i> <i>- Web Support: v1.09 or later</i> <i>- OpePanel: v2.06 or later</i></p> <ol style="list-style-type: none"> <i>Minimum paper size for duplex printing was changed from 210.0mm to 200.0mm.</i> <i>Calibration on the console supported.</i> <p><i>Symptom Corrected:</i></p> <ol style="list-style-type: none"> <i>SC919 and SC844-0x may occur when printing large jobs.</i> <i>If a page range is selected from the first page of a PS job, the system</i> |

Reissued: 04-Nov-16

| Model: Leo-C1/P1(Prinect DFE for C7100 series), Andromeda-P1(Prinect DFE for C9100 series) | | Date: 15-Jul-16 | No.: RM272009a |
|---|---|-----------------|----------------|
| Version | Modified Points or Symptom Corrected | | |
| | <i>remains in 'printing' status even after printing the selected range.</i> | | |
| | 3. Sample print made on SRA3 cannot be fed out to the proof tray. | | |
| v1.6.004 | 1st Mass production | | |

| | | | |
|---|--|---|--|
| Model: Aldebaran | | Date: 3-Jul-17 | No.: RM272010 |
| Subject: Security concern through the IPMI feature. | | Prepared by: Hiroshi Wada | |
| From: PPCS Sect, PP Field Quality Management Dept. | | | |
| Classification: | <input checked="" type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other () | <input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5 |

SYMPTOM

Job properties and preview images for print jobs stored in the print server may be accessible from a terminal outside the customer's LAN.

Affected models: Ricoh model (R-60/R-60A) only.

**Leo-C1/P1 (TotalFlow Print Server R-60A),
Andromeda-P1 (TotalFlow Print Server R-60)**

CAUSE

By default, it's possible to access the local console screen through the motherboard's **IPMI** (Intelligent Platform Management Interface) feature without authentication. As a result, an external access point can use this feature to access this screen via the LAN.

Note:

- This local console screen is normally displayed using the R-60/R-60A's onboard video board.
- This does not occur on the Heidelberg Model (Prinect DFE) because this model uses an additional video board for Windows VM, and the local console is disabled. As a result, the screen for this additional video board cannot be displayed using the IPMI feature.

SOLUTION

Production line

Mass production of R-60/R-60A has been terminated.

In the field

Do the **PROCEDURE** below to prevent unauthenticated external access.

Model: Aldebaran


Date: 3-Jul-17

No.: RM272010

PROCEDURE

1. Launch the web browser on the client computer.
2. Access the following: [http://\(IP address or host name of the print server\)/](http://(IP address or host name of the print server)/)
3. Log in to the remote console with **Administrator** or **Service** level credentials.
4. Set the following to “**Yes**”.
 [Configuration] > [Security] > [Basic] > [Authentication required for local console] = **Yes**

Basic


 Settings that control access to the printer.

Authentication required to submit jobs

No

Default role for authenticated users

No access

Authentication required for local console

No

Default local console user

Administrator

Job data in traces

Allowed

OK

Cancel