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*** Basic Information ***
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[Create date] 2017/10/05

[Program Name] Engine

[Version] 4.11:08

[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.] D1795404Z

[File Information]

File Name D1795404Z.fwu

File Type Module for Service

Size 7.94 MB (8323572 byte)

[File Information]

File Name D1795404Z.rfu

File Type Module for Remote Upgrade

Size 7.95 MB (8331520 byte)

[Availability of RFU] No

[Production reflection] 2017/10

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*** Note ***
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[Note]

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

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

Specification Change

- Mask the SC558-00

Symptom corrected:

- When a pause is generated during a duplex interleaving process, the engine may run idle and not recover.
- SC670 may occur when running staple jobs and shift tray operation continuously.
- The machine may pause when running staple jobs and shift tray operation.

[Modification history]

Version 4.10:08

Symptom Corrected:

1. Jam53 occurs when feeding A4 SEF from Tray1.
2. SC990 may occur in duplex jobs.
3. If the machine stops suddenly (for instance due to a fusing temp trouble), it continues to run idle or displays 670.
4. The following symptoms may be observed after a jam in the DF:
 - SC687
 - SC670
 - Output of a blank page

Version 4.09:08

Specification Change:

- To prevent SC400, the default value of job end process control setting (below SP codes) has been changed.
 - SP3-533-003 : [Interrupt ProCon] Corr(Short):BW 0.50[-] -> 1.00[-]
 - SP3-534-003 : [JobEnd ProCon :Se] Corr(Short):BW 0.75[-] -> 0.50[-]

Error Correction:

- If the front door of mainframe is opened and closed during the power is turned ON, image missing is occurred on the first page and the machine is run idle.
- If trimmings collection box is full when job is bound by Perfect Binder, machine may be more likely to stall during printing the job.
- In rare occasions, printing cannot start because initialization of the Vacuum Feed LCIT RT5100 does not complete when the power is turned ON.
- In rare occasions, if Jam432(1st Transport Sensor late jam of the Vacuum Feed LCIT RT5100) occurs, printing does not resume even after clearing the jam.

Version 4.08:08

Error Correction:

1. The fusing temperature control does not work as expected when continuously running tray switching jobs (mixed media jobs), resulting in poor fusing.
2. The PM page counter value (%) in SP7-954-*** is incorrect and appears as "0."
3. If attempted to resume printing after a pause by pressing the Emergency Shift Tray Stop switch, the operation panel

- displays "Printing" but printing does not resume.
4. The machine may stall after purging jammed sheets.
 5. If the main power is turned OFF and then ON with the Cover Interposer Tray or the Perfect Binder inserter cover open, the operation panel may not display the "cover open" message. If attempted to run a job in this state, the system stalls.
 6. Jam recovery message appears even if a jam had not occurred, if printed heavy jobs or printed in a slow network environment from the Fiery controller.
 7. SC991 may be logged after a jam.
 8. The location of the jam is not displayed in the jam removal message, if a jam occurs in the Vacuum Feed LCIT in a job that applies finishing such as stapling or folding.
 9. If the tray runs out of paper in a duplex job and then the tray is reloaded, SC990 occurs.
 10. If a stapling job is requested simultaneously with another job that applies finishing such as folding or ring-binding, jam occurs and SC670 is posted while purging the jammed sheets.
 11. If the tray runs out of paper when attempted to print the first sheet of a duplex job and then the tray is reloaded, the operation panel displays "Printing" but printing does not resume.

Version 4.07:08

Specification Change:

- SC577 was deleted, because the hot roller NC sensor occasionally false detects an abnormal increase of the hot roller.

Version 4.06:08

Error Correction:

1. If the tray had been loaded with paper to clear tray empty status in a limitless paper feeding job from the Vacuum Feed LCIT RT5100, no-feed jam occurs with the first sheet when printing resumes.
2. Jam58 may occur with the first sheet fed from Tray 6 of LCIT RT5070, if the job applies alternate feeding using another tray.
3. SC990 may occur, if paper is alternately fed from Tray 4 of LCIT RT5070 and Multi Bypass Tray BY5010.

Version 4.05:08

Specification Change:

- Automatic detection of SRA3 size on EU machines -
When 12x18 inch or SRA3 is loaded on the tray of an EU machine, the size is automatically detected as SRA3 instead of 12x18.

Note 1: To validate the automatic size detection for LCIT, the firmware of the LCIT must be of the version below or newer.

Large Capacity Tray RT5080: LCT_SIBERIA_G ver.

01.030:05 / LCT2_SIBERIA_G ver. 01.030:05

Vacuum Feed LCIT RT5100: LCT1_ANATOLIA ver. 01.040:06 /
LCT2_ANATOLIA ver. 01.040:06

Note 2: Automatic size detection will not apply to NA machines.

Error Correction:

1. SC513-02 rarely occurs when running a mixed media/size job using trays of the mainframe and LCIT.
2. Running a staple job on the Pro 8100EX/S/EXe/Se model with the Cover Interposer may cause the machine to freeze, if the Cover Interposer tray reaches near end status.
3. The machine may freeze during the paper purging process immediately after a jam occurrence in a finishing peripheral.

Version 4.03:08

Specification Change:

As a solution to the Blurred Image problem, the threshold that triggers the automatic operation of "Clear blurred image" in Strong mode was revised as follows:

- Current threshold: When the absolute humidity reaches 14g/m³
- New threshold: When the absolute humidity reaches +3 against the value set in SP2810-006 (Abs Humidity Disp)

Note 1: The maximum threshold to enter the Strong mode is 14.

Note 2: Impact on toner yield caused by this spec change is within a margin of error (1% or lower).

Error Correction:

1. Jam115 occurs with saddle-stitching jobs.
2. The following PM parts counters are falsely counted, if the Perfect Binder GB5010 and Cover Interposer Tray CI5030 are connected:
 - SP7-621-174 Switchback Torque Limiter
 - SP7-621-175 Deodorant Filter (Upper&Lower)
 - SP7-621-186 Horizontal/Reg Discharge Brush

Version 4.02:08

Specification Change:

- 1) The default value of the following SP values were changed from '10' to '0' for the purpose to prevent toner stains on back side of paper, a problem caused by toner scattered on the entrance guide plate of the PTR unit.
 - SP2-441-001 ITB Bias:Switch Timing: LEdge ON Timing Def: 10 -> 0
 - SP2-441-002 ITB Bias:Switch Timing: TEdge OFF Timing Def: 10 -> 0

Error Correction

- 1) Specifying '1: ON' in SP3-820-041 Refresh UP causes the toner pattern for process control to lengthen in main scan direction, resulting in unwanted increase in toner consumption.
- 2) After turning on the power switch or recovering from the energy saver mode, the feed roller continues to run idle, if the feed trays are switched in the following order:
Mainframe tray 2 or 3 --> LCT --> Mainframe tray 1

- 3) Jam003 occurs with jobs that require switching among the mainframe feed trays 1, 2 and 3.

Version 4.01:08

Specification Change:

- 1) The following SP was added to enable selection of jam purge settings:
SP1909-001 [Force Send to Purge Tray]
0 : Purge Off [Paper in the paper path is not purged to the purge tray.]
1 : Purge On (Decurler to Finisher) [If the Finisher is connected, paper remaining in the Decurler unit is purged to the purge tray.]
2 : Purge On (Decurler to Stacker) [If the Stacker or Finisher is connected, paper remaining in the Decurler unit is purged to the purge tray.]
3 : Purge On (No purge from Decurler) [Paper remaining in the paper path is purged to the purge tray, but paper remaining in the Decurler is not purged.]
- 2) The following SP was added for better effect of the "Clear blurred image" function:
SP2-810-007 Manual execution intensity select
0 : Clear blurred img: Weak
1 : Clear blurred img: Strong

Note:

For the above SP modifications to take effect, update System/Copy to ver2.01 or later.

Error Correction:

- 1) Trays do not switch correctly in limitless paper feeding.
2) If Jam194 occurs by opening the door of the Plockmatic BookletMaker during the energy saver mode, the system cannot recover from the energy saver mode.
3) Machine freezes when it attempts to enter the energy saver mode, due to a job cancellation immediately after printing starts but before the optional devices activate.
4) Updating a f/w while the toner bottle motor is running causes the motor to keep running.

Version 4.00:08

Specification change:

1. The following peripherals are supported
- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100
- Plockmatic Production Booklet Maker 350
- Plockmatic Production Booklet Maker 500
2. Head Edge and Tail Edge position in Cut 3 Edge mode are reversed to be the same cut position as other machine connected perfect binder.
3. The banner which draws attention to replace the opposite roller is displayed on the operation panel when SC453 occurs.
4. When jam 49 or 50 or 80 occur, jammed papers are delivered to the

purge tray.

5. Disable Paper Jam Detection is added in SP 1917 Side-to-Side Reg. Disable.
6. Interval time becomes shorter than before when tray is switched.
7. 4 PM counters for the exchange fusing unit are added.
8. Level of SC720-16 and SC720-20 is changed from B to D because paper can not exit to proof tray if these SCs occur.
9. Modified SP default values are as below

SP No.	Default	Unit	Name	Location
1 005 004	-1	mm	Reg Buckle Adj(Thick)	Thick 8
1 021 001	1	-	Skew Detect	Tray1
1 021 002	1	-	Skew Detect	Tray2
1 021 003	1	-	Skew Detect	Tray3
1 021 004	1	-	Skew Detect	Dupx Tray
1 021 005	1	-	Skew Detect	Tray4
1 021 006	1	-	Skew Detect	Tray5
1 021 007	1	-	Skew Detect	Tray6
1 021 008	1	-	Skew Detect	Tray7
2 226 001	950	rpm	Drum Cleaning Mt Rotation Time	95ppm
2 226 002	1008	rpm	Drum Cleaning Mt Rotation Time	110ppm
2 226 003	1162	rpm	Drum Cleaning Mt Rotation Time	135ppm
2 226 004	1337	rpm	Drum Cleaning Mt Rotation Time	150ppm
2 380 005	7	kV	R Corr:LLL	Thresh5:PTR
2 381 005	7	kV	R Corr Thresh:LL	Thresh5:PTR
2 382 005	7	kV	R Corr Thresh:ML	Thresh5:PTR
2 383 005	7	kV	R Corr Thresh:MM	Thresh5:PTR
2 384 005	7	kV	R Corr Thresh:MH	Thresh5:PTR
2 385 005	7	kV	R Corr Thresh:HH	Thresh5:PTR
3 820 001	3	%	Tnr Refresh Mode	Img Area Thresh:K
3 820 021	60	mm	Tnr Refresh Mode	Max Between Patter

Symptoms corrected:

1. When Job Reset key is pushed before cover sheet is fed from the Perfect Binder, reset is not executed until job end.
2. SC 990 might occur when the front cover is opened immediately after exiting SP mode.
3. After jammed papers are removed and stop key is pushed, Stall might occur when job starts.
4. Software voltage limiter is added to the transfer power pack to prevent from electrical leakage from the transfer bias roller.
5. SP2-904-003 and SP2-904-004 are added to SP2-2904 Prevent Blade Bending.
6. SC 990 or SC670 might occur when copy job is continuously conducted.
7. SC 990 might occur when paper can not be delivered to the registration gate on time.
8. SC 990 might occur when printing after activating SP1-995-150.
9. Toner scattering might occur when long paper interval job like small page book folding runs continuously.
10. Jam 001 might occur after recovering from energy saver mode when system enters to energy saver mode with full of the lower left tray of the Perfect Binder.
11. System does not stop when removing papers from the Perfect Binder during recovering of cover sheet jam.
12. Machine might not stop on condition that double feed jam occurs

and the following paper stops at particular position.

13. Machine on duplex mode might not stop when CPM down mode is activate, which depends on fusing temperature.

14. System connected with the Perfect Binder might not stop on condition that cover sheets are stored in mainframe's tray, duplex mode, 95CPM.

Remarks:

Execute SP6-901-001 only once after install this firmware to initialize SP values of additional modes and peripherals.

Version 1.47:08

Specification changes:

Software voltage limiter was added to the transfer power pack to prevent electrical leakage from the PTR bias roller, which could cause damage to the transfer power pack.

Symptoms corrected:

If printing 3 or more copies of a glue-bound booklet consisted of exactly 62 pages, the job results in a jam.

Version 1.46:08

Symptom corrected:

1. The machine might freeze, if continuously running staple jobs of small pages in mixed paper sizes.
2. Side effect of a fix implemented in firmware ver. 1.44 causes a slight decrease in productivity with jobs using tray 5 (2nd tray of LCT).

Version 1.45:08

Symptom corrected:

SC465 (PTR motor error) is posted when executing 'clean blurred image.'

Firmware was modified so that the PTR and ITB units are in contact instead of separated during 'clean blurred image' operation.

This is because the small amount of toner helps reduce friction and prevents the cleaning blade from flipping.

Specification change:

Jam 49, 50, 80, and 99 are not detected for jammed paper that are delivered to the purge tray.

Version 1.44:08

Symptoms corrected:

1. The OPC cleaning unit change indication does not display.
2. The stall might occur if Finisher (SR5050, SR5060) staples continuously more than 1000 times on the corner staple mode or more than 500 times on the side staple mode.
3. Jam 251 might occur if the amount of paper in the inserter tray

becomes nearly end.

Version 1.43:08

Symptom corrected:

1. Machine might stall, if the emergency shift try stop switch on finisher is turned on when machine runs on duplex mode.
2. The productivity could be reduced when If SC395 is set, when adjustment mode (process control, temperature, movement of decurler position) works.
3. Machine could freeze or post SC308, if the wire cleaner in charge unit works.

Version 1.42:08

Symptoms corrected:

1. Activating the ITB reverse rotation function in SP2-906-xxx to counter SC395 could cause jams in the optional devices.
2. Machine might not stop or post SC990, if a jam occurs in the optional devices in duplex printing.
3. If a jam occurs while printing a page after a blank page, the machine might not stop even after completing the recovery job.
4. Machine might stall, if an original jams in the ADF.
5. Machine might post SC687, if Jam67 (ADF exit sensor lag error) occurs twice in a row in duplex scanning.

Version 1.41:08

Symptoms corrected:

1. SC569-01 could occur, if opening the front cover while activating the machine.
2. Plockmatic tray full status might not be notified, if connected to the EFI controller.
3. PM couter fails to count for the following parts: Fusing unit, Cleaning web, Web cleaning roller.
4. Machine could freeze or post SC670, if running jobs in low speed mode in duplex with sheets fed from the cover interposer.

Version 1.40:08

Specification Change:

1. OPC drum refreshment mode
2. Fine adjustment of the PTR line speed
3. Modified SP default value accordingly with the modified fusing web motor

Error Correction:

1. If the machine is rebooted after an SC occurrence while saving captured engine logs, log saving is aborted.
2. The system stalls, if a jam occurs in an "interrupted" job assigned to a different output tray.
3. Jams could occur with jobs that require long time in the finishing process, for example, perfect bound booklets printed in

duplex.

4. The machine continues to run idle, if an adjustment is made on the machine in between two different duplex jobs.
5. The system stalls, if a jam occurs in a perfect bound job consisted of 128 or more pages printed in duplex.
6. SC990 is issued in the first job run after recovering from a jam that occurs in any of the finishing peripherals in the initialization process (when the machine power is turned on or when returning from energy saving mode), if the configuration contains the Perfect Binder.
7. SC990 is issued, if the charge counter key card is removed immediately after starting a print job.
8. The system stalls, if fusing temp and decurl adjustments are applied to the same page in a duplex job.
9. SC991 is issued, if the door is opened after a jam occurrence in a duplex job.
10. SC990 might be issued, if a jam occurs in the ADF.
11. The system stalls, if 2 or more sheets are fed in succession from the Cover Interposer Tray in the first job run after turning on the machine power.
12. The system stalls, if the first sheet of the second job is assigned to be fed from the Cover Interposer Tray and the system enters low power mode as a result of a long pause generated between the 2 jobs.
13. The system stalls, if the tray runs out of paper on the very last sheet of a staple job.
14. When creating 3 copies or more perfect bound booklets and the Perfect Binder output tray is opened while running a job, the mainframe engine does not stop and continues to run without notifying an alert message.
15. The system remains "copying" even if the cover sheet being fed from the Perfect Binder cover tray is forcefully pull out from the path.
16. The system stalls, if the "Energy saver" button is pressed and the system enters energy save status while the job is automatically reset as a result of the tray for the signature running out of paper.
17. Productivity of the Perfect Binder decreases.
18. The system stalls, if the Perfect Binder glue temp is adjusted.

Remarks:

Make sure to install this firmware, if connecting the printer to the EFI EB-32 controller.

Version 1.21:08

Error correction:

1. If the decurl unit and process control are adjusted simultaneously, the system stalls.
2. If the paper is fed from the LCT after cancelling paper feed from Tray 2, the system stalls.
3. The PM parts counter cannot be cleared to "0".

Version 1.20:08

Symptoms corrected:

1. Problems involving the Perfect Binder GB5010 were fixed.
2. Toner bottles cannot be ordered automatically with the NRS.
3. Returning from the Energy Saving mode could cause SC687 or the operation panel to freeze.
4. Returning from the Energy Saving mode and opening the front cover causes the operation panel to remain with the "Please wait" message.
5. The operation panel indicates a jam in the Ring Binder RB5020 for a few seconds even when the ring-bound job is successfully fed out to the RB5020 output tray.
6. If the machine power is turned off/on with a jammed sheet remaining in the fusing unit, the system cannot detect the jammed sheet and starts to warm up the fusing unit.
7. PostScript printer driver does not correctly indicate the remaining amount of paper in tray 7.

Version 1.02:08

1st Mass production

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*** Basic Information ***
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[Create date] 2019/02/25

[Program Name] Engine

[Version] 4.12:08

[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.] D1795405

[File Information]

File Name D1795405.fwu

File Type Module for Service

Size 7.94 MB (8323572 byte)

[File Information]

File Name D1795405.rfu

File Type Module for Remote Upgrade

Size 7.95 MB (8331520 byte)

[Availability of RFU] No

[Production reflection] 2019/3

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*** Note ***
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[Note]

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

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

Rank C

Specification Change:

- The waste toner transport motor does not activate even when the machine internal temperature reaches the temperature that triggers motor activation.

[Modification history]

Version 4.11:08

Specification Change

- Mask the SC558-00

Symptom corrected:

- When a pause is generated during a duplex interleaving process, the engine may run idle and not recover.
- SC670 may occur when running staple jobs and shift tray operation continuously.
- The machine may pause when running staple jobs and shift tray operation.

Version 4.10:08

Symptom Corrected:

1. Jam53 occurs when feeding A4 SEF from Tray1.
2. SC990 may occur in duplex jobs.
3. If the machine stops suddenly (for instance due to a fusing temp trouble), it continues to run idle or displays 670.
4. The following symptoms may be observed after a jam in the DF:
 - SC687
 - SC670
 - Output of a blank page

Version 4.09:08

Specification Change:

- To prevent SC400, the default value of job end process control setting (below SP codes) has been changed.
SP3-533-003 : [Interrupt ProCon] Corr(Short):BW 0.50[-] -> 1.00[-]
SP3-534-003 : [JobEnd ProCon :Se] Corr(Short):BW 0.75[-] -> 0.50[-]

Error Correction:

- If the front door of mainframe is opened and closed during the power is turned ON, image missing is occurred on the first page and the machine is run idle.
- If trimmings collection box is full when job is bound by Perfect Binder, machine may be more likely to stall during printing the job.
- In rare occasions, printing cannot start because initialization of the Vacuum Feed LCIT RT5100 does not complete when the power is turned ON.
- In rare occasions, if Jam432(1st Transport Sensor late jam of the Vacuum Feed LCIT RT5100) occurs, printing does not resume even after clearing the jam.

Version 4.08:08

Error Correction:

1. The fusing temperature control does not work as expected when continuously running tray switching jobs (mixed media jobs), resulting in poor fusing.
2. The PM page counter value (%) in SP7-954-*** is incorrect and appears as "0."
3. If attempted to resume printing after a pause by pressing the Emergency Shift Tray Stop switch, the operation panel displays "Printing" but printing does not resume.
4. The machine may stall after purging jammed sheets.
5. If the main power is turned OFF and then ON with the Cover Interposer Tray or the Perfect Binder inserter cover open, the operation panel may not display the "cover open" message. If attempted to run a job in this state, the system stalls.
6. Jam recovery message appears even if a jam had not occurred, if printed heavy jobs or printed in a slow network environment from the Fiery controller.
7. SC991 may be logged after a jam.
8. The location of the jam is not displayed in the jam removal message, if a jam occurs in the Vacuum Feed LCIT in a job that applies finishing such as stapling or folding.
9. If the tray runs out of paper in a duplex job and then the tray is reloaded, SC990 occurs.
10. If a stapling job is requested simultaneously with another job that applies finishing such as folding or ring-binding, jam occurs and SC670 is posted while purging the jammed sheets.
11. If the tray runs out of paper when attempted to print the first sheet of a duplex job and then the tray is reloaded, the operation panel displays "Printing" but printing does not resume.

Version 4.07:08

Specification Change:

- SC577 was deleted, because the hot roller NC sensor occasionally false detects an abnormal increase of the hot roller.

Version 4.06:08

Error Correction:

1. If the tray had been loaded with paper to clear tray empty status in a limitless paper feeding job from the Vacuum Feed LCIT RT5100, no-feed jam occurs with the first sheet when printing resumes.
2. Jam58 may occur with the first sheet fed from Tray 6 of LCIT RT5070, if the job applies alternate feeding using another tray.
3. SC990 may occur, if paper is alternately fed from Tray 4 of LCIT RT5070 and Multi Bypass Tray BY5010.

Version 4.05:08

Specification Change:

- Automatic detection of SRA3 size on EU machines -
When 12x18 inch or SRA3 is loaded on the tray of an EU machine,

the size is automatically detected as SRA3 instead of 12x18.

Note 1: To validate the automatic size detection for LCIT, the firmware of the LCIT must be of the version below or newer.
Large Capacity Tray RT5080: LCT_SIBERIA_G ver. 01.030:05 / LCT2_SIBERIA_G ver. 01.030:05
Vacuum Feed LCIT RT5100: LCT1_ANATOLIA ver. 01.040:06 / LCT2_ANATOLIA ver. 01.040:06

Note 2: Automatic size detection will not apply to NA machines.

Error Correction:

1. SC513-02 rarely occurs when running a mixed media/size job using trays of the mainframe and LCIT.
2. Running a staple job on the Pro 8100EX/S/EXe/Se model with the Cover Interposer may cause the machine to freeze, if the Cover Interposer tray reaches near end status.
3. The machine may freeze during the paper purging process immediately after a jam occurrence in a finishing peripheral.

Version 4.03:08

Specification Change:

As a solution to the Blurred Image problem, the threshold that triggers the automatic operation of "Clear blurred image" in Strong mode was revised as follows:

- Current threshold: When the absolute humidity reaches 14g/m³
- New threshold: When the absolute humidity reaches +3 against the value set in SP2810-006 (Abs Humidity Disp)

Note 1: The maximum threshold to enter the Strong mode is 14.

Note 2: Impact on toner yield caused by this spec change is within a margin of error (1% or lower).

Error Correction:

1. Jam115 occurs with saddle-stitching jobs.
2. The following PM parts counters are falsely counted, if the Perfect Binder GB5010 and Cover Interposer Tray CI5030 are connected:
 - SP7-621-174 Switchback Torque Limiter
 - SP7-621-175 Deodorant Filter (Upper&Lower)
 - SP7-621-186 Horizontal/Reg Discharge Brush

Version 4.02:08

Specification Change:

- 1) The default value of the following SP values were changed from '10' to '0' for the purpose to prevent toner stains on back side of paper, a problem caused by toner scattered on the entrance guide plate of the PTR unit.
 - SP2-441-001 ITB Bias:Switch Timing: LEdge ON Timing Def: 10 -> 0
 - SP2-441-002 ITB Bias:Switch Timing: TEdge OFF Timing Def: 10 -> 0

Error Correction

- 1) Specifying '1: ON' in SP3-820-041 Refresh UP causes the toner pattern for process control to lengthen in main scan direction, resulting in unwanted increase in toner consumption.
- 2) After turning on the power switch or recovering from the energy saver mode, the feed roller continues to run idle, if the feed trays are switched in the following order:
Mainframe tray 2 or 3 --> LCT --> Mainframe tray 1
- 3) Jam003 occurs with jobs that require switching among the mainframe feed trays 1, 2 and 3.

Version 4.01:08

Specification Change:

- 1) The following SP was added to enable selection of jam purge settings:
SP1909-001 [Force Send to Purge Tray]
0 : Purge Off [Paper in the paper path is not purged to the purge tray.]
1 : Purge On (Decurler to Finisher) [If the Finisher is connected, paper remaining in the Decurler unit is purged to the purge tray.]
2 : Purge On (Decurler to Stacker) [If the Stacker or Finisher is connected, paper remaining in the Decurler unit is purged to the purge tray.]
3 : Purge On (No purge from Decurler) [Paper remaining in the paper path is purged to the purge tray, but paper remaining in the Decurler is not purged.]
- 2) The following SP was added for better effect of the "Clear blurred image" function:
SP2-810-007 Manual execution intensity select
0 : Clear blurred img: Weak
1 : Clear blurred img: Strong

Note:

For the above SP modifications to take effect, update System/Copy to ver2.01 or later.

Error Correction:

- 1) Trays do not switch correctly in limitless paper feeding.
- 2) If Jam194 occurs by opening the door of the Plockmatic BookletMaker during the energy saver mode, the system cannot recover from the energy saver mode.
- 3) Machine freezes when it attempts to enter the energy saver mode, due to a job cancellation immediately after printing starts but before the optional devices activate.
- 4) Updating a f/w while the toner bottle motor is running causes the motor to keep running.

Version 4.00:08

Specification change:

1. The following peripherals are supported
- High Capacity Stacker SK5030

- Vacuum Feed LCIT RT5100
 - Plockmatic Production Booklet Maker 350
 - Plockmatic Production Booklet Maker 500
2. Head Edge and Tail Edge position in Cut 3 Edge mode are reversed to be the same cut position as other machine connected perfect binder.
 3. The banner which draws attention to replace the opposite roller is displayed on the operation panel when SC453 occurs.
 4. When jam 49 or 50 or 80 occur, jammed papers are delivered to the purge tray.
 5. Disable Paper Jam Detection is added in SP 1917 Side-to-Side Reg. Disable.
 6. Interval time becomes shorter than before when tray is switched.
 7. 4 PM counters for the exchange fusing unit are added.
 8. Level of SC720-16 and SC720-20 is changed from B to D because paper can not exit to proof tray if these SCs occur.
 9. Modified SP default values are as below

SP No.	Default	Unit	Name	Location
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1 021 001	1	-	Skew Detect	Tray1
1 021 002	1	-	Skew Detect	Tray2
1 021 003	1	-	Skew Detect	Tray3
1 021 004	1	-	Skew Detect	Dupx Tray
1 021 005	1	-	Skew Detect	Tray4
1 021 006	1	-	Skew Detect	Tray5
1 021 007	1	-	Skew Detect	Tray6
1 021 008	1	-	Skew Detect	Tray7
2 226 001	950	rpm	Drum Cleaning Mt Rotation Time	95ppm
2 226 002	1008	rpm	Drum Cleaning Mt Rotation Time	110ppm
2 226 003	1162	rpm	Drum Cleaning Mt Rotation Time	135ppm
2 226 004	1337	rpm	Drum Cleaning Mt Rotation Time	150ppm
2 380 005	7	kV	R Corr:LLL	Thresh5:PTR
2 381 005	7	kV	R Corr Thresh:LL	Thresh5:PTR
2 382 005	7	kV	R Corr Thresh:ML	Thresh5:PTR
2 383 005	7	kV	R Corr Thresh:MM	Thresh5:PTR
2 384 005	7	kV	R Corr Thresh:MH	Thresh5:PTR
2 385 005	7	kV	R Corr Thresh:HH	Thresh5:PTR
3 820 001	3	%	Tnr Refresh Mode	Img Area Thresh:K
3 820 021	60	mm	Tnr Refresh Mode	Max Between Patter

Symptoms corrected:

1. When Job Reset key is pushed before cover sheet is fed from the Perfect Binder, reset is not executed until job end.
2. SC 990 might occur when the front cover is opened immediately after exiting SP mode.
3. After jammed papers are removed and stop key is pushed, Stall might occur when job starts.
4. Software voltage limiter is added to the transfer power pack to prevent from electrical leakage from the transfer bias roller.
5. SP2-904-003 and SP2-904-004 are added to SP2-2904 Prevent Blade Bending.
6. SC 990 or SC670 might occur when copy job is continuously conducted.
7. SC 990 might occur when paper can not be delivered to the registration gate on time.

8. SC 990 might occur when printing after activating SP1-995-150.
9. Toner scattering might occur when long paper interval job like small page book folding runs continuously.
10. Jam 001 might occur after recovering from energy saver mode when system enters to energy saver mode with full of the lower left tray of the Perfect Binder.
11. System does not stop when removing papers from the Perfect Binder during recovering of cover sheet jam.
12. Machine might not stop on condition that double feed jam occurs and the following paper stops at particular position.
13. Machine on duplex mode might not stop when CPM down mode is activate, which depends on fusing temperature.
14. System connected with the Perfect Binder might not stop on condition that cover sheets are stored in mainframe's tray, duplex mode, 95CPM.

Remarks:

Execute SP6-901-001 only once after install this firmware to initialize SP values of additional modes and peripherals.

Version 1.47:08

Specification changes:

Software voltage limiter was added to the transfer power pack to prevent electrical leakage from the PTR bias roller, which could cause damage to the transfer power pack.

Symptoms corrected:

If printing 3 or more copies of a glue-bound booklet consisted of exactly 62 pages, the job results in a jam.

Version 1.46:08

Symptom corrected:

1. The machine might freeze, if continuously running staple jobs of small pages in mixed paper sizes.
2. Side effect of a fix implemented in firmware ver. 1.44 causes a slight decrease in productivity with jobs using tray 5 (2nd tray of LCT).

Version 1.45:08

Symptom corrected:

SC465 (PTR motor error) is posted when executing 'clean blurred image.'

Firmware was modified so that the PTR and ITB units are in contact instead of separated during 'clean blurred image' operation.

This is because the small amount of toner helps reduce friction and prevents the cleaning blade from flipping.

Specification change:

Jam 49, 50, 80, and 99 are not detected for jammed paper that are delivered to the purge tray.

Version 1.44:08

Symptoms corrected:

1. The OPC cleaning unit change indication does not display.
2. The stall might occur if Finisher (SR5050, SR5060) staples continuously more than 1000 times on the corner staple mode or more than 500 times on the side staple mode.
3. Jam 251 might occur if the amount of paper in the inserter tray becomes nearly end.

Version 1.43:08

Symptom corrected:

1. Machine might stall, if the emergency shift try stop switch on finisher is turned on when machine runs on duplex mode.
2. The productivity could be reduced when If SC395 is set, when adjustment mode (process control, temperature, movement of decurler position) works.
3. Machine could freeze or post SC308, if the wire cleaner in charge unit works.

Version 1.42:08

Symptoms corrected:

1. Activating the ITB reverse rotation function in SP2-906-xxx to counter SC395 could cause jams in the optional devices.
2. Machine might not stop or post SC990, if a jam occurs in the optional devices in duplex printing.
3. If a jam occurs while printing a page after a blank page, the machine might not stop even after completing the recovery job.
4. Machine might stall, if an original jams in the ADF.
5. Machine might post SC687, if Jam67 (ADF exit sensor lag error) occurs twice in a row in duplex scanning.

Version 1.41:08

Symptoms corrected:

1. SC569-01 could occur, if opening the front cover while activating the machine.
2. Plockmatic tray full status might not be notified, if connected to the EFI controller.
3. PM couter fails to count for the following parts: Fusing unit, Cleaning web, Web cleaning roller.
4. Machine could freeze or post SC670, if running jobs in low speed mode in duplex with sheets fed from the cover interposer.

Version 1.40:08

Specification Change:

1. OPC drum refreshment mode
2. Fine adjustment of the PTR line speed
3. Modified SP default value accordingly with the modified fusing web motor

Error Correction:

1. If the machine is rebooted after an SC occurrence while saving captured engine logs, log saving is aborted.
2. The system stalls, if a jam occurs in an "interrupted" job assigned to a different output tray.
3. Jams could occur with jobs that require long time in the finishing process, for example, perfect bound booklets printed in duplex.
4. The machine continues to run idle, if an adjustment is made on the machine in between two different duplex jobs.
5. The system stalls, if a jam occurs in a perfect bound job consisted of 128 or more pages printed in duplex.
6. SC990 is issued in the first job run after recovering from a jam that occurs in any of the finishing peripherals in the initialization process (when the machine power is turned on or when returning from energy saving mode), if the configuration contains the Perfect Binder.
7. SC990 is issued, if the charge counter key card is removed immediately after starting a print job.
8. The system stalls, if fusing temp and decurl adjustments are applied to the same page in a duplex job.
9. SC991 is issued, if the door is opened after a jam occurrence in a duplex job.
10. SC990 might be issued, if a jam occurs in the ADF.
11. The system stalls, if 2 or more sheets are fed in succession from the Cover Interposer Tray in the first job run after turning on the machine power.
12. The system stalls, if the first sheet of the second job is assigned to be fed from the Cover Interposer Tray and the system enters low power mode as a result of a long pause generated between the 2 jobs.
13. The system stalls, if the tray runs out of paper on the very last sheet of a staple job.
14. When creating 3 copies or more perfect bound booklets and the Perfect Binder output tray is opened while running a job, the mainframe engine does not stop and continues to run without notifying an alert message.
15. The system remains "copying" even if the cover sheet being fed from the Perfect Binder cover tray is forcefully pull out from the path.
16. The system stalls, if the "Energy saver" button is pressed and the system enters energy save status while the job is automatically reset as a result of the tray for the signature running out of paper.
17. Productivity of the Perfect Binder decreases.
18. The system stalls, if the Perfect Binder glue temp is adjusted.

Remarks:

Make sure to install this firmware, if connecting the printer to the EFI EB-32 controller.

Version 1.21:08

Error correction:

1. If the decurl unit and process control are adjusted simultaneously, the system stalls.

2. If the paper is fed from the LCT after cancelling paper feed from Tray 2, the system stalls.
3. The PM parts counter cannot be cleared to "0".

Version 1.20:08

Symptoms corrected:

1. Problems involving the Perfect Binder GB5010 were fixed.
2. Toner bottles cannot be ordered automatically with the NRS.
3. Returning from the Energy Saving mode could cause SC687 or the operation panel to freeze.
4. Returning from the Energy Saving mode and opening the front cover causes the operation panel to remain with the "Please wait" message.
5. The operation panel indicates a jam in the Ring Binder RB5020 for a few seconds even when the ring-bound job is successfully fed out to the RB5020 output tray.
6. If the machine power is turned off/on with a jammed sheet remaining in the fusing unit, the system cannot detect the jammed sheet and starts to warm up the fusing unit.
7. PostScript printer driver does not correctly indicate the remaining amount of paper in tray 7.

Version 1.02:08

1st Mass production

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*** Basic Information ***
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[Create date] 2017/06/06

[Program Name] Engine

[Version] 4.10:08

[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.] D1795404Y

[File Information]

File Name D1795404Y.fwu

File Type Module for Service

Size 7.94 MB (8323572 byte)

[File Information]

File Name D1795404Y.rfu

File Type Module for Remote Upgrade

Size 7.95 MB (8331520 byte)

[Production reflection] 2017/6

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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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*** Basic Information ***
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[Create date] 2017/10/05

[Program Name] Engine

[Version] 4.11:08

[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.] D1795404Z

[File Information]

File Name D1795404Z.fwu

File Type Module for Service

Size 7.94 MB (8323572 byte)

[File Information]

File Name D1795404Z.rfu

File Type Module for Remote Upgrade

Size 7.95 MB (8331520 byte)

[Availability of RFU] No

[Production reflection] 2017/10

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*** Note ***
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[Note]

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

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

Specification Change

- Mask the SC558-00

Symptom corrected:

- When a pause is generated during a duplex interleaving process, the engine may run idle and not recover.
- SC670 may occur when running staple jobs and shift tray operation continuously.
- The machine may pause when running staple jobs and shift tray operation.

[Modification history]

Version 4.10:08

Symptom Corrected:

1. Jam53 occurs when feeding A4 SEF from Tray1.
2. SC990 may occur in duplex jobs.
3. If the machine stops suddenly (for instance due to a fusing temp trouble), it continues to run idle or displays 670.
4. The following symptoms may be observed after a jam in the DF:
 - SC687
 - SC670
 - Output of a blank page

Version 4.09:08

Specification Change:

- To prevent SC400, the default value of job end process control setting (below SP codes) has been changed.
 - SP3-533-003 : [Interrupt ProCon] Corr(Short):BW 0.50[-] -> 1.00[-]
 - SP3-534-003 : [JobEnd ProCon :Se] Corr(Short):BW 0.75[-] -> 0.50[-]

Error Correction:

- If the front door of mainframe is opened and closed during the power is turned ON, image missing is occurred on the first page and the machine is run idle.
- If trimmings collection box is full when job is bound by Perfect Binder, machine may be more likely to stall during printing the job.
- In rare occasions, printing cannot start because initialization of the Vacuum Feed LCIT RT5100 does not complete when the power is turned ON.
- In rare occasions, if Jam432(1st Transport Sensor late jam of the Vacuum Feed LCIT RT5100) occurs, printing does not resume even after clearing the jam.

Version 4.08:08

Error Correction:

1. The fusing temperature control does not work as expected when continuously running tray switching jobs (mixed media jobs), resulting in poor fusing.
2. The PM page counter value (%) in SP7-954-*** is incorrect and appears as "0."
3. If attempted to resume printing after a pause by pressing the Emergency Shift Tray Stop switch, the operation panel

- displays "Printing" but printing does not resume.
4. The machine may stall after purging jammed sheets.
 5. If the main power is turned OFF and then ON with the Cover Interposer Tray or the Perfect Binder inserter cover open, the operation panel may not display the "cover open" message. If attempted to run a job in this state, the system stalls.
 6. Jam recovery message appears even if a jam had not occurred, if printed heavy jobs or printed in a slow network environment from the Fiery controller.
 7. SC991 may be logged after a jam.
 8. The location of the jam is not displayed in the jam removal message, if a jam occurs in the Vacuum Feed LCIT in a job that applies finishing such as stapling or folding.
 9. If the tray runs out of paper in a duplex job and then the tray is reloaded, SC990 occurs.
 10. If a stapling job is requested simultaneously with another job that applies finishing such as folding or ring-binding, jam occurs and SC670 is posted while purging the jammed sheets.
 11. If the tray runs out of paper when attempted to print the first sheet of a duplex job and then the tray is reloaded, the operation panel displays "Printing" but printing does not resume.

Version 4.07:08

Specification Change:

- SC577 was deleted, because the hot roller NC sensor occasionally false detects an abnormal increase of the hot roller.

Version 4.06:08

Error Correction:

1. If the tray had been loaded with paper to clear tray empty status in a limitless paper feeding job from the Vacuum Feed LCIT RT5100, no-feed jam occurs with the first sheet when printing resumes.
2. Jam58 may occur with the first sheet fed from Tray 6 of LCIT RT5070, if the job applies alternate feeding using another tray.
3. SC990 may occur, if paper is alternately fed from Tray 4 of LCIT RT5070 and Multi Bypass Tray BY5010.

Version 4.05:08

Specification Change:

- Automatic detection of SRA3 size on EU machines -
When 12x18 inch or SRA3 is loaded on the tray of an EU machine, the size is automatically detected as SRA3 instead of 12x18.

Note 1: To validate the automatic size detection for LCIT, the firmware of the LCIT must be of the version below or newer.

Large Capacity Tray RT5080: LCT_SIBERIA_G ver.

01.030:05 / LCT2_SIBERIA_G ver. 01.030:05

Vacuum Feed LCIT RT5100: LCT1_ANATOLIA ver. 01.040:06 /
LCT2_ANATOLIA ver. 01.040:06

Note 2: Automatic size detection will not apply to NA machines.

Error Correction:

1. SC513-02 rarely occurs when running a mixed media/size job using trays of the mainframe and LCIT.
2. Running a staple job on the Pro 8100EX/S/EXe/Se model with the Cover Interposer may cause the machine to freeze, if the Cover Interposer tray reaches near end status.
3. The machine may freeze during the paper purging process immediately after a jam occurrence in a finishing peripheral.

Version 4.03:08

Specification Change:

As a solution to the Blurred Image problem, the threshold that triggers the automatic operation of "Clear blurred image" in Strong mode was revised as follows:

- Current threshold: When the absolute humidity reaches 14g/m³
- New threshold: When the absolute humidity reaches +3 against the value set in SP2810-006 (Abs Humidity Disp)

Note 1: The maximum threshold to enter the Strong mode is 14.

Note 2: Impact on toner yield caused by this spec change is within a margin of error (1% or lower).

Error Correction:

1. Jam115 occurs with saddle-stitching jobs.
2. The following PM parts counters are falsely counted, if the Perfect Binder GB5010 and Cover Interposer Tray CI5030 are connected:
 - SP7-621-174 Switchback Torque Limiter
 - SP7-621-175 Deodorant Filter (Upper&Lower)
 - SP7-621-186 Horizontal/Reg Discharge Brush

Version 4.02:08

Specification Change:

- 1) The default value of the following SP values were changed from '10' to '0' for the purpose to prevent toner stains on back side of paper, a problem caused by toner scattered on the entrance guide plate of the PTR unit.
 - SP2-441-001 ITB Bias:Switch Timing: LEdge ON Timing Def: 10 -> 0
 - SP2-441-002 ITB Bias:Switch Timing: TEdge OFF Timing Def: 10 -> 0

Error Correction

- 1) Specifying '1: ON' in SP3-820-041 Refresh UP causes the toner pattern for process control to lengthen in main scan direction, resulting in unwanted increase in toner consumption.
- 2) After turning on the power switch or recovering from the energy saver mode, the feed roller continues to run idle, if the feed trays are switched in the following order:
Mainframe tray 2 or 3 --> LCT --> Mainframe tray 1

- 3) Jam003 occurs with jobs that require switching among the mainframe feed trays 1, 2 and 3.

Version 4.01:08

Specification Change:

- 1) The following SP was added to enable selection of jam purge settings:
SP1909-001 [Force Send to Purge Tray]
0 : Purge Off [Paper in the paper path is not purged to the purge tray.]
1 : Purge On (Decurler to Finisher) [If the Finisher is connected, paper remaining in the Decurler unit is purged to the purge tray.]
2 : Purge On (Decurler to Stacker) [If the Stacker or Finisher is connected, paper remaining in the Decurler unit is purged to the purge tray.]
3 : Purge On (No purge from Decurler) [Paper remaining in the paper path is purged to the purge tray, but paper remaining in the Decurler is not purged.]
- 2) The following SP was added for better effect of the "Clear blurred image" function:
SP2-810-007 Manual execution intensity select
0 : Clear blurred img: Weak
1 : Clear blurred img: Strong

Note:

For the above SP modifications to take effect, update System/Copy to ver2.01 or later.

Error Correction:

- 1) Trays do not switch correctly in limitless paper feeding.
2) If Jam194 occurs by opening the door of the Plockmatic BookletMaker during the energy saver mode, the system cannot recover from the energy saver mode.
3) Machine freezes when it attempts to enter the energy saver mode, due to a job cancellation immediately after printing starts but before the optional devices activate.
4) Updating a f/w while the toner bottle motor is running causes the motor to keep running.

Version 4.00:08

Specification change:

1. The following peripherals are supported
- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100
- Plockmatic Production Booklet Maker 350
- Plockmatic Production Booklet Maker 500
2. Head Edge and Tail Edge position in Cut 3 Edge mode are reversed to be the same cut position as other machine connected perfect binder.
3. The banner which draws attention to replace the opposite roller is displayed on the operation panel when SC453 occurs.
4. When jam 49 or 50 or 80 occur, jammed papers are delivered to the

purge tray.

5. Disable Paper Jam Detection is added in SP 1917 Side-to-Side Reg. Disable.
6. Interval time becomes shorter than before when tray is switched.
7. 4 PM counters for the exchange fusing unit are added.
8. Level of SC720-16 and SC720-20 is changed from B to D because paper can not exit to proof tray if these SCs occur.
9. Modified SP default values are as below

SP No.	Default	Unit	Name	Location
1 005 004	-1	mm	Reg Buckle Adj(Thick)	Thick 8
1 021 001	1	-	Skew Detect	Tray1
1 021 002	1	-	Skew Detect	Tray2
1 021 003	1	-	Skew Detect	Tray3
1 021 004	1	-	Skew Detect	Dupx Tray
1 021 005	1	-	Skew Detect	Tray4
1 021 006	1	-	Skew Detect	Tray5
1 021 007	1	-	Skew Detect	Tray6
1 021 008	1	-	Skew Detect	Tray7
2 226 001	950	rpm	Drum Cleaning Mt Rotation Time	95ppm
2 226 002	1008	rpm	Drum Cleaning Mt Rotation Time	110ppm
2 226 003	1162	rpm	Drum Cleaning Mt Rotation Time	135ppm
2 226 004	1337	rpm	Drum Cleaning Mt Rotation Time	150ppm
2 380 005	7	kV	R Corr:LLL	Thresh5:PTR
2 381 005	7	kV	R Corr Thresh:LL	Thresh5:PTR
2 382 005	7	kV	R Corr Thresh:ML	Thresh5:PTR
2 383 005	7	kV	R Corr Thresh:MM	Thresh5:PTR
2 384 005	7	kV	R Corr Thresh:MH	Thresh5:PTR
2 385 005	7	kV	R Corr Thresh:HH	Thresh5:PTR
3 820 001	3	%	Tnr Refresh Mode	Img Area Thresh:K
3 820 021	60	mm	Tnr Refresh Mode	Max Between Patter

Symptoms corrected:

1. When Job Reset key is pushed before cover sheet is fed from the Perfect Binder, reset is not executed until job end.
2. SC 990 might occur when the front cover is opened immediately after exiting SP mode.
3. After jammed papers are removed and stop key is pushed, Stall might occur when job starts.
4. Software voltage limiter is added to the transfer power pack to prevent from electrical leakage from the transfer bias roller.
5. SP2-904-003 and SP2-904-004 are added to SP2-2904 Prevent Blade Bending.
6. SC 990 or SC670 might occur when copy job is continuously conducted.
7. SC 990 might occur when paper can not be delivered to the registration gate on time.
8. SC 990 might occur when printing after activating SP1-995-150.
9. Toner scattering might occur when long paper interval job like small page book folding runs continuously.
10. Jam 001 might occur after recovering from energy saver mode when system enters to energy saver mode with full of the lower left tray of the Perfect Binder.
11. System does not stop when removing papers from the Perfect Binder during recovering of cover sheet jam.
12. Machine might not stop on condition that double feed jam occurs

and the following paper stops at particular position.

13. Machine on duplex mode might not stop when CPM down mode is activate, which depends on fusing temperature.
14. System connected with the Perfect Binder might not stop on condition that cover sheets are stored in mainframe's tray, duplex mode, 95CPM.

Remarks:

Execute SP6-901-001 only once after install this firmware to initialize SP values of additional modes and peripherals.

Version 1.47:08

Specification changes:

Software voltage limiter was added to the transfer power pack to prevent electrical leakage from the PTR bias roller, which could cause damage to the transfer power pack.

Symptoms corrected:

If printing 3 or more copies of a glue-bound booklet consisted of exactly 62 pages, the job results in a jam.

Version 1.46:08

Symptom corrected:

1. The machine might freeze, if continuously running staple jobs of small pages in mixed paper sizes.
2. Side effect of a fix implemented in firmware ver. 1.44 causes a slight decrease in productivity with jobs using tray 5 (2nd tray of LCT).

Version 1.45:08

Symptom corrected:

SC465 (PTR motor error) is posted when executing 'clean blurred image.'

Firmware was modified so that the PTR and ITB units are in contact instead of separated during 'clean blurred image' operation.

This is because the small amount of toner helps reduce friction and prevents the cleaning blade from flipping.

Specification change:

Jam 49, 50, 80, and 99 are not detected for jammed paper that are delivered to the purge tray.

Version 1.44:08

Symptoms corrected:

1. The OPC cleaning unit change indication does not display.
2. The stall might occur if Finisher (SR5050, SR5060) staples continuously more than 1000 times on the corner staple mode or more than 500 times on the side staple mode.
3. Jam 251 might occur if the amount of paper in the inserter tray

becomes nearly end.

Version 1.43:08

Symptom corrected:

1. Machine might stall, if the emergency shift try stop switch on finisher is turned on when machine runs on duplex mode.
2. The productivity could be reduced when If SC395 is set, when adjustment mode (process control, temperature, movement of decurler position) works.
3. Machine could freeze or post SC308, if the wire cleaner in charge unit works.

Version 1.42:08

Symptoms corrected:

1. Activating the ITB reverse rotation function in SP2-906-xxx to counter SC395 could cause jams in the optional devices.
2. Machine might not stop or post SC990, if a jam occurs in the optional devices in duplex printing.
3. If a jam occurs while printing a page after a blank page, the machine might not stop even after completing the recovery job.
4. Machine might stall, if an original jams in the ADF.
5. Machine might post SC687, if Jam67 (ADF exit sensor lag error) occurs twice in a row in duplex scanning.

Version 1.41:08

Symptoms corrected:

1. SC569-01 could occur, if opening the front cover while activating the machine.
2. Plockmatic tray full status might not be notified, if connected to the EFI controller.
3. PM couter fails to count for the following parts: Fusing unit, Cleaning web, Web cleaning roller.
4. Machine could freeze or post SC670, if running jobs in low speed mode in duplex with sheets fed from the cover interposer.

Version 1.40:08

Specification Change:

1. OPC drum refreshment mode
2. Fine adjustment of the PTR line speed
3. Modified SP default value accordingly with the modified fusing web motor

Error Correction:

1. If the machine is rebooted after an SC occurrence while saving captured engine logs, log saving is aborted.
2. The system stalls, if a jam occurs in an "interrupted" job assigned to a different output tray.
3. Jams could occur with jobs that require long time in the finishing process, for example, perfect bound booklets printed in

duplex.

4. The machine continues to run idle, if an adjustment is made on the machine in between two different duplex jobs.
5. The system stalls, if a jam occurs in a perfect bound job consisted of 128 or more pages printed in duplex.
6. SC990 is issued in the first job run after recovering from a jam that occurs in any of the finishing peripherals in the initialization process (when the machine power is turned on or when returning from energy saving mode), if the configuration contains the Perfect Binder.
7. SC990 is issued, if the charge counter key card is removed immediately after starting a print job.
8. The system stalls, if fusing temp and decurl adjustments are applied to the same page in a duplex job.
9. SC991 is issued, if the door is opened after a jam occurrence in a duplex job.
10. SC990 might be issued, if a jam occurs in the ADF.
11. The system stalls, if 2 or more sheets are fed in succession from the Cover Interposer Tray in the first job run after turning on the machine power.
12. The system stalls, if the first sheet of the second job is assigned to be fed from the Cover Interposer Tray and the system enters low power mode as a result of a long pause generated between the 2 jobs.
13. The system stalls, if the tray runs out of paper on the very last sheet of a staple job.
14. When creating 3 copies or more perfect bound booklets and the Perfect Binder output tray is opened while running a job, the mainframe engine does not stop and continues to run without notifying an alert message.
15. The system remains "copying" even if the cover sheet being fed from the Perfect Binder cover tray is forcefully pull out from the path.
16. The system stalls, if the "Energy saver" button is pressed and the system enters energy save status while the job is automatically reset as a result of the tray for the signature running out of paper.
17. Productivity of the Perfect Binder decreases.
18. The system stalls, if the Perfect Binder glue temp is adjusted.

Remarks:

Make sure to install this firmware, if connecting the printer to the EFI EB-32 controller.

Version 1.21:08

Error correction:

1. If the decurl unit and process control are adjusted simultaneously, the system stalls.
2. If the paper is fed from the LCT after cancelling paper feed from Tray 2, the system stalls.
3. The PM parts counter cannot be cleared to "0".

Version 1.20:08

Symptoms corrected:

1. Problems involving the Perfect Binder GB5010 were fixed.
2. Toner bottles cannot be ordered automatically with the NRS.
3. Returning from the Energy Saving mode could cause SC687 or the operation panel to freeze.
4. Returning from the Energy Saving mode and opening the front cover causes the operation panel to remain with the "Please wait" message.
5. The operation panel indicates a jam in the Ring Binder RB5020 for a few seconds even when the ring-bound job is successfully fed out to the RB5020 output tray.
6. If the machine power is turned off/on with a jammed sheet remaining in the fusing unit, the system cannot detect the jammed sheet and starts to warm up the fusing unit.
7. PostScript printer driver does not correctly indicate the remaining amount of paper in tray 7.

Version 1.02:08

1st Mass production

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

Symptom Corrected:

1. Jam53 occurs when feeding A4 SEF from Tray1.
2. SC990 may occur in duplex jobs.
3. If the machine stops suddenly (for instance due to a fusing temp trouble), it continues to run idle or displays 670.
4. The following symptoms may be observed after a jam in the DF:
 - SC687
 - SC670
 - Output of a blank page

[Modification history]

Version 4.09:08

Specification Change:

- To prevent SC400, the default value of job end process control setting (below SP codes) has been changed.
 - SP3-533-003 : [Interrupt ProCon] Corr(Short):BW 0.50[-] -> 1.00[-]
 - SP3-534-003 : [JobEnd ProCon :Se] Corr(Short):BW 0.75[-] -> 0.50[-]

Error Correction:

- If the front door of mainframe is opened and closed during the power is turned ON, image missing is occurred on the first page and the machine is run idle.
- If trimmings collection box is full when job is bound by Perfect Binder, machine may be more likely to stall during printing the job.
- In rare occasions, printing cannot start because initialization of the Vacuum Feed LCIT RT5100 does not complete when the power is turned ON.
- In rare occasions, if Jam432(1st Transport Sensor late jam of the Vacuum Feed LCIT RT5100) occurs, printing does not resume even after clearing the jam.

Version 4.08:08

Error Correction:

1. The fusing temperature control does not work as expected when continuously running tray switching jobs (mixed media jobs), resulting in poor fusing.
2. The PM page counter value (%) in SP7-954-*** is incorrect and appears as "0."
3. If attempted to resume printing after a pause by pressing the Emergency Shift Tray Stop switch, the operation panel displays "Printing" but printing does not resume.
4. The machine may stall after purging jammed sheets.
5. If the main power is turned OFF and then ON with the Cover Interposer Tray or the Perfect Binder inserter cover open, the operation panel may not display the "cover open" message.
If attempted to run a job in this state, the system stalls.

6. Jam recovery message appears even if a jam had not occurred, if printed heavy jobs or printed in a slow network environment from the Fiery controller.
7. SC991 may be logged after a jam.
8. The location of the jam is not displayed in the jam removal message, if a jam occurs in the Vacuum Feed LCIT in a job that applies finishing such as stapling or folding.
9. If the tray runs out of paper in a duplex job and then the tray is reloaded, SC990 occurs.
10. If a stapling job is requested simultaneously with another job that applies finishing such as folding or ring-binding, jam occurs and SC670 is posted while purging the jammed sheets.
11. If the tray runs out of paper when attempted to print the first sheet of a duplex job and then the tray is reloaded, the operation panel displays "Printing" but printing does not resume.

Version 4.07:08

Specification Change:

- SC577 was deleted, because the hot roller NC sensor occasionally false detects an abnormal increase of the hot roller.

Version 4.06:08

Error Correction:

1. If the tray had been loaded with paper to clear tray empty status in a limitless paper feeding job from the Vacuum Feed LCIT RT5100, no-feed jam occurs with the first sheet when printing resumes.
2. Jam58 may occur with the first sheet fed from Tray 6 of LCIT RT5070, if the job applies alternate feeding using another tray.
3. SC990 may occur, if paper is alternately fed from Tray 4 of LCIT RT5070 and Multi Bypass Tray BY5010.

Version 4.05:08

Specification Change:

- Automatic detection of SRA3 size on EU machines -
When 12x18 inch or SRA3 is loaded on the tray of an EU machine, the size is automatically detected as SRA3 instead of 12x18.

Note 1: To validate the automatic size detection for LCIT, the firmware of the LCIT must be of the version below or newer.

Large Capacity Tray RT5080: LCT_SIBERIA_G ver.

01.030:05 / LCT2_SIBERIA_G ver. 01.030:05

Vacuum Feed LCIT RT5100: LCT1_ANATOLIA ver. 01.040:06 /

LCT2_ANATOLIA ver. 01.040:06

Note 2: Automatic size detection will not apply to NA machines.

Error Correction:

1. SC513-02 rarely occurs when running a mixed media/size job using trays of the mainframe and LCIT.
2. Running a staple job on the Pro 8100EX/S/EXe/Se model with the Cover Interposer may cause the machine to freeze, if the Cover Interposer tray reaches near end status.
3. The machine may freeze during the paper purging process immediately after a jam occurrence in a finishing peripheral.

Version 4.03:08

Specification Change:

As a solution to the Blurred Image problem, the threshold that triggers the automatic operation of "Clear blurred image" in Strong mode was revised as follows:

- Current threshold: When the absolute humidity reaches 14g/m³
- New threshold: When the absolute humidity reaches +3 against the value set in SP2810-006 (Abs Humidity Disp)

Note 1: The maximum threshold to enter the Strong mode is 14.

Note 2: Impact on toner yield caused by this spec change is within a margin of error (1% or lower).

Error Correction:

1. Jam115 occurs with saddle-stitching jobs.
2. The following PM parts counters are falsely counted, if the Perfect Binder GB5010 and Cover Interposer Tray CI5030 are connected:
 - SP7-621-174 Switchback Torque Limiter
 - SP7-621-175 Deodorant Filter (Upper&Lower)
 - SP7-621-186 Horizontal/Reg Discharge Brush

Version 4.02:08

Specification Change:

- 1) The default value of the following SP values were changed from '10' to '0' for the purpose to prevent toner stains on back side of paper, a problem caused by toner scattered on the entrance guide plate of the PTR unit.
 - SP2-441-001 ITB Bias:Switch Timing: LEdge ON Timing Def: 10 -> 0
 - SP2-441-002 ITB Bias:Switch Timing: TEdge OFF Timing Def: 10 -> 0

Error Correction

- 1) Specifying '1: ON' in SP3-820-041 Refresh UP causes the toner pattern for process control to lengthen in main scan direction, resulting in unwanted increase in toner consumption.
- 2) After turning on the power switch or recovering from the energy saver mode, the feed roller continues to run idle, if the feed trays are switched in the following order:
Mainframe tray 2 or 3 --> LCT --> Mainframe tray 1

- 3) Jam003 occurs with jobs that require switching among the mainframe feed trays 1, 2 and 3.

Version 4.01:08

Specification Change:

- 1) The following SP was added to enable selection of jam purge settings:
SP1909-001 [Force Send to Purge Tray]
0 : Purge Off [Paper in the paper path is not purged to the purge tray.]
1 : Purge On (Decurler to Finisher) [If the Finisher is connected, paper remaining in the Decurler unit is purged to the purge tray.]
2 : Purge On (Decurler to Stacker) [If the Stacker or Finisher is connected, paper remaining in the Decurler unit is purged to the purge tray.]
3 : Purge On (No purge from Decurler) [Paper remaining in the paper path is purged to the purge tray, but paper remaining in the Decurler is not purged.]
- 2) The following SP was added for better effect of the "Clear blurred image" function:
SP2-810-007 Manual execution intensity select
0 : Clear blurred img: Weak
1 : Clear blurred img: Strong

Note:

For the above SP modifications to take effect, update System/Copy to ver2.01 or later.

Error Correction:

- 1) Trays do not switch correctly in limitless paper feeding.
2) If Jam194 occurs by opening the door of the Plockmatic BookletMaker during the energy saver mode, the system cannot recover from the energy saver mode.
3) Machine freezes when it attempts to enter the energy saver mode, due to a job cancellation immediately after printing starts but before the optional devices activate.
4) Updating a f/w while the toner bottle motor is running causes the motor to keep running.

Version 4.00:08

Specification change:

1. The following peripherals are supported
- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100
- Plockmatic Production Booklet Maker 350
- Plockmatic Production Booklet Maker 500
2. Head Edge and Tail Edge position in Cut 3 Edge mode are reversed to be the same cut position as other machine connected perfect binder.

3. The banner which draws attention to replace the opposite roller is displayed on the operation panel when SC453 occurs.
4. When jam 49 or 50 or 80 occur, jammed papers are delivered to the purge tray.
5. Disable Paper Jam Detection is added in SP 1917 Side-to-Side Reg. Disable.
6. Interval time becomes shorter than before when tray is switched.
7. 4 PM counters for the exchange fusing unit are added.
8. Level of SC720-16 and SC720-20 is changed from B to D because paper can not exit to proof tray if these SCs occur.
9. Modified SP default values are as below

SP No.	Default	Unit	Name	Location
1 005 004	-1	mm	Reg Buckle Adj(Thick)	Thick 8
1 021 001	1	-	Skew Detect	Tray1
1 021 002	1	-	Skew Detect	Tray2
1 021 003	1	-	Skew Detect	Tray3
1 021 004	1	-	Skew Detect	Dupx Tray
1 021 005	1	-	Skew Detect	Tray4
1 021 006	1	-	Skew Detect	Tray5
1 021 007	1	-	Skew Detect	Tray6
1 021 008	1	-	Skew Detect	Tray7
2 226 001	950	rpm	Drum Cleaning Mt Rotation Time	95ppm
2 226 002	1008	rpm	Drum Cleaning Mt Rotation Time	110ppm
2 226 003	1162	rpm	Drum Cleaning Mt Rotation Time	135ppm
2 226 004	1337	rpm	Drum Cleaning Mt Rotation Time	150ppm
2 380 005	7	kV	R Corr:LLL	Thresh5:PTR
2 381 005	7	kV	R Corr Thresh:LL	Thresh5:PTR
2 382 005	7	kV	R Corr Thresh:ML	Thresh5:PTR
2 383 005	7	kV	R Corr Thresh:MM	Thresh5:PTR
2 384 005	7	kV	R Corr Thresh:MH	Thresh5:PTR
2 385 005	7	kV	R Corr Thresh:HH	Thresh5:PTR
3 820 001	3	%	Tnr Refresh Mode	Img Area Thresh:K
3 820 021	60	mm	Tnr Refresh Mode	Max Between Patter

Symptoms corrected:

1. When Job Reset key is pushed before cover sheet is fed from the Perfect Binder, reset is not executed until job end.
2. SC 990 might occur when the front cover is opened immediately after exiting SP mode.
3. After jammed papers are removed and stop key is pushed, Stall might occur when job starts.
4. Software voltage limiter is added to the transfer power pack to prevent from electrical leakage from the transfer bias roller.
5. SP2-904-003 and SP2-904-004 are added to SP2-2904 Prevent Blade Bending.
6. SC 990 or SC670 might occur when copy job is continuously conducted.
7. SC 990 might occur when paper can not be delivered to the registration gate on time.
8. SC 990 might occur when printing after activating SP1-995-150.
9. Toner scattering might occur when long paper interval job like small page book folding runs continuously.

10. Jam 001 might occur after recovering from energy saver mode when system enters to energy saver mode with full of the lower left tray of the Perfect Binder.
11. System does not stop when removing papers from the Perfect Binder during recovering of cover sheet jam.
12. Machine might not stop on condition that double feed jam occurs and the following paper stops at particular position.
13. Machine on duplex mode might not stop when CPM down mode is activate, which depends on fusing temperature.
14. System connected with the Perfect Binder might not stop on condition that cover sheets are stored in mainframe's tray, duplex mode, 95CPM.

Remarks:

Execute SP6-901-001 only once after install this firmware to initialize SP values of additional modes and peripherals.

Version 1.47:08

Specification changes:

Software voltage limiter was added to the transfer power pack to prevent electrical leakage from the PTR bias roller, which could cause damage to the transfer power pack.

Symptoms corrected:

If printing 3 or more copies of a glue-bound booklet consisted of exactly 62 pages, the job results in a jam.

Version 1.46:08

Symptom corrected:

1. The machine might freeze, if continuously running staple jobs of small pages in mixed paper sizes.
2. Side effect of a fix implemented in firmware ver. 1.44 causes a slight decrease in productivity with jobs using tray 5 (2nd tray of LCT).

Version 1.45:08

Symptom corrected:

SC465 (PTR motor error) is posted when executing 'clean blurred image.'

Firmware was modified so that the PTR and ITB units are in contact instead of separated during 'clean blurred image' operation.

This is because the small amount of toner helps reduce friction and prevents the cleaning blade from flipping.

Specification change:

Jam 49, 50, 80, and 99 are not detected for jammed paper that are delivered to the purge tray.

Version 1.44:08

Symptoms corrected:

1. The OPC cleaning unit change indication does not display.
2. The stall might occur if Finisher (SR5050, SR5060) staples continuously more than 1000 times on the corner staple mode or more than 500 times on the side staple mode.
3. Jam 251 might occur if the amount of paper in the inserter tray becomes nearly end.

Version 1.43:08

Symptom corrected:

1. Machine might stall, if the emergency shift try stop switch on finisher is turned on when machine runs on duplex mode.
2. The productivity could be reduced when If SC395 is set, when adjustment mode (process control, temperature, movement of decurler position) works.
3. Machine could freeze or post SC308, if the wire cleaner in charge unit works.

Version 1.42:08

Symptoms corrected:

1. Activating the ITB reverse rotation function in SP2-906-xxx to counter SC395 could cause jams in the optional devices.
2. Machine might not stop or post SC990, if a jam occurs in the optional devices in duplex printing.
3. If a jam occurs while printing a page after a blank page, the machine might not stop even after completing the recovery job.
4. Machine might stall, if an original jams in the ADF.
5. Machine might post SC687, if Jam67 (ADF exit sensor lag error) occurs twice in a row in duplex scanning.

Version 1.41:08

Symptoms corrected:

1. SC569-01 could occur, if opening the front cover while activating the machine.
2. Plockmatic tray full status might not be notified, if connected to the EFI controller.
3. PM couter fails to count for the following parts: Fusing unit, Cleaning web, Web cleaning roller.
4. Machine could freeze or post SC670, if running jobs in low speed mode in duplex with sheets fed from the cover interposer.

Version 1.40:08

Specification Change:

1. OPC drum refreshment mode
2. Fine adjustment of the PTR line speed
3. Modified SP default value accordingly with the modified fusing web motor

Error Correction:

1. If the machine is rebooted after an SC occurrence while saving captured engine logs, log saving is aborted.
2. The system stalls, if a jam occurs in an "interrupted" job assigned to a different output tray.
3. Jams could occur with jobs that require long time in the finishing process, for example, perfect bound booklets printed in duplex.
4. The machine continues to run idle, if an adjustment is made on the machine in between two different duplex jobs.
5. The system stalls, if a jam occurs in a perfect bound job consisted of 128 or more pages printed in duplex.
6. SC990 is issued in the first job run after recovering from a jam that occurs in any of the finishing peripherals in the initialization process (when the machine power is turned on or when returning from energy saving mode), if the configuration contains the Perfect Binder.
7. SC990 is issued, if the charge counter key card is removed immediately after starting a print job.
8. The system stalls, if fusing temp and decurl adjustments are applied to the same page in a duplex job.
9. SC991 is issued, if the door is opened after a jam occurrence in a duplex job.
10. SC990 might be issued, if a jam occurs in the ADF.
11. The system stalls, if 2 or more sheets are fed in succession from the Cover Interposer Tray in the first job run after turning on the machine power.
12. The system stalls, if the first sheet of the second job is assigned to be fed from the Cover Interposer Tray and the system enters low power mode as a result of a long pause generated between the 2 jobs.
13. The system stalls, if the tray runs out of paper on the very last sheet of a staple job.
14. When creating 3 copies or more perfect bound booklets and the Perfect Binder output tray is opened while running a job, the mainframe engine does not stop and continues to run without notifying an alert message.
15. The system remains "copying" even if the cover sheet being fed from the Perfect Binder cover tray is forcefully pull out from the path.
16. The system stalls, if the "Energy saver" button is pressed and the system enters energy save status while the job is automatically reset as a result of the tray for the signature running out of paper.
17. Productivity of the Perfect Binder decreases.
18. The system stalls, if the Perfect Binder glue temp is adjusted.

Remarks:

Make sure to install this firmware, if connecting the printer to the

EFI EB-32 controller.

Version 1.21:08

Error correction:

1. If the decurl unit and process control are adjusted simultaneously, the system stalls.
2. If the paper is fed from the LCT after cancelling paper feed from Tray 2, the system stalls.
3. The PM parts counter cannot be cleared to "0".

Version 1.20:08

Symptoms corrected:

1. Problems involving the Perfect Binder GB5010 were fixed.
2. Toner bottles cannot be ordered automatically with the NRS.
3. Returning from the Energy Saving mode could cause SC687 or the operation panel to freeze.
4. Returning from the Energy Saving mode and opening the front cover causes the operation panel to remain with the "Please wait" message.
5. The operation panel indicates a jam in the Ring Binder RB5020 for a few seconds even when the ring-bound job is successfully fed out to the RB5020 output tray.
6. If the machine power is turned off/on with a jammed sheet remaining in the fusing unit, the system cannot detect the jammed sheet and starts to warm up the fusing unit.
7. PostScript printer driver does not correctly indicate the remaining amount of paper in tray 7.

Version 1.02:08

1st Mass production

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*** Basic Information ***
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[Create date] 2018/06/11

[Program Name] Printer

[Version] 2.06

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D7265701P

[File Information]

File Name D7265701P.fwu

File Type Module for Service

Size 3.83 MB (4012368 byte)

[File Information]

File Name D7265701P.rfu

File Type Module for Remote Upgrade

Size 3.83 MB (4018432 byte)

[Availability of RFU] No

[Production reflection] 2018/07

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*** Note ***
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[Note]

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

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

Rank C

Symptom corrected:

- IPDS printing might stall if IPDS jobs are printed continuously.
- It might take time to resume a job if it is suspended while the device is in Energy Saver mode.
- After an SC reboot occurs, if the dialog window stating that the automatic reboot has occurred is not closed, SDK-J applications cannot be started, which results in an SC990 error occurring.

[Modification history]

Version 2.05

Symptom corrected:

- An SC899 error might occur when the RHPP port (port 59100) receives specific data.
- When a job is sent to the device while it is in Energy Saver mode, "Auto Continue" function does not work and a paper size error occurs.

Version 2.04

Other change:

In limitless paper feeding, paper can be fed from a tray other than the priority tray if paper is left in the tray that was fed from before even if the job is different.

Version 2.03

Symptom corrected:

1. While a job is being printed by using Enhanced Locked Print NX v2, some jobs might not start being processed on the device until the current job is finished.
2. In the case that a direct print is performed on a device with ELP-NX v2 installed when a document is currently being printed, the device will freeze after printing is complete.

Version 2.02

Symptom corrected:

The device pauses for 20 to 30 seconds when a job that contains more than 100 pages is to be stapled.

Version 2.01

Symptom corrected:

1. When Finisher SR5050 is installed, Finisher SR5060 is printed on the Printer Configuration Page, and vice versa.
2. After upgrading the printer firmware to version 2.00, the following types of documents that were stored before upgrading cannot be printed:
 - Sample Print
 - Locked Print
 - Hold Print
 - Stored Print

Version 2.00

Supported:

The following peripherals are available.

- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100
- Plockmatic BookletMaker BK5035
- Plockmatic BookletMaker BK5050
- GBC StreamPunch Ultra

Symptom corrected:

A print job conducted from Ricoh Smart Device Print&Scan via Enhanced Locked Print NX FS v2 cannot be printed.

Version 1.06

Symptom corrected:

1. When printing a PDF from an application that uses the extended features of SDK/J, if the selected "Media Type" is "Custom Paper Type (User-defined Paper Type) 67", then the default media type of the printer will be selected as the "Media Type".
2. When the interposer is installed and the bypass tray is not installed, the following media sizes are not displayed in the IPDS Form Settings in Web Image Monitor even though they are supported sizes:
 - 13 x 19
 - 13 x 19.2
 - 12.6 x 19.2
 - 12.6 x 18.5
3. Although Tray 2 and Tray 3 do not support 8 x 10 LEF, an IPDS Form setting in Web Image Monitor that uses that configuration in the IPDS Form Settings can be assigned to the Tray 2 or Tray 3 setting under the Tray Form section of the IPDS Menu.

Version 1.05

Symptom corrected:

1. The Compulsory Security Stamp is not printed under the following conditions:

- "Compulsory Security Stamp: Printer" is enabled in the Administrator Tools of System Settings.
 - The printer displays one of the following languages: Simplified Chinese, Traditional Chinese, Korean, Thai, Hebrew, Arabic, or Turkish.
2. A specific combination of Staple and Punch or Staple and Duplex/Booklet cannot be selected from the SDK application even though the combination is supported.
 3. A specific combination of Staple and Punch or Staple and Duplex/Booklet can be selected from the SDK application even though the combination is not supported; however, the selected configuration is not applied.

Version 1.04

Error Correction

1. When creating or editing an IPDS job in Web Image Monitor and the custom paper size is specified beyond the acceptable range, error message does not appear to notify that the specified custom paper size is invalid.
2. After associating the paper with either the upper or lower Cover Interposer tray and turning the machine power off and on, tray paper association cannot be confirmed in Basic Settings in Web Image Monitor.
3. SC990 (automatic reboot) occurs, if attempted to display the job preview in a job printed via media (SD card inserted to the SD card slot on the mainframe operation panel)

Version 1.03

Symptom corrected:

During printing by using "Enhanced Locked Print NX V2", the operation could stop.

Version 1.02

Symptoms corrected:

Problems involving the Perfect Binder GB5010 were fixed.

Version 1.00

1st Mass production

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*** Basic Information ***
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[Create date] 2017/05/23

[Program Name] PCL

[Version] 1.09

[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.] D7265706G

[File Information]

File Name D7265706G.fwu

File Type Module for Service

Size 1.20 MB (1260216 byte)

[File Information]

File Name D7265706G.rfu

File Type Module for Remote Upgrade

Size 1.21 MB (1265920 byte)

[Production reflection] 2017/06

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*** Note ***
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[Note]

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

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

Symptom corrected:

1. An SC899 error occurs when using the PCL6 driver to print a PDF from the Reader application in Windows 8.1. (GFPR#RA15050002)
2. When printing the contents of an A3 size document on A4 size paper via Direct printing, the text might be distorted.
3. A blank page or missing image is printed out if the print data created by certain applications (such as Microsoft Excel 2010) contains a significant amount of graphics and/or transparent objects.

[Modification history]

Version 1.08

Symptom corrected:

- When characters that contain the incorrect TrueType font data are printed, not only are incorrect characters missing but also are correct characters that follow incorrect characters.(GFPR#RE16030046)
- The image quality output from PCL5 data might be poor if the image was created by using certain applications, such as RICOH Process Director. (GFPR#RE15030034)

Version 1.07

Symptom corrected:

1. An SC899 error might occur when printing a PCL job which contains reduce or enlarge image. (GFPR#RE16020028)
2. Some lines and/or borders might be missing from PCL jobs. (GFPR#RC16040013)

Version 1.06

Supported:

The following peripherals are available.

- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100
- Plockmatic BookletMaker BK5035
- Plockmatic BookletMaker BK5050
- GBC StreamPunch Ultra

Version 1.05

Symptom corrected:

1. The even page of the duplex job cannot be previewed from the SDK application.
2. Text in duplex PCL jobs are shifted and therefore overlap other text when the data is subjected to both of the following conditions:

- Specify the frontside of the page by using the <Esc>&a1G command when the current page is the backside.
 - The offset command <ESC>&l#U or <ESC>&l#Z is used after the drawing command is specified.
(GFPR#RC13060012, GFPR#RE14010003)
3. When printing PCL5 jobs that include a scalable font, an SC899 error occurs or the device automatically reboots when fonts have exceeded the 256-character limit available for download.
(GFPR#RE14020003)
 4. If the glyph data of TrueType fonts includes hinting information that is on the edge of the frame, an SC899 error might occur.
(GFPR#RC14030010)
 5. PCL jobs with a specified clip range might print unnecessary 1-pixel width lines on the printout.
 6. When the print settings are changed for a stored document that includes a banner page, the changed settings are not applied when the document is printed.
 7. When Blank Page Print is disabled, the first page is a blank page, and the pages after the second page are set in the same direction, the printed job might be bound on the wrong edge.
 8. If an image size is big and has been enlarged by using the "Reduce/Enlarge" option in the PCL6 driver, unexpected white lines might appear in the printout.
 9. An image that has had its size downscaled, such as a logo, might not be printed. (GFPR#RE14080016)
 10. If a PCL5 job is printed under certain conditions related to the font header information when using host printing, PCL default fonts are used. (GFPR#RE14100009)
 11. When printing a PCL5 host-printing job in which 32,000 or more of the fill patterns are specified, the device will stall.
 12. Using a bitmap font might result in jobs being cancelled.
(GFPR#RE13100030)
 13. If a raster image is specified in the PCL6 driver to be reduced, be enlarged, or undergo N-up printing, unexpected white lines might appear in the printout. (GFPR#RA14080005, GFPR#RA14110005)

Version 1.02
1st Mass production

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*** Basic Information ***
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[Create date] 2019/03/20

[Program Name] Network Support

[Version] 12.77

[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.] M2635760D

[File Information]

File Name M2635760D.fwu

File Type Module for Service

Size 8.74 MB (9165660 byte)

[File Information]

File Name M2635760D.rfu

File Type Module for Remote Upgrade

Size 8.75 MB (9171200 byte)

[Availability of RFU] No

[Production reflection] 2019/03

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*** Note ***
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[Note]

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

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

Rank C

Symptom corrected:

- There is a probability (1/256) that the SSL connection to the device will fail if the connecting component doesn't have a process to retry the SSL connection.

[Modification history]

Version 12.76

Symptom corrected:

When the device is set to use "IEEE 802.1X" and "TLS1.2" is set to "active", authentication will fail.

Version 12.75

Other changes:

- The factory default setting for SSLv3 has been changed to disabled to avoid the POODLE vulnerability.
- Changed the DH key specification to use 2,048 bits instead of 512 bits to prevent the Logjam vulnerability (CVE-2015-4000). In addition, by modifying this specification, SSL/TLS communication can be established when using Mac OS X 10.10.4 and iOS 8.4.

Version 12.74

1st Mass production

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*** Basic Information ***
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[Create date] 2018/03/29

[Program Name] Printer

[Version] 1.11

[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.] M2635763H

[File Information]

File Name M2635763H.fwu

File Type Module for Service

Size 3.84 MB (4024500 byte)

[File Information]

File Name M2635763H.rfu

File Type Module for Remote Upgrade

Size 3.84 MB (4030720 byte)

[Availability of RFU] Yes

[Production reflection] 2018/04

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

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

Rank C

Symptom corrected:

- When printing a specific job consecutively, it might print upside down.
- IPDS printing might stall if IPDS jobs are printed continuously.
- It might take time to resume a job if it is suspended while the device is in Energy Saver mode.
- After an SC reboot occurs, if the dialog window stating that the automatic reboot has occurred is not closed, SDK-J applications cannot be started, which results in an SC990 error occurring.

[Modification history]

Version 1.10

Symptom corrected:

- An SC899 error might occur when the RHPP port (port 59100) receives specific data.
- When a job is sent to the device while it is in Energy Saver mode, "Auto Continue" function does not work and a paper size error occurs.

Version 1.09

Symptom corrected:

Device startup might stall on the "Please wait" screen when an SD card is not installed.

Version 1.08

Symptom corrected:

While a job is being printed by using Enhanced Locked Print NX v2, some jobs might not start being processed on the device until the current job is finished.

Other change:

In limitless paper feeding, paper can be fed from a tray other than the priority tray if paper is left in the tray that was fed from before even if the job is different.

Version 1.03

Fixed:

- The device pauses for 20 to 30 seconds when a job that contains more than 100 pages is to be stapled.
- In the case that a direct print is performed on a device with ELP-NX v2 installed when a document is currently being printed, the device will freeze after printing is complete.

Version 1.02

Symptom corrected:

When there is no SD card in the service slot, PCL emulation cannot be started.

S/N of the affected units:

M26317

X765C400001 - X765C400007
X765C560001 - X765C560013
X765C960001 - X765C960008
X765CA60001 - X765CA60005
X765CB60001 - X765CB60003
X765CC60001 - X765CC60003

M26417

X775C400001 - X775C400007
X775C560001 - X775C560008
X775C960001 - X775C960002
X775CA60001 - X775CA60006
X775CC60001 - X775CC60001

M26327

X765C470001 - X765C470008
X765C570001 - X765C570017
X765C670001 - X765C670008
X765C770001 - X765C770010
X765C870001 - X765C870003
X765C970001 - X765C970003

M26427

X775C470001 - X775C470007
X775C570001 - X775C570011
X775C670001 - X775C670008
X775C770001 - X775C770008
X775C970001 - X775C970001

Version 1.01

Symptom corrected:

When Finisher SR5050 is installed, Finisher SR5060 is printed on the Printer Configuration Page, and vice versa.

Version 1.00

1st Mass production

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*** Basic Information ***
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[Create date] 2017/05/23

[Program Name] PCL

[Version] 1.06

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M2635768E

[File Information]

File Name M2635768E.fwu

File Type Module for Service

Size 1.20 MB (1262292 byte)

[File Information]

File Name M2635768E.rfu

File Type Module for Remote Upgrade

Size 1.21 MB (1270016 byte)

[Production reflection] 2017/06

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*** Note ***
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[Note]

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

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

Symptom corrected:

1. An SC899 error occurs when using the PCL6 driver to print a PDF from the Reader application in Windows 8.1. (GFPR#RA15050002)
2. When printing the contents of an A3 size document on A4 size paper via Direct printing, the text might be distorted.

[Modification history]

Version 1.05

Symptom corrected:

- When characters that contain the incorrect TrueType font data are printed, not only are incorrect characters missing but also are correct characters that follow incorrect characters. (GFPR#RE16030046)
- The image quality output from PCL5 data might be poor if the image was created by using certain applications, such as RICOH Process Director. (GFPR#RE15030034)

Version 1.04

Symptom corrected:

- Some lines of text and/or dotted lines might be missing when using the PCL overlay macro. (GFPR#RC16040013)
- An SC899 error might occur when printing a PCL job which contains reduce or enlarge image. (GFPR#RE16020028)
- A blank page or missing image is printed out if the print data created by certain applications (such as Microsoft Excel 2010) contains a significant amount of graphics and/or transparent objects.

Version 1.03

Symptom corrected:

When printing a RPCS vector job that contains an image with transparent parts that the RPCS driver generates, the transparent parts are printed in black.

Version 1.02

1st Mass production

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*** Basic Information ***
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[Create date] 2019/02/25

[Program Name] Engine

[Version] 1.12:00

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M2635404N

[File Information]

File Name M2635404N.fwu

File Type Module for Service

Size 7.94 MB (8323572 byte)

[File Information]

File Name M2635404N.rfu

File Type Module for Remote Upgrade

Size 7.95 MB (8331520 byte)

[Availability of RFU] No

[Production reflection] 2019/3

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*** Note ***
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[Note]

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

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

Rank C

Specification Change:

- The waste toner transport motor does not activate even when the machine internal temperature reaches the temperature that triggers motor activation.

[Modification history]

Version 1.11:00

Specification Change:

- Mask the SC558-00

Symptom corrected:

- When a pause is generated during a duplex interleaving process, the engine may run idle and not recover.
- SC670 may occur when running staple jobs and shift tray operation continuously.
- The machine may pause when running staple jobs and shift tray operation.

Version 1.10:00

Symptom Corrected:

1. Jam53 occurs when feeding A4 SEF from Tray1.
2. SC990 may occur in duplex jobs.
3. If the machine stops suddenly (for instance due to a fusing temp trouble), it continues to run idle or displays 670.
4. The following symptoms may be observed after a jam in the DF:
 - SC687
 - SC670
 - Output of a blank page

Version 1.09:00

Specification Change:

- To prevent SC400, the default value of job end process control setting (below SP codes) has been changed.
SP3-533-003 : [Interrupt ProCon] Corr(Short):BW 0.50[-] -> 1.00[-]
SP3-534-003 : [JobEnd ProCon :Se] Corr(Short):BW 0.75[-] -> 0.50[-]

Error Correction:

- If the front door of mainframe is opened and closed during the power is turned ON, image missing is occurred on the first page and the machine is run idle.
- If trimmings collection box is full when job is bound by Perfect Binder, machine may be more likely to stall during printing the job.
- In rare occasions, printing cannot start because initialization of the Vacuum Feed LCIT RT5100 does not complete when the power is turned ON.
- In rare occasions, if Jam432(1st Transport Sensor late jam of the Vacuum Feed LCIT RT5100) occurs, printing does not resume even after clearing the jam.

Version 1.08:00

Error Correction:

1. The fusing temperature control does not work as expected when continuously running tray switching jobs (mixed media jobs), resulting in poor fusing.
2. The PM page counter value (%) in SP7-954-*** is incorrect and appears as "0."
3. If attempted to resume printing after a pause by pressing the Emergency Shift Tray Stop switch, the operation panel displays "Printing" but printing does not resume.
4. The machine may stall after purging jammed sheets.
5. If the main power is turned OFF and then ON with the Cover Interposer Tray or the Perfect Binder inserter cover open, the operation panel may not display the "cover open" message. If attempted to run a job in this state, the system stalls.
6. Jam recovery message appears even if a jam had not occurred, if printed heavy jobs or printed in a slow network environment from the Fiery controller.
7. SC991 may be logged after a jam.
8. The location of the jam is not displayed in the jam removal message, if a jam occurs in the Vacuum Feed LCIT in a job that applies finishing such as stapling or folding.
9. If the tray runs out of paper in a duplex job and then the tray is reloaded, SC990 occurs.
10. If a stapling job is requested simultaneously with another job that applies finishing such as folding or ring-binding, jam occurs and SC670 is posted while purging the jammed sheets.
11. If the tray runs out of paper when attempted to print the first sheet of a duplex job and then the tray is reloaded, the operation panel displays "Printing" but printing does not resume.

Version 1.07:00

Specification Change:

- SC577 was deleted, because the hot roller NC sensor occasionally false detects an abnormal increase of the hot roller.

Version 1.06:00

Error Correction:

1. If the tray had been loaded with paper to clear tray empty status in a limitless paper feeding job from the Vacuum Feed LCIT RT5100, no-feed jam occurs with the first sheet when printing resumes.
2. Jam58 may occur with the first sheet fed from Tray 6 of LCIT RT5070, if the job applies alternate feeding using another tray.
3. SC990 may occur, if paper is alternately fed from Tray 4 of LCIT RT5070 and Multi Bypass Tray BY5010.

Version 1.05:00

Specification Change:

- Automatic detection of SRA3 size on EU machines -
When 12x18 inch or SRA3 is loaded on the tray of an EU machine,

the size is automatically detected as SRA3 instead of 12x18.

Note 1: To validate the automatic size detection for LCIT, the firmware of the LCIT must be of the version below or newer.
Large Capacity Tray RT5080: LCT_SIBERIA_G ver. 01.030:05 / LCT2_SIBERIA_G ver. 01.030:05
Vacuum Feed LCIT RT5100: LCT1_ANATOLIA ver. 01.040:06 / LCT2_ANATOLIA ver. 01.040:06

Note 2: Automatic size detection will not apply to NA machines.

Error Correction:

1. SC513-02 rarely occurs when running a mixed media/size job using trays of the mainframe and LCIT.
2. Running a staple job on the Pro 8100EX/S/EXe/Se model with the Cover Interposer may cause the machine to freeze, if the Cover Interposer tray reaches near end status.
3. The machine may freeze during the paper purging process immediately after a jam occurrence in a finishing peripheral.

Version 1.04:00

Error Correction:
PM parts counter of Perfect Binder GB5010 and Vacuum Feed LCIT RT5100 cannot be cleared correctly.

NOTE: Make sure to update the Engine firmware to version 1.04:00 at your next service visit, if the GB5010 or RT5100 is connected.

Version 1.03:00

Specification Change:
As a solution to the Blurred Image problem, the threshold that triggers the automatic operation of "Clear blurred image" in Strong mode was revised as follows:
- Current threshold: When the absolute humidity reaches 14g/m3
- New threshold: When the absolute humidity reaches +3 against the value set in SP2810-006 (Abs Humidity Disp)

Note 1: The maximum threshold to enter the Strong mode is 14.
Note 2: Impact on toner yield caused by this spec change is within a margin of error (1% or lower).

Error Correction:

1. Jam115 occurs with saddle-stitching jobs.
2. The following PM parts counters are falsely counted, if the Perfect Binder GB5010 and Cover Interposer Tray CI5030 are connected:
 - SP7-621-174 Switchback Torque Limiter
 - SP7-621-175 Deodorant Filter (Upper&Lower)
 - SP7-621-186 Horizontal/Reg Discharge Brush

Version 1.02:00

Specification Change:

- 1) The default value of the following SP values were changed from '10' to '0' for the purpose to prevent toner stains on back side of paper, a problem caused by toner scattered on the entrance guide plate of the PTR unit.
SP2-441-001 ITB Bias:Switch Timing: LEdge ON Timing Def: 10 -> 0
SP2-441-002 ITB Bias:Switch Timing: TEdge OFF Timing Def: 10 -> 0

Error Correction:

- 1) Specifying '1: ON' in SP3-820-041 Refresh UP causes the toner pattern for process control to lengthen in main scan direction, resulting in unwanted increase in toner consumption.
- 2) After turning on the power switch or recovering from the energy saver mode, the feed roller continues to run idle, if the feed trays are switched in the following order:
Mainframe tray 2 or 3 --> LCT --> Mainframe tray 1
- 3) Jam003 occurs with jobs that require switching among the mainframe feed trays 1, 2 and 3.

Version 1.01:00

Specification Change :

- 1) The following SP was added to enable selection of jam purge settings:
SP1909-001 [Force Send to Purge Tray]
0 : Purge Off [Paper in the paper path is not purged to the purge tray.]
1 : Purge On (Decurler to Finisher) [If the Finisher is connected, paper remaining in the Decurler unit is purged to the purge tray.]
2 : Purge On (Decurler to Stacker) [If the Stacker or Finisher is connected, paper remaining in the Decurler unit is purged to the purge tray.]
3 : Purge On (No purge from Decurler) [Paper remaining in the paper path is purged to the purge tray, but paper remaining in the Decurler is not purged.]
- 2) The following SP was added for better effect of the "Clear blurred image" function:
SP2-810-007 Manual execution intensity-select
0 : Clear blurred img: Weak
1 : Clear blurred img: Strong

Note:

For the above SP modifications to take effect, update System to ver1.01 or later.

Error Correction :

- 1) Trays do not switch correctly in limitless paper feeding.
- 2) If Jam194 occurs by opening the door of the Plockmatic BookletMaker during the energy saver mode, the system cannot recover from the energy saver mode.
- 3) Machine freezes when it attempts to enter the energy saver mode, due to a job cancellation immediately after printing starts but

before the optional devices activate.

- 4) Updating a f/w while the toner bottle motor is running causes the motor to keep running.

Version 1.00:00

1st Mass production

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*** Basic Information ***
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[Create date] 2019/03/25

[Program Name] System

[Version] 1.12

[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.] M2635752K

[File Information]

File Name M2635752K.fwu

File Type Module for Service

Size 17.28 MB (18115344 byte)

[File Information]

File Name M2635752K.rfu

File Type Module for Remote Upgrade

Size 17.28 MB (18120960 byte)

[Availability of RFU] No

[Production reflection] 2019/03

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*** Note ***
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[Note]

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

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

Rank C

Symptom corrected:

- Pressing the Fiery button on the operation panel after powering on the machine does not display the "Please Wait" screen.
- Printing does not resume even if the staples are refilled after they run out.

Specification Change:

- The waste toner transport motor does not activate even when the machine internal temperature reaches the temperature that triggers motor activation.

[Modification history]

Version 1.10

Symptom Corrected:

- Character corruption may occur for the paper size described on the "Print the Settings" printed from [Edit Custom Paper], if printed on custom paper size.
- Printing continuously may cause a network error followed by a cancellation of a print request from TotalFlow-PO.
- If an original jams in the sample copy of a stapled job, the first set is not printed out.
- If the Cover Interposer runs out of paper during the job and the tray is reloaded with paper but the paper size is not detected correctly due to poor set, the machine stalls when switching to the succeeding job.

Specification Change:

- The jam removal animation was made more noticeable for better user-friendliness.

Version 1.09

Specification Change:

- To prevent SC400, the default value of job end process control setting (below SP codes) has been changed.
SP3-533-003 : [Interrupt ProCon] Corr(Short):BW 0.50[-] -> 1.00[-]
SP3-534-003 : [JobEnd ProCon :Se] Corr(Short):BW 0.75[-] -> 0.50[-]

Version 1.08

Error Correction

1. The operation panel freezes, if searched for a custom paper that contains 2 byte character in its name.
2. An SC819 error might occur when using network-related functions, such as accessing Web Image Monitor.
3. If a job is interrupted due to a jam or an empty tray and the jam or the tray is removed or replenished and numerous jobs (more than 58 regardless of size) are submitted to the engine at that timing, the interrupted job will not recover.
4. If a job is sent from the Fiery controller while the engine enters the energy saver mode, the engine does not wake up and the job is not run.

5. Duplex jobs printed from the Fiery controller may not be counted correctly.
6. Running stapling jobs from the document server on a system connected to the Fiery controller may cause SC990 after completing the job.

Version 1.07

Error Correction:

1. If toner reaches end status while printing in duplex, the job remains in printing status and cannot be canceled.
2. Animated jam removal instruction of the Vacuum Feed LCIT RT5100 is incorrect.

Version 1.04

Error Correction:

Near-end alert of the fusing cleaning unit does not appear on the operation panel.

Version 1.03

Symptom corrected

1. When the CTS protection function is enabled, the throughput for the wireless LAN connection is reduced.
2. Added the following SP that determines the behavior when the finisher receives a booklet exceeding the maximum number of pages it can staple.

SP5-199-001 Def: 0

- If set to "0", whether to staple or not depends on the spec of the finisher in use.
- If set to "1" and the booklet exceeds the maximum number of pages the finisher can staple, pages are fed out without stapling.
- If set to "2" and the booklet exceeds the maximum number of pages the finisher can staple, pages are stapled up to the maximum number of pages the finisher can staple.

SP5-199-002 Def: 0

- If set to "0", whether to saddle stitch or not depends on the spec of the finisher in use.
- If set to "1" and the saddle-stitch booklet exceeds the maximum number of pages the finisher can staple, pages are fed out without stapling.
- If set to "2", and the saddle-stitch booklet exceeds the maximum number of pages the finisher can staple, pages are stapled up to the maximum number of pages the finisher can staple.

Version 1.02

Specification Change:

- 1) The default value of the following SP values were changed from '10' to '0' for the purpose to prevent toner stains on back

side of paper, a problem caused by toner scattered on the entrance guide plate of the PTR unit.

SP2-441-001 ITB Bias:Switch Timing: LEdge ON Timing Def: 10 -> 0

SP2-441-002 ITB Bias:Switch Timing: TEdge OFF Timing Def: 10 -> 0

Error Correction:

- 1) After turning on the power switch or recovering from the energy saver mode, the feed roller continues to run idle, if the feed trays are switched in the following order:

Mainframe tray 2 or 3 --> LCT --> Mainframe tray 1

Version 1.01

Specification Change:

- 1) The following SP was added to enable selection of the purge setting for jams:

SP1909-001 [Force Send to Purge Tray]

0: Purge Off [Paper in the paper path is not purged to the purge tray.]

1: Purge On (Decurler to Finisher) [If the Finisher is connected, paper remained in the Decurler unit is purged to the purge tray.]

2: Purge On (Decurler to Stacker) [If the Stacker or Finisher is connected, paper remained in the Decurler unit is purged to the purge tray.]

3: Purge On (No purge from Decurler) [Paper remaining in the paper path is purged to the purge tray, but paper remaining in the Decurler is not purged.]

- 2) The following SP was added for better effect of the "Clear blurred image" function:

SP2-810-007 Manual execution intensity-select

0: Clear blurred img: Weak

1: Clear blurred img: Strong

Error Correction:

If "Display" is selected under "Paper Confirmation for Bypass Tray," printing is available only in LEF.

(User Tool -> Printer Features -> System -> Tray Setting Priority -> Paper Confirmation for Bypass Tray)

Version 1.00

1st Mass production

<<Package>>

package_ALL [BARC1a_pk]

D1795506J Ver. 6.00 -> D1795506K Ver. 7.00

<<Separate>>

Network Support [BARC1a_net]

D1795769H Ver. 12.76 -> D1795769K Ver. 12.78

System/Copy [BARC1a_system]

D1795760V Ver. 2.08 -> D1795760X Ver. 2.10

Printer [BARC1d_printer]

D7265700P Ver. 2.06

Printer [BARC1e_printer]

D7265701P Ver. 2.06

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*** Basic Information ***
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[Create date] 2017/07/05

[Program Name] Java VM v11 std for eDC

[Version] 11.38.01

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D7265750N_edc

[File Information]

File Name D7265750N_edc.ifu

File Type Module for Service

Size 58.90 MB (61765272 byte)

[Availability of RFU] No

[Production reflection] 2017/06

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*** Note ***
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[Note]

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

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

Symptom corrected:

- SDK applications (e.g. Streamline NX, GlobalScan NX, CAP/ELP) may not be able to start during the boot process due to a Java VM error.
- If only IPv6 is enabled on the device, utility tools (e.g. Device Manager NX family or Streamline NX v3) will fail to install applications remotely.
- The following issues occur if any device certificate is imported using the Device Manager NX Enterprise Certificate Management Tool.
 - Device Manager NX Enterprise fails to retrieve the information about the application(s) installed on the device.
 - GlobalScan NX fails to apply profiles or retrieve device information when using the AdminTool.

[Modification history]

Version 11.37.00

Symptom corrected:

- If the "Chng Stgs" button is pressed after pressing the "Preview" button in ELP-NX, the "Change Print Settings" configuration may not be set correctly.
- After applying the security update that changes the priority order for cipher suites, SSL communication fails between an application that includes an SSL server function and the Windows operating system.
- When "Tracking Permission" and "Stop Printing" are enabled in "Enhanced Print Volume Limitation", processing of the job might fail.
- SDK application behavior may be incorrect or inconsistent. (CAP/ELP/SLNX/GSNX/etc.)
Both the Standard (Compatibility mode) application and the SOP Optimized (Hybrid mode) application are affected by these issues.
 - Cannot log in.
 - Cannot scan.
 - Cannot print.
 - Error message appears.
- When conducting location-free printing or authentication processing by using a solution product, an SC899 error might occur or Java VM might close unexpectedly and an SC error related to Java VM not responding might occur.
- The DSDK application fails to connect to the LDAP server when using Kerberos authentication.
- Replacing with a new controller board installed with the latest Java VM version may disallow downgrading to previous version or retrieve customized version and cause trouble for users who wish to use specific or customized versions.

Version 11.33.02

Symptom corrected:

- SC637 may occur, if the machine is shut down while printing.
- Sending fax from the document server using IPv4-mapped address may

result in an error.

- An alert message unrelated to scan operation (for example, JAM) appears across the entire screen of the operation panel, disabling scan operation.

Version 11.30.02

Symptom corrected:

- CAP V2 is disabled if switched to Energy Saver mode while CAP V2 starts up after power ON.
- If the firmware is updated remotely while the device is in energy saving mode, the SDK platform may not boot up.
- User information may not be displayed, if a job is run by logging in with the user code authentication.
- Machine response slows down when a trouble occurs in the HDD.
- Less than 128-bit encryption methods will be prohibited.

Version 11.29.02

Symptom corrected:

- Java VM may not start up correctly if the main power switch is turned OFF about three minutes after the "Success" banner is displayed following a successful update of the Java VM using the update tool.
- If Kerberos authentication is performed with an ESA application (e.g. CAP v2, Streamline NX), the handling cannot time out even if the specified time expires.

Version 11.27.00

Symptom corrected:

- The machine cannot enter Energy Saver Mode after repeatedly entering and recovering from the mode.

Version 11.21.00

Error correction

- Supported IC card reader/writer (PR-700UDM).

Version 11.20.00

Symptom corrected:

- If the Finisher Booklet Tray comes off, ELP-NX V2 cannot print if "Check on Print" is set as "Printer Status" in the ELP-NX Configuration Tool.

Version 11.15.01

Fixed:

- When using the scan function continuously on a device with Streamline NX or GS-NX is installed, a "Scanner is in use by another function" error may occur.

Version 11.14.02

Fixed:

- If CAP v2 or Streamline NX is used, card login may not be performed.
- Application switching might not be performed when Steamline NX or 3rd vendor application switches the normal application on the operation panel.
- USB device ESA applications use cannot be used because vender ID and product ID are not correctly registered on the device.
- When the device recieves a lot of data, the device may freeze.
- As for Streamline NX, the login screen immediately after an application change is not displayed.
- ELP-NX V2 does not accept the print job, even if a error code which allows printing to continue is notified.
- When switching a language on the initial setting screen, if the initial setting screen is closed immediately, the display does not switch the language in the ESA application.
- When the device display language is Turkish or Catalan, the ESA application icon does not display on the home screen.

Version 11.13.01

Symptom Corrected:

SC990 occurs when machine is powered on, and it cannot be recovered by the machine reboot.

Version 11.11.01

1st Mass production

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*** Basic Information ***
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[Create date] 2017/07/05

[Program Name] Java VM v11 std UpdateTool

[Version] 11.38.01

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D7265750N_upd

[File Information]

File Name D7265750N_upd.exe

File Type Module for Service

Size 58.75 MB (61600664 byte)

Check Sum -8Bit Sum: DF40

 -16Bit Sum(Little Endian): 55F7

 -16Bit Sum(Big Endian): C949

[Availability of RFU] No

[Production reflection] 2017/06

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*** Note ***
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[Note]

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

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

Symptom corrected:

- SDK applications (e.g. Streamline NX, GlobalScan NX, CAP/ELP) may not be able to start during the boot process due to a Java VM error.
- If only IPv6 is enabled on the device, utility tools (e.g. Device Manager NX family or Streamline NX v3) will fail to install applications remotely.
- The following issues occur if any device certificate is imported using the Device Manager NX Enterprise Certificate Management Tool.
 - Device Manager NX Enterprise fails to retrieve the information about the application(s) installed on the device.
 - GlobalScan NX fails to apply profiles or retrieve device information when using the AdminTool.

[Modification history]

Version 11.37.00

Symptom corrected:

- If the "Chng Stgs" button is pressed after pressing the "Preview" button in ELP-NX, the "Change Print Settings" configuration may not be set correctly.
- After applying the security update that changes the priority order for cipher suites, SSL communication fails between an application that includes an SSL server function and the Windows operating system.
- When "Tracking Permission" and "Stop Printing" are enabled in "Enhanced Print Volume Limitation", processing of the job might fail.
- SDK application behavior may be incorrect or inconsistent.
(CAP/ELP/SLNX/GSNX/etc.)

Both the Standard (Compatibility mode) application and the SOP Optimized (Hybrid mode) application are affected by these issues.

- Cannot log in.
- Cannot scan.
- Cannot print.
- Error message appears.
etc.
- When conducting location-free printing or authentication processing by using a solution product, an SC899 error might occur or Java VM might close unexpectedly and an SC error related to Java VM not responding might occur.
- The DSDK application fails to connect to the LDAP server when using Kerberos authentication.
- Replacing with a new controller board installed with the latest Java VM version may disallow downgrading to previous version or retrieve customized version and cause trouble for users who wish to use specific or customized versions.

Version 11.33.02

Symptom corrected:

- SC637 may occur, if the machine is shut down while printing.
- Sending fax from the document server using IPv4-mapped address may result in an error.
- An alert message unrelated to scan operation (for example, JAM) appears across the entire screen of the operation panel, disabling scan operation.
- If an ESA application is installed to or uninstalled from multiple PCs via Remote Install Manager or SLNX ADM at the same time, the application may not detect the device status for the other installations/uninstallations.

Version 11.30.02

Symptom corrected:

- CAP V2 is disabled if switched to Energy Saver mode while CAP V2 starts up after power ON.
- If the firmware is updated remotely while the device is in energy saving mode, the SDK platform may not boot up.
- User information may not be displayed, if a job is run by logging in with the user code authentication.
- Machine response slows down when a trouble occurs in the HDD.
- Less than 128-bit encryption methods will be prohibited.

Version 11.29.02

Symptom corrected:

- Java VM may not start up correctly if the main power switch is turned OFF about three minutes after the "Success" banner is displayed following a successful update of the Java VM using the update tool.
- If Kerberos authentication is performed with an ESA application (e.g. CAP v2, Streamline NX), the handling cannot time out even if the specified time expires.

Version 11.27.00

Symptom corrected:

- The machine cannot enter Energy Saver Mode after repeatedly entering and recovering from the mode.

Version 11.21.00

Error correction

- Supported IC card reader/writer (PR-700UDM).

Version 11.20.00

Symptom corrected:

- If the Finisher Booklet Tray comes off, ELP-NX V2 cannot print

if "Check on Print" is set as "Printer Status" in the ELP-NX Configuration Tool.

Version 11.15.01

Fixed:

- When using the scan function continuously on a device with Streamline NX or GS-NX is installed, a "Scanner is in use by another function" error may occur.

Version 11.14.02

Fixed:

- If CAP v2 or Streamline NX is used, card login may not be performed.
- Application switching might not be performed when Steamline NX or 3rd vendor application switches the normal application on the operation panel.
- USB device ESA applications use cannot be used because vender ID and product ID are not correctly registered on the device.
- When the device recieves a lot of data, the device may freeze.
- As for Streamline NX, the login screen immediately after an application change is not displayed.
- ELP-NX V2 does not accept the print job, even if a error code which allows printing to continue is notified.
- When switching a language on the initial setting screen, if the initial setting screen is closed immediately, the display does not switch the language in the ESA application.
- When the device display language is Turkish or Catalan, the ESA application icon does not display on the home screen.

Version 11.13.01

Symptom Corrected:

SC990 occurs when machine is powered on, and it cannot be recovered by the machine reboot.

Version 11.11.01

1st Mass production

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*** Basic Information ***
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[Create date] 2019/03/20

[Program Name] Java VM v11 std UpdateTool

[Version] 11.42.00

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M2635782G_upd

[File Information]

File Name M2635782G_upd.exe

File Type Module for Service

Size 58.76 MB (61612590 byte)

Check Sum -8Bit Sum: C582

 -16Bit Sum(Little Endian): 0B52

 -16Bit Sum(Big Endian): 3C30

[Availability of RFU] No

[Production reflection] 2019/03

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*** Note ***
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[Note]

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

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

Rank C

Symptom corrected:

- The SDK application icon might not be displayed after recovering from energy saving mode under the following conditions:
 - An SDK application is set as a priority function.
 - An SDK application is set as a function key.
- SC899-00 may occur if logging in from a keyboard.
- FAX cannot be transmitted if CAP v2 is installed.
- The wrong JavaVM firmware can be mistakenly installed on any machine, possibly leading to unexpected errors occurring with JavaVM or bootup failing.
- The printing speed is not as fast as the past model if CAP V2 is installed.
- The package firmware might not be updated if the firmware includes an application that needs to be rebooted when updated.
- Errors might be occurred by using the Globalscan.
- SDK application might not startup if the Stream Line NX settings changed.
- The SDK application may stop suddenly due to the increase of memory usage.
- Gloria don't start up when power off/on then system settings can't be used.
- When JavaVM launched "NullPointerException" error message may be displayed, and JavaVM startup may fail.

Other changes:

- Minor changes for its internal operations.
- Login might fail if attempting to log in with an IC card while the On-demand Print screen is displayed.

[Modification history]

Version 11.38.01

Symptom corrected:

- SDK applications (e.g. Streamline NX, GlobalScan NX, CAP/ELP) may not be able to start during the boot process due to a Java VM error.
- If only IPv6 is enabled on the device, utility tools (e.g. Device Manager NX family or Streamline NX v3) will fail to install applications remotely.
- The following issues occur if any device certificate is imported using the Device Manager NX Enterprise Certificate Management Tool.
 - Device Manager NX Enterprise fails to retrieve the information about the application(s) installed on the device.
 - GlobalScan NX fails to apply profiles or retrieve device information when using the AdminTool.

Version 11.37.00

Symptom corrected:

- If the "Chng Stgs" button is pressed after pressing the "Preview" button in ELP-NX, the "Change Print Settings" configuration may not be set correctly.
- After applying the security update that changes the priority order for cipher suites, SSL communication fails between an application that includes an SSL server function and the Windows operating system.
- When "Tracking Permission" and "Stop Printing" are enabled in "Enhanced Print Volume Limitation", processing of the job might fail.

- SDK application behavior may be incorrect or inconsistent.
(CAP/ELP/SLNX/GSNX/etc.)
Both the Standard (Compatibility mode) application and the SOP Optimized (Hybrid mode) application are affected by these issues.
- Cannot log in.
- Cannot scan.
- Cannot print.
- Error message appears.
etc.
- When conducting location-free printing or authentication processing by using a solution product, an SC899 error might occur or Java VM might close unexpectedly and an SC error related to Java VM not responding might occur.
- The DSDK application fails to connect to the LDAP server when using Kerberos authentication.
- Replacing with a new controller board installed with the latest Java VM version may disallow downgrading to previous version or retrieve customized version and cause trouble for users who wish to use specific or customized versions.

Version 11.33.02

Symptom corrected:

- SC637 may occur, if the machine is shut down while printing.
- Sending fax from the document server using IPv4-mapped address may result in an error.
- If an ESA application is installed to or uninstalled from multiple PCs via Remote Install Manager or SLNX ADM at the same time, the application may not detect the device status for the other installations/uninstallations.

Version 11.30.02

Symptom corrected:

- CAP V2 is disabled if switched to Energy Saver mode while CAP V2 starts up after power ON.
- If the firmware is updated remotely while the device is in energy saving mode, the SDK platform may not boot up.
- User information may not be displayed, if a job is run by logging in with the user code authentication.
- Machine response slows down when a trouble occurs in the HDD.
- Less than 128-bit encryption methods will be prohibited.

Version 11.29.02

Symptom corrected:

- Java VM may not start up correctly if the main power switch is turned OFF about three minutes after the "Success" banner is displayed following a successful update of the Java VM using the update tool.
- If Kerberos authentication is performed with an ESA application (e.g. CAP v2, Streamline NX), the handling cannot time out even if the specified time expires.

Version 11.27.00
1st Mass production

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*** Basic Information ***
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[Create date] 2019/03/20

[Program Name] Java VM v11 std for eDC

[Version] 11.42.00

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] M2635782G_edc

[File Information]

File Name M2635782G_edc.ifu

File Type Module for Service

Size 58.91 MB (61774620 byte)

[Availability of RFU] No

[Production reflection] 2019/03

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*** Note ***
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[Note]

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

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

Rank C

Symptom corrected:

- The SDK application icon might not be displayed after recovering from energy saving mode under the following conditions:
 - An SDK application is set as a priority function.
 - An SDK application is set as a function key.
- SC899-00 may occur if logging in from a keyboard.
- FAX cannot be transmitted if CAP v2 is installed.
- The wrong JavaVM firmware can be mistakenly installed on any machine, possibly leading to unexpected errors occurring with JavaVM or bootup failing.
- The printing speed is not as fast as the past model if CAP V2 is installed.
- The package firmware might not be updated if the firmware includes an application that needs to be rebooted when updated.
- Errors might be occurred by using the GlobalScan.
- SDK application might not startup if the Stream Line NX settings changed.
- The SDK application may stop suddenly due to the increase of memory usage.
- Gloria don't start up when power off/on then system settings can't be used.
- When JavaVM launched "NullPointerException" error message may be displayed, and JavaVM startup may fail.

Other changes:

- Minor changes for its internal operations.
- Login might fail if attempting to log in with an IC card while the On-demand Print screen is displayed.

[Modification history]

Version 11.38.01

Symptom corrected:

- SDK applications (e.g. Streamline NX, GlobalScan NX, CAP/ELP) may not be able to start during the boot process due to a Java VM error.
- If only IPv6 is enabled on the device, utility tools (e.g. Device Manager NX family or Streamline NX v3) will fail to install applications remotely.
- The following issues occur if any device certificate is imported using the Device Manager NX Enterprise Certificate Management Tool.
 - Device Manager NX Enterprise fails to retrieve the information about the application(s) installed on the device.
 - GlobalScan NX fails to apply profiles or retrieve device information when using the AdminTool.

Version 11.37.00

Symptom corrected:

- If the "Chng Stgs" button is pressed after pressing the "Preview" button in ELP-NX, the "Change Print Settings" configuration may not be set correctly.
- After applying the security update that changes the priority order for cipher suites, SSL communication fails between an application that includes an SSL server function and the Windows operating system.
- When "Tracking Permission" and "Stop Printing" are enabled in "Enhanced Print Volume Limitation", processing of the job might fail.
- SDK application behavior may be incorrect or inconsistent. (CAP/ELP/SLNX/GSNX/etc.)
Both the Standard (Compatibility mode) application and the SOP

Optimized (Hybrid mode) application are affected by these issues.

- Cannot log in.
 - Cannot scan.
 - Cannot print.
 - Error message appears.
- etc.

- When conducting location-free printing or authentication processing by using a solution product, an SC899 error might occur or Java VM might close unexpectedly and an SC error related to Java VM not responding might occur.
- The DSDK application fails to connect to the LDAP server when using Kerberos authentication.
- Replacing with a new controller board installed with the latest Java VM version may disallow downgrading to previous version or retrieve customized version and cause trouble for users who wish to use specific or customized versions.

Version 11.33.02

Symptom corrected:

- SC637 may occur, if the machine is shut down while printing.
- Sending fax from the document server using IPv4-mapped address may result in an error.
- If an ESA application is installed to or uninstalled from multiple PCs via Remote Install Manager or SLNX ADM at the same time, the application may not detect the device status for the other installations/uninstallations.

Version 11.30.02

Symptom corrected:

- CAP V2 is disabled if switched to Energy Saver mode while CAP V2 starts up after power ON.
- If the firmware is updated remotely while the device is in energy saving mode, the SDK platform may not boot up.
- User information may not be displayed, if a job is run by logging in with the user code authentication.
- Machine response slows down when a trouble occurs in the HDD.
- Less than 128-bit encryption methods will be prohibited.

Version 11.29.02

Symptom corrected:

- Java VM may not start up correctly if the main power switch is turned OFF about three minutes after the "Success" banner is displayed following a successful update of the Java VM using the update tool.
- If Kerberos authentication is performed with an ESA application (e.g. CAP v2, Streamline NX), the handling cannot time out even if the specified time expires.

Version 11.27.00

1st Mass production

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*** Basic Information ***
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[Create date] 2019/03/20

[Program Name] System/Copy

[Version] 2.12

[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.] D1795760Z

[File Information]

File Name D1795760Z.fwu

File Type Module for Service

Size 21.21 MB (22241748 byte)

[File Information]

File Name D1795760Z.rfu

File Type Module for Remote Upgrade

Size 21.22 MB (22249728 byte)

[Availability of RFU] No

[Production reflection] 2019/03

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*** Note ***
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[Note]

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

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

Rank C

Symptom corrected:

- Toner density is higher than target (due to inappropriate process control parameter) and causes the following:
 - * Y and M toner stains on paper edges
 - * SC499-40 (caused by Y toner)

Specification Change:

- The waste toner transport motor does not activate even when the machine internal temperature reaches the temperature that triggers motor activation.

[Modification history]

Version 2.11

Rank C

Symptom corrected:

- Printer capture data might not be sent when printing a blank page if the capture function is enabled.

Version 2.10

Rank C

Symptom corrected:

- Printing does not resume even if the staples are refilled after they run out.
- Pressing the Fiery button on the operation panel after powering on the machine does not display the "Please Wait" screen.

Version 2.09

Other changes:

- Newly added SMBv2/v3 support.
This firmware is dependent on the following firmware modules.
Please be sure to update all of them:

System/Copy v2.09 (D1795760W)

Network Support v12.77.1 (D1795769J)

Web Support v2.05 (D1795765M)

Scanner v02.04 (D7265704G)

OpePanel

- General model: v2.02 (D1797290J)
- Koria model: v2.02 (D1797295E)

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

Version 2.08

Specification Change:

The jam removal animation was made more noticeable for better user-friendliness.

Symptom Corrected:

- An abnormal images may appear in a saddle-stitched PostScript magazine job, if the booklet contains a blank page.
- If an original jams in the sample copy of a stapled job, the first set is not printed out.
- If the Cover Interposer runs out of paper during the job and the tray is reloaded with paper but the paper size is not detected correctly due to poor set, the machine stalls when switching to the succeeding job.

Other changes:

Added an SP setting for enabling or disabling the "Screen Monitoring" function.

SP5-885-205: default = 0 ("Screen Monitoring" is enabled)

This firmware is dependent on Web Support firmware v2.04 (D1795765L) or later, so please be sure to update that firmware as well.

Version 2.07

Specification Change:

- To prevent SC400, the default value of job end process control setting (below SP codes) has been changed.
SP3-533-003 : [Interrupt ProCon] Corr(Short):BW 0.50[-] -> 1.00[-]
SP3-534-003 : [JobEnd ProCon :Se] Corr(Short):BW 0.75[-] -> 0.50[-]

Version 2.06

Error Correction:

1. The operation panel freezes, if searched for a custom paper that contains 2 byte character in its name.
2. Log-in may fail, if attempted to log in with an IC card with SDK applications (CAP/ELP/SLNX/GSNX/etc.).
3. An SC819 error might occur when using network-related functions, such as accessing Web Image Monitor.
4. If a job is interrupted due to a jam or an empty tray and the jam or the tray is removed or replenished and numerous jobs (more than 58 regardless of size) are submitted to the engine at that timing, the interrupted job will not recover.
5. If a job is sent from the Fiery controller while the engine enters the energy saver mode, the engine does not wake up and the job is not run.
6. Remaining printing time displayed is incorrect (e.g. 999min) for jobs printed from the document server.
7. Duplex jobs printed from the Fiery controller may not be counted correctly.
8. Running stapling jobs from the document server on a system connected to the Fiery controller may cause SC990 after completing the job.
9. If a job using the Interposer tray is interrupted due to a jam or an empty tray, the job cannot resume as it is forcefully cancelled.

Version 2.05

Error Correction:

- The operation panel freezes, if searched for a custom paper that contains 2 byte character in its name.
- If operations that lead to the Copy home screen are performed multiple times,

a message appears indicating that copy settings have been deleted because the panel displayed excess number of screens.

- Animated jam removal instruction of the Vacuum Feed LCIT RT5100 is incorrect.
- If an email with an attachment is received and displayed in an Office365 environment after a ScanToEmail operation, the content of the attached file appears in the body of the email message with the characters corrupted.
- If toner reaches end status while printing in duplex, the job remains in printing status and cannot be canceled.
- Hard keys become ineffective on the Copy screen, if operated as follows:
 - Log in and copy either on the exposure glass or from ADF, or run a batch copy job.
 - Press the Stop key before the copies are delivered.
 - Manually or automatically log out.
 - Log in again.

Version 2.04

Error Correction:

- Printing speed slows down when switching trays in an IPDS job.

Version 2.03

Specification Change:

Added the following SP that determines the behavior when the finisher receives a booklet exceeding the maximum number of pages it can staple.

SP5-199-001 Def: 0

- If set to "0", whether to staple or not depends on the spec of the finisher in use.
- If set to "1" and the booklet exceeds the maximum number of pages the finisher can staple, pages are fed out without stapling.
- If set to "2" and the booklet exceeds the maximum number of pages the finisher can staple, pages are stapled up to the maximum number of pages the finisher can staple.

SP5-199-002 Def: 0

- If set to "0", whether to saddle stitch or not depends on the spec of the finisher in use.
- If set to "1" and the saddle-stitch booklet exceeds the maximum number of pages the finisher can staple, pages are fed out without stapling.
- If set to "2" and the saddle-stitch booklet exceeds the maximum number of pages the finisher can staple, pages are stapled up to the maximum number of pages the finisher can staple.

Symptom corrected:

1. When scanning an original containing multiple pages with the Twain driver, error (code: 36856) occurs on the client PC and scan stops midway.
2. The Quick Scan app may freeze under the following conditions:
 - Scanning is set to display the Preview at the same time the data is being stored
 - The user displays the Preview after scanning is completed
3. When scanning with "Hungarian" or "Polish" selected

under "Cognitive Language" in "OCR Settings", if the value of a Unicode character exceeds 256, then the character will be converted to a question mark ("?").

This firmware is dependent on the following firmware module. Please be sure to update it:
- Scanner firmware: v02.02 or later.

Version 2.02

Specification Change:

- 1) The default value of the following SP values were changed from '10' to '0' for the purpose to prevent toner stains on back side of paper, a problem caused by toner scattered on the entrance guide plate of the PTR unit.
SP2-441-001 ITB Bias:Switch Timing: LEEdge ON Timing Def: 10 -> 0
SP2-441-002 ITB Bias:Switch Timing: TEEdge OFF Timing Def: 10 -> 0

Error Correction:

- 1) After turning on the power switch or recovering from the energy saver mode, the feed roller continues to run idle, if the feed trays are switched in the following order:
Mainframe tray 2 or 3 --> LCT --> Mainframe tray 1
- 2) "Address Book Mangmnt" in User Tools can falsely be pressed even during printing, causing the counter value of each user to be incorrect.

Version 2.01

Specification Change:

- 1) The following SP was added to enable selection of the purge setting for jams:
SP1909-001 [Force Send to Purge Tray]
0 : Purge Off [Paper in the paper path is not purged to the purge tray.]
1 : Purge On (Decurler to Finisher) [If the Finisher is connected, paper remained in the Decurler unit is purged to the purge tray.]
2 : Purge On (Decurler to Stacker) [If the Stacker or Finisher is connected, paper remained in the Decurler unit is purged to the purge tray.]
3 : Purge On (No purge from Decurler) [Paper remaining in the paper path is purged to the purge tray, but paper remaining in the Decurler is not purged.]
- 2) The following SP was added for better effect of the "Clear blurred image" function:
SP2-810-007 Manual execution intensity select
0 : Clear blurred img: Weak
1 : Clear blurred img: Strong

Error Correction:

- 1) Operation panel hangs when attempted to log out from the user authentication process with the "Reset" key, if after having

- submitted a large copy job.
- 2) If simplified Chinese characters are included in the email information, data transmission fails or the texts of the body of the email corrupt.
 - 3) If "Display" is selected under "Paper Confirmation for Bypass Tray," printing is available only in LEF.
(User Tool -> Printer Features -> System -> Tray Setting Priority -> Paper Confirmation for Bypass Tray)
 - 4) Selecting both "SP5045-001 [Accounting counter] Counter Method" and "SP5104-001 [Counter Size Setting] (Printer Model Only) A3/DLT Double Count" should be a constraint, but both are selectable and causes the counter to count up falsely.
 - 5) Program was corrected to support the Wi-Fi certification.
 - 6) Administrator log in screen does not appear after replacing the controller board, NVRAM, etc.

Version 2.00

Specification Change

1. The following peripherals are supported
 - High Capacity Stacker SK5030
 - Vacuum Feed LCIT RT5100
 - Plockmatic Production Booklet Maker 350
 - Plockmatic Production Booklet Maker 500
 - GBC Stream Punch Ultra
2. Portuguese orthography support

Symptoms corrected:

1. After SP5-730-001 is activated,.JavaVM might not start up when turning power on.
2. Stall might occur when the double feed jam occurs.
3. SC819-00 might occur when using Scan to Folder mode.
4. SC might occur when copying on both combine and magazine mode.
5. Language can not be changed after exiting from System Setting.
6. SC816-38 might occur when entering to Energy saver mode.
7. Machine might not recover from Energy saver mode.
8. Certain Polish characters might be full of garble on OCR mode.

Version 1.08

Specification Change:

New menu item is added in Adjustment Settings for Skilled Operators.

Additional information:

No.0311 Registration Jam Detection with Feed Direction
Values [ON], [Off], Default value [On]

Note:

This function is valid if firmware version of operation panel (D1797290G:NA/EU) is version 1.07 or later. If not, install appropriate version.

D1797295C: Version 1.04 for Korea

Version 1.07

Specification Change:

The new IC card reader/writer is applied (only in Japan)

Version 1.06

Specification Changes:

1) A new function which displays the estimated time required to obtain the debug logs on the operation panel was added with the following new SP.

SP	Description
----	-------------

SP5-857-151	Displays the estimated time required to capture all of the following debug logs and download the SMC data:
-------------	--

- Controller
- Engine
- Operation panel
- SMC

SP5-857-152	Displays the estimated time required to capture the Controller debug log
-------------	--

SP5-857-153	Displays the estimated time required to capture the Engine debug log
-------------	--

SP5-857-154	Displays the estimated time required to capture the Operation panel debug log
-------------	---

SP5-857-155	Displays the estimated time required to download the SMC data
-------------	---

Error messages:

Negative figures are displayed to indicate errors.

See table below for the corresponding error.

Negative figures	Error
------------------	-------

-1min	Other errors
-2min	SD card slots on the operation panel and controller box are both empty.
-3min	SD card is set to write-protection. Unlock the slider on the SD card.
-4min	Start date (SP5-857-101) is set older than the end date (SP5-587-102).

Note:

- Error message '0 min' appears, if debug logs are not captured during the specified start/end dates.
- SC might occur, if the SD card is inserted while the machine power is turned on. Make sure to turn off the machine power before inserting the SD card.
- In order to enable this feature, the following two firmwares must be installed.
 - OpePanel Ver.1.05 (D01797290E) or later
 - or
 - OpePanel_KOR Ver.1.02 (D01797295A) or later
- and

- System/Copy Ver.1.06 (D1795760H) or later

- 2) Debug log capture using the SD card has been made available using the SD card slot #2 on the controller box. Time required to capture the logs has been reduced to 2/3 compared to log capturing using the SD card slot on the operation panel.

Symptoms Corrected:

1. The system is slow and takes several minutes when attempted to enter the SP mode after turning on the main power switch.
2. If the administrator authentication is enabled, user cannot change the login password for Folder Authentication in the address book.
3. The document box screen does not appear when the machine power is turned on and the system stalls after the screen appears after repeatedly logging in and out with user authentication.
4. Printing the SMC could cause the IP and MAC addresses to appear in 0.
5. SC991 is posted when the New PM System alerts near-end notification via @Remote.

Version 1.05

Specification Changes:

1. Korean language support
2. Cloud CDN (contents delivery Network) service support for the Embedded RC Gate
3. Support of @Remote for IPv6
4. New function enabling upgrade of multiple firmware in batches
5. Backport of remotely capture Logs and SMC for older firmware versions

Symptoms Corrected:

1. Machine cannot recover from the Energy Saving mode.
2. SC819 is posted following an SC816-38 when the system enters the Energy Saving mode.
3. SC370-02 is posted when using the Type-EX controller.
4. Registration of transparent texts is poor when using the Searchable PDF feature.
5. SC997 might be posted when turning on the main power switch.

Version 1.04

Specification Change:

Make sure to install this firmware, if connecting the printer to the EFI EB-32 controller.

Error Correction:

1. If rebooting the machine with a particular combination of settings made on the scan application, SC899 occurs and the scan application does not activate.
2. A banner message indicating to replace the controller board

appears on the operation panel upon activation or returning from the energy saving mode.

3. Trailing edge of a transmitted scanned job shows black streaks caused by network packet corruption.
4. SC672 could occur when activating the machine.
5. SC899 occurs when entering or returning from the energy saving mode.
6. The sub machine stalls when printing with the Copy Connector option.
7. If the OK or Cancel button on the operation panel is pressed in the administrator password setting window, the window closes before completing the settings followed by abnormal behavior and SC816.

Version 1.03

Specification Change:

1. Security enhancement feature

A new window for entering a password appears when turning on the machine power for the first time where the user is obliged to change the administrator password and create a new one.

2. Engine SP modification

SP values for the fusing unit cleaning web was modified accordingly with the modified web motor.

Error Correction:

1. When using cover sheets and the fold options on the FD5020 certain jobs could not be run.
2. Specifying the Compulsory Security Stamp feature in System Settings causes SC819.
3. Entering the energy saving mode causes SC672-11/12 due to a fault in the power supply circuit. (Hardware modification was implemented separately for problems originating in the hardware.)

Version 1.02

Symptoms corrected:

Problems involving the Perfect Binder GB5010 were fixed.

Version 1.01.1

1st Mass production

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*** Basic Information ***
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[Create date] 2019/03/20

[Program Name] Web Support

[Version] 2.06

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D1795765N

[File Information]

File Name D1795765N.fwu

File Type Module for Service

Size 6.36 MB (6672892 byte)

[File Information]

File Name D1795765N.rfu

File Type Module for Remote Upgrade

Size 6.37 MB (6680832 byte)

[Availability of RFU] Yes

[Production reflection] 2019/03

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*** Note ***
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[Note]

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

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

Rank C

Symptom corrected:

- The XSS vulnerability of screens in the Address Book that was pointed out in CVE-2018-15884 has been fixed.
- Ricoh devices already had a countermeasure to protect against the CSRF vulnerability pointed out in CVE-2018-15884.

[Modification history]

Version 2.05

Other changes:

- Newly added SMBv2/v3 support.
- This firmware is dependent on the following firmware modules.
Please be sure to update all of them:

System/Copy v2.09 (D1795760W)

Network Support v12.77.1 (D1795769J)

Web Support v2.05 (D1795765M)

Scanner v02.04 (D7265704G)

OpePanel

- General model: v2.02 (D1797290J)
- Koria model: v2.02 (D1797295E)

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

Version 2.04

Other changes:

- Added an SP setting for enabling or disabling the "Screen Monitoring" function.
SP5-885-205: default = 0 ("Screen Monitoring" is enabled)
- This firmware is dependent on System/Copy firmware v2.08 (D1795760V) or later,
so please be sure to update that firmware as well.

Version 2.03

Symptom corrected:

When Vacuum Feed LCIT RT5100 is installed and Large Capacity Tray RT5080 is not installed, if the home page of Web Image Monitor is navigated to after assigning the user-defined paper that was previously set in some trays, an "HTTP 500" error occurs.

Version 2.02

Symptom corrected:

Fixed incorrect Korean wording in Web Image Monitor.

Version 2.01

Symptom corrected:

- Minor bug correction.

Version 2.00

Specification Change:

1. The banner which draws attention to replace the opposite roller is displayed on the operation panel when SC453 occurs
2. The following peripherals are supported
 - High Capacity Stacker SK5030
 - Vacuum Feed LCIT RT5100
 - Plockmatic Production Booklet Maker 350
 - Plockmatic Production Booklet Maker 500
 - GBC Stream Punch Ultra

Version 1.08

Error Correction:

Mistranslation correction

Version 1.07

Specification Change:

Korean language support

Version 1.06

Error Correction:

SC899 occurs if the address book is accessed in Web Image Monitor simultaneously by multiple users.

Version 1.05

Symptoms corrected:

Problems involving the Perfect Binder GB5010 were fixed.

Version 1.04

1st Mass production

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*** Basic Information ***
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[Create date] 2019/03/20

[Program Name] Network Support

[Version] 12.79

[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.] D1795769L

[File Information]

File Name D1795769L.fwu

File Type Module for Service

Size 9.78 MB (10258236 byte)

[File Information]

File Name D1795769L.rfu

File Type Module for Remote Upgrade

Size 9.79 MB (10264832 byte)

[Availability of RFU] No

[Production reflection] 2019/03

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*** Note ***
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[Note]

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

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

Rank C

Symptom corrected:

- There is a probability (1/256) that the SSL connection to the device will fail if the connecting component doesn't have a process to retry the SSL connection.

[Modification history]

Version 12.78

Rank C

Symptom corrected:

- When the device is in Energy Saver Mode, if information about the network interface for the device is being obtained from the SNMP Manager application, nonexistent errors are recorded in the system logs.
- SMB client timeout configuration is not correctly applied in the device.
- SC899 occurs when conducting Scan to Folder, and the device might automatically restart.
- When conducting Scan to Folder, if a host name is resolved to multiple IP addresses by NBNS, the device tries to connect to only the first resolved IP address.
- When a HP device is working on the same subnet, Scan to Folder will fail.
- Network browsing sometimes fails when conducting Scan to Folder.
- SC819 might occur after updating firmware remotely.
- If the device has not been used a significant amount of times, functions that require a network connection might fail.
- The device might freeze during data transmission when conducting Scan to Folder with SMBv2/v3.
- When conducting Scan to Folder in a high-load network environment, the device's status gets stuck on sending and the scanner becomes unusable.
- When conducting Scan to Folder using SMBv2/v3, if the device receives UDP communication from the outside to the port used by SMBv2/v3, Scan to Folder might fail.

Version 12.77.1

Other changes:

- Newly added SMBv2/v3 support.
This firmware is dependent on the following firmware modules.
Please be sure to update all of them:

System/Copy v2.09 (D1795760W)

Network Support v12.77.1 (D1795769J)

Web Support v2.05 (D1795765M)

Scanner v02.04 (D7265704G)

OpePanel

- General model: v2.02 (D1797290J)

- Koria model: v2.02 (D1797295E)

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

Version 12.76

Symptom corrected:

When the device is set to use "IEEE 802.1X" and "TLS1.2" is set to "active", authentication will fail.

Version 12.75

Other changes:

Changed the DH key specification to use 2,048 bits instead of 512 bits to prevent the Logjam vulnerability (CVE-2015-4000). In addition, by modifying this specification, SSL/TLS communication can be established when using Mac OS X 10.10.4 and iOS 8.4.

Version 12.74

Specification change:

The factory default setting for SSLv3 has been changed to disabled to avoid the POODLE vulnerability.

Version 12.73

Symptom corrected:

1. When resuming from an Energy Saver mode, functions that use HTTP, including Web Image Monitor, might not be usable and the device might not be operable.
2. When SP5-985-001 is set to "0" (disabled) and SP5-985-002 is set to "1" (enabled), an SC997 error might occur if repeatedly switching between the home screen and the system settings screen.
3. When conducting IPP printing on Mac OS X 10.9, the document might not print.
4. When running the port scan tool via the IPP port (TCP 631), an SC899 error might occur.
5. When the device is in Energy Saver Mode, if information about the network interface for the device is being obtained from the SNMP Manager application, nonexistent errors are recorded in the system logs.
6. When the display language of the operation panel is set to Catalan, Scan to Folder fails.

Other changes:

When printing from the Windows operating system, if the RAW protocol is used for the standard TCP/IP port, a significant amount of time might pass until the next job is printed. Because of this, the initial print timeout period is changed to 15 seconds and the shortest timeout period that can be set is changed to 5 seconds.

Version 12.71

Specification Change:

Support of @Remote for IPv6.

Version 12.70

Error Correction:

If cancelled to send a scan job on DSM (Distributed Scan Management, a Windows Server feature), pages in the succeeding job is missing.

Version 12.69

1st Mass production

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

[Create date] 2017/09/07

[Program Name] OpePanel

[Version] 2.02

[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) KOR(ja,en,f,e,d,i,nl,s,n,dk,sf,p,pl,h,cz,ru,sc,tc,kr,tr,gr)

[Firmware No.] D1797295E

[File Information]

File Name D1797295E.fwu

File Type Module for Service

Size 50.63 MB (53088440 byte)

[File Information]

File Name D1797295E.rfu

File Type Module for Remote Upgrade

Size 50.64 MB (53096704 byte)

[Availability of RFU] Yes

[Production reflection]

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*** Note ***
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[Note]

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

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

Other changes:

- Newly added SMBv2/v3 support.
- This firmware is dependent on the following firmware modules.
Please be sure to update all of them:

System/Copy v2.09 (D1795760W)
Network Support v12.77.1 (D1795769J)
Web Support v2.05 (D1795765M)
Scanner v02.04 (D7265704G)
OpePanel
- General model: v2.02 (D1797290J)
- Koria model: v2.02 (D1797295E)

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

[Modification history]

Version 2.01

Specification Change:

1. The following peripherals are supported
 - High Capacity Stacker SK5030
 - Vacuum Feed LCIT RT5100
 - Plockmatic Production Booklet Maker 350
 - Plockmatic Production Booklet Maker 500
 - GBC Stream Punch Ultra
2. Portuguese orthography support

Symptom correction:

- The contents of tray might disappear when tray button is pushed
- There are blank spaces when using traditional Chinese character

Version 1.04

Specification Change:

New menu item is added in Adjustment Settings for Skilled Operators.

Additional information:

No.0311 Registration Jam Detection with Feed Direction
Values [ON], [Off], Default value [On]

Note:

This function is valid if firmware version of system/copy
(D1795760K) is version 1.08 or later. If not, install appropriate
version.

Version 1.03

Symptom Corrected:

The response of the operation panel could become gradually slow if the machine continues to be used without turning off the main switch.

Version 1.02

Specification Changes:

- 1) A new function which displays the estimated time required to obtain the debug logs on the operation panel was added with the following new SP.

SP	Description
----	-------------

SP5-857-151	Displays the estimated time required to capture all of the following debug logs and download the SMC data:
-------------	--

- Controller
- Engine
- Operation panel
- SMC

SP5-857-152	Displays the estimated time required to capture the Controller debug log
-------------	--

SP5-857-153	Displays the estimated time required to capture the Engine debug log
-------------	--

SP5-857-154	Displays the estimated time required to capture the Operation panel debug log
-------------	---

SP5-857-155	Displays the estimated time required to download the SMC data
-------------	---

Error messages:

Negative figures are displayed to indicate errors.

See table below for the corresponding error.

Negative figures	Error
------------------	-------

- | | |
|-------|---|
| -1min | Other errors |
| -2min | SD card slots on the operation panel and controller box are both empty. |
| -3min | SD card is set to write-protection. Unlock the slider on the SD card. |
| -4min | Start date (SP5-857-101) is set older than the end date (SP5-587-102). |

Note:

- Error message '0 min' appears, if debug logs are not captured during the specified start/end dates.
- SC might occur, if the SD card is inserted while the machine power is turned on. Make sure to turn off the machine power before inserting the SD card.
- In order to enable this feature, the following two firmwares must be installed.

- OpePanel_KOR Ver.1.02 (D01797295A) or later
- System/Copy Ver.1.06 (D1795760H) or later

2) Debug log capture using the SD card has been made available using the SD card slot #2 on the controller box. Time required to capture the logs has been reduced to 2/3 compared to log capturing using the SD card slot on the operation panel.

Version 1.01
Specification Changes:
Korean language support

=====
*** Basic Information ***
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[Create date] 2017/09/07

[Program Name] Scanner

[Version] 02.04

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D7265704G

[File Information]

File Name D7265704G.fwu

File Type Module for Service

Size 4.73 MB (4956496 byte)

[File Information]

File Name D7265704G.rfu

File Type Module for Remote Upgrade

Size 4.73 MB (4964608 byte)

[Availability of RFU] Yes

[Production reflection] 2017/08

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*** Note ***
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[Note]

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

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

Other changes:

- Newly added SMBv2/v3 support.

This firmware is dependent on the following firmware modules.

Please be sure to update all of them:

System/Copy v2.09 (D1795760W)

Network Support v12.77.1 (D1795769J)

Web Support v2.05 (D1795765M)

Scanner v02.04 (D7265704G)

OpePanel

- General model: v2.02 (D1797290J)

- Koria model: v2.02 (D1797295E)

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

[Modification history]

Version 02.03

Symptom corrected:

- When Simplified Chinese is selected in the "Insert Additional Email Info" setting in Send Settings, text in an email sent by using Scan to URL is garbled.

Version 02.02

Symptom corrected:

1. When opening a program after Simple Screen has been applied on the home screen, the program settings are not retrieved.
2. When scanning with "Hungarian" or "Polish" selected under "Cognitive Language" in "OCR Settings", if the value of a Unicode character exceeds 256, then the character will be converted to a question mark ("?").

This firmware is dependent on the following firmware module. Please be sure to update it:

- System/Copy firmware: v2.03 or later.

Version 02.01

Symptom corrected:

- When using a TWAIN driver in certain software applications, such as Pneumologis, an SC899 error occurs.
-

Version 02.00

Symptom corrected:

When scanning with "Hungarian" or "Polish" selected under "Cognitive Language" in "OCR Settings", if the value of a Unicode character exceeds 256, then the character will be converted to a question mark ("?").

Version 01.00

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibAPa A

[Version] 8

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795536_R8

[File Information]

File Name D1795536_R8.mqp

File Type Module for Service

Size 0.03 MB (34432 byte)

Check Sum -8Bit Sum: 8B85

 -16Bit Sum(Little Endian): EE5C

 -16Bit Sum(Big Endian): 2229

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R8]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 7

RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 6

- (1) RE0390, RE0392: Media type Gloss -> Matte
- (2) RE0249: Paper weight Weight 4 -> Weight 6
- (3) Limitations on the following media when used with the newly supported peripherals:
RE0003, RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375, RE1975, RE1976.
- (4) Support of 64 new media types.

Version 5

- 1) Support of 23 new media types.

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.
(Image quality: A->B, Paper transport quality: B->A)
- 2) Support of 7 new media types

Version 3

- 1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309, RA0002, RA0003:
Comments added and rank changed due to revised evaluation procedure.
- 2) RE0008, RE0009: Comments added.
- 3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)
- 4) Support of 67 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibAPb A

[Version] 8

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795537_R8

[File Information]

File Name D1795537_R8.mqp

File Type Module for Service

Size 0.03 MB (34432 byte)

Check Sum -8Bit Sum: 8AC7

 -16Bit Sum(Little Endian): EAA2

 -16Bit Sum(Big Endian): 6725

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R8]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 7

- 1) RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 6

- (1) RE0390, RE0392: Media type Gloss -> Matte
- (2) RE0249: Paper weight Weight 4 -> Weight 6
- (3) Limitations on the following media when used with the newly supported peripherals:
RE0003, RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375, RE1975, RE1976.
- (4) Support of 64 new media types.

Version 5

- 1) Support of 23 new media types.

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.
(Image quality: A->B, Paper transport quality: B->A)
- 2) Support of 7 new media types

Version 3

- 1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309, RA0002, RA0003:
Comments added and rank changed due to revised evaluation procedure.
- 2) RE0008, RE0009: Comments added.
- 3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)
- 4) Support of 67 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibAPc A

[Version] 8

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795538_R8

[File Information]

File Name D1795538_R8.mqp

File Type Module for Service

Size 0.03 MB (34432 byte)

Check Sum -8Bit Sum: 8CBF

 -16Bit Sum(Little Endian): 1571

 -16Bit Sum(Big Endian): 364E

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R8]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 7

- 1) RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 6

- (1) RE0390, RE0392: Media type Gloss -> Matte
- (2) RE0249: Paper weight Weight 4 -> Weight 6
- (3) Limitations on the following media when used with the newly supported peripherals:
RE0003, RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375, RE1975, RE1976.
- (4) Support of 64 new media types.

Version 5

- 1) Support of 23 new media types.

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.
(Image quality: A->B, Paper transport quality: B->A)
- 2) Support of 7 new media types

Version 3

- 1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309, RA0002, RA0003:
Comments added and rank changed due to revised evaluation procedure.
- 2) RE0008, RE0009: Comments added.
- 3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)
- 4) Support of 67 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibCHa A

[Version] 6

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795539_R6

[File Information]

File Name D1795539_R6.mqp

File Type Module for Service

Size 0.03 MB (36496 byte)

Check Sum -8Bit Sum: 1C3D

 -16Bit Sum(Little Endian): 3514

 -16Bit Sum(Big Endian): 2429

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R6]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 5

Symptoms Corrected:

RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed back to simplified Chinese from Pinyin (alphabet), because the character corruption issue that used to occur with simplified Chinese was resolved.

Version 4

Symptoms Corrected

(1) RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed from simplified Chinese to Pinyin (alphabet) characters to prevent character corruption.

(2) RE0390, RE0392: Media type Gloss -> Matte

(3) RE0249: Paper weight Weight 4 -> Weight 6

(4) Limitations on the following media when used with the newly supported peripherals:

RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375.

(5) Support of 86 new media types.

Version 1

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibCHb A

[Version] 6

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795540_R6

[File Information]

File Name D1795540_R6.mqp

File Type Module for Service

Size 0.03 MB (36496 byte)

Check Sum -8Bit Sum: 1BA3

 -16Bit Sum(Little Endian): 317E

 -16Bit Sum(Big Endian): 8D25

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R6]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 5

Symptoms Corrected:

RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed back to simplified Chinese from Pinyin (alphabet), because the character corruption issue that used to occur with simplified Chinese was resolved.

Version 4

Symptoms Corrected

(1) RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed from simplified Chinese to Pinyin (alphabet) characters to prevent character corruption.

(2) RE0390, RE0392: Media type Gloss -> Matte

(3) RE0249: Paper weight Weight 4 -> Weight 6

(4) Limitations on the following media when used with the newly supported peripherals:

RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375.

(5) Support of 86 new media types.

Version 1

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibCHc A

[Version] 6

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795541_R6

[File Information]

File Name D1795541_R6.mqp

File Type Module for Service

Size 0.03 MB (36496 byte)

Check Sum -8Bit Sum: 1D83

 -16Bit Sum(Little Endian): 5C35

 -16Bit Sum(Big Endian): 444E

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R6]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 5

Symptoms Corrected:

RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed back to simplified Chinese from Pinyin (alphabet), because the character corruption issue that used to occur with simplified Chinese was resolved.

Version 4

Symptoms Corrected

(1) RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed from simplified Chinese to Pinyin (alphabet) characters to prevent character corruption.

(2) RE0390, RE0392: Media type Gloss -> Matte

(3) RE0249: Paper weight Weight 4 -> Weight 6

(4) Limitations on the following media when used with the newly supported peripherals:

RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375.

(5) Support of 86 new media types.

Version 1

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibEUa AB

[Version] 12

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795542_R12

[File Information]

File Name D1795542_R12.mqp

File Type Module for Service

Size 0.06 MB (64360 byte)

Check Sum -8Bit Sum: 5030

 -16Bit Sum(Little Endian): 5703

 -16Bit Sum(Big Endian): 292D

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R12]

- Paper Weight was corrected from "Wt.7" to "Wt.11" for the following: RE0196
- Paper Weight was corrected from "Wt.3" to "Wt.11" for the following: RE2145

[R11]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 10

RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 9

- (1) Support of 33 new media types. (ST1)
- (2) RE0390, RE0392: Paper type Gloss -> Matte

Version 8

- 1) The following peripherals are supported.
 - High Capacity Stacker SK5030
 - Vacuum Feed LCIT RT5100
- 2) RE1304, RE1313, RE1313A, RE1313B, RE2009, RE2009A: Paper thickness correction Wt7 -> Wt8
- 3) Support of 11 new media types. (SP-B:7, SP-C:4)

Version 6

- 1) Correction
Process Speed (8100s)(95ppm): Low -> High (written in red)

Version 5

- 1) Support of 16 new media types
- 2) Correction
RE0249: Paper thickness Wt4 -> Wt6

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.

(Image quality: A->B, Paper transport quality: B->A)

2) Support of 29 new media types. (ST2:28, SP-B:1)

Version 3

1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309:

Comments added and rank changed due to revised evaluation procedure.

2) RE0008, RE0009: Comments added.

3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)

4) Support of 65 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibEUb AB

[Version] 12

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795543_R12

[File Information]

File Name D1795543_R12.mqp

File Type Module for Service

Size 0.06 MB (64360 byte)

Check Sum -8Bit Sum: 4F03

 -16Bit Sum(Little Endian): 9E8E

 -16Bit Sum(Big Endian): B375

[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:]

[R12]

- Paper Weight was corrected from "Wt.7" to "Wt.11" for the following: RE0196
- Paper Weight was corrected from "Wt.3" to "Wt.11" for the following: RE2145

[R11]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 10

RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 9

- (1) Support of 33 new media types. (ST1)
- (2) RE0390, RE0392: Paper type Gloss -> Matte

Version 8

- 1) The following peripherals are supported.
 - High Capacity Stacker SK5030
 - Vacuum Feed LCIT RT5100
- 2) RE1304, RE1313, RE1313A, RE1313B, RE2009, RE2009A: Paper thickness correction Wt7 -> Wt8
- 3) Support of 11 new media types. (SP-B:7, SP-C:4)

Version 6

- 1) Correction
Process Speed (8100s)(95ppm): Low -> High (written in red)

Version 5

- 1) Support of 16 new media types
- 2) Correction
RE0249: Paper thickness Wt4 -> Wt6

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.

(Image quality: A->B, Paper transport quality: B->A)

2) Support of 29 new media types. (ST2:28, SP-B:1)

Version 3

1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309:

Comments added and rank changed due to revised evaluation procedure.

2) RE0008, RE0009: Comments added.

3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)

4) Support of 65 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibEUc AB

[Version] 12

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795544_R12

[File Information]

File Name D1795544_R12.mqp

File Type Module for Service

Size 0.06 MB (64360 byte)

Check Sum -8Bit Sum: 5334

 -16Bit Sum(Little Endian): 441D

 -16Bit Sum(Big Endian): 4317

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R12]

- Paper Weight was corrected from "Wt.7" to "Wt.11" for the following: RE0196
- Paper Weight was corrected from "Wt.3" to "Wt.11" for the following: RE2145

[R11]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 10

RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 9

- (1) Support of 33 new media types. (ST1)
- (2) RE0390, RE0392: Paper type Gloss -> Matte

Version 8

- 1) The following peripherals are supported.
 - High Capacity Stacker SK5030
 - Vacuum Feed LCIT RT5100
- 2) RE1304, RE1313, RE1313A, RE1313B, RE2009, RE2009A: Paper thickness correction Wt7 -> Wt8
- 3) Support of 11 new media types. (SP-B:7, SP-C:4)

Version 6

- 1) Correction
Process Speed (8100s)(95ppm): Low -> High (written in red)

Version 5

- 1) Support of 16 new media types
- 2) Correction
RE0249: Paper thickness Wt4 -> Wt6

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.

(Image quality: A->B, Paper transport quality: B->A)

2) Support of 29 new media types (ST2:28, SP-B:1)

Version 3

1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309:

Comments added and rank changed due to revised evaluation procedure.

2) RE0008, RE0009: Comments added.

3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)

4) Support of 65 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibNAa A

[Version] 10

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795545_R10

[File Information]

File Name D1795545_R10.mqp

File Type Module for Service

Size 0.03 MB (28584 byte)

Check Sum -8Bit Sum: 615A

 -16Bit Sum(Little Endian): 5F12

 -16Bit Sum(Big Endian): 5C48

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R10]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 9

Support of 4 new media types. (CU)

Version 8

Support of 16 new media types. (ST1)

Version 7

1) The following peripherals are supported.

- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100

2) RC0051: Rank changed due to revised evaluation procedure. (Image quality: B->A, Overall Rank: B->A)

3) Support of 16 new media types. (SP-B:3, SP-C:10, ST2:3)

Version 5

1) Support of 15 new media types

Version 4

Default value change:

No.5:Skew Detection

1:ON => 0:OFF

No.7:Sub Scan Registration Jam Detection

1:ON => 0:OFF

Note:

Other contents are the same as version 3

Version 3

1) RC0002, RC0007, RC0015, RC0016, RC0017, RC0018, RC0019, RC0056, RC0057, RC0144, RC0151, RC0154:

Comments added and rank changed due to revised evaluation

procedure for "mottling effect".

2) RC0008: Rank of "mottling in halftone image" was changed from B to A.

3) Support of 42 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibNAb A

[Version] 10

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795546_R10

[File Information]

File Name D1795546_R10.mqp

File Type Module for Service

Size 0.03 MB (28584 byte)

Check Sum -8Bit Sum: 63C2

 -16Bit Sum(Little Endian): 4D8E

 -16Bit Sum(Big Endian): D834

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R10]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 9

Support of 4 new media types. (CU)

Version 8

Support of 16 new media types. (ST1)

Version 7

1) The following peripherals are supported.

- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100

2) RC0051: Rank changed due to revised evaluation procedure. (Image quality: B->A, Overall Rank: B->A)

3) Support of 16 new media types. (SP-B:3, SP-C:10, ST2:3)

Version 5

1) Support of 15 new media types

Version 4

Default value change:

No.5:Skew Detection

1:ON => 0:OFF

No.7:Sub Scan Registration Jam Detection

1:ON => 0:OFF

Note:

Other contents are the same as version 3

Version 3

1) RC0002, RC0007, RC0015, RC0016, RC0017, RC0018, RC0019, RC0056, RC0057, RC0144, RC0151, RC0154:

Comments added and rank changed due to revised evaluation

procedure for "mottling effect".

2) RC0008: Rank of "mottling in halftone image" was changed from B to A.

3) Support of 42 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibAPa A

[Version] 8

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795536_R8

[File Information]

File Name D1795536_R8.mqp

File Type Module for Service

Size 0.03 MB (34432 byte)

Check Sum -8Bit Sum: 8B85

 -16Bit Sum(Little Endian): EE5C

 -16Bit Sum(Big Endian): 2229

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R8]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 7

RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 6

- (1) RE0390, RE0392: Media type Gloss -> Matte
- (2) RE0249: Paper weight Weight 4 -> Weight 6
- (3) Limitations on the following media when used with the newly supported peripherals:
RE0003, RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375, RE1975, RE1976.
- (4) Support of 64 new media types.

Version 5

- 1) Support of 23 new media types.

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.
(Image quality: A->B, Paper transport quality: B->A)
- 2) Support of 7 new media types

Version 3

- 1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309, RA0002, RA0003:
Comments added and rank changed due to revised evaluation procedure.
- 2) RE0008, RE0009: Comments added.
- 3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)
- 4) Support of 67 new media types

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*** Basic Information ***
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[Create date] 2017/09/29

[Program Name] MediaLibAPb A

[Version] 8

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795537_R8

[File Information]

File Name D1795537_R8.mqp

File Type Module for Service

Size 0.03 MB (34432 byte)

Check Sum -8Bit Sum: 8AC7

 -16Bit Sum(Little Endian): EAA2

 -16Bit Sum(Big Endian): 6725

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R8]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 7

- 1) RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 6

- (1) RE0390, RE0392: Media type Gloss -> Matte
- (2) RE0249: Paper weight Weight 4 -> Weight 6
- (3) Limitations on the following media when used with the newly supported peripherals:
RE0003, RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375, RE1975, RE1976.
- (4) Support of 64 new media types.

Version 5

- 1) Support of 23 new media types.

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.
(Image quality: A->B, Paper transport quality: B->A)
- 2) Support of 7 new media types

Version 3

- 1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309, RA0002, RA0003:
Comments added and rank changed due to revised evaluation procedure.
- 2) RE0008, RE0009: Comments added.
- 3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)
- 4) Support of 67 new media types

*** Basic Information ***

[Create date] 2017/09/29

[Program Name] MediaLibAPc A

[Version] 8

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795538_R8

[File Information]

File Name D1795538_R8.mqp

File Type Module for Service

Size 0.03 MB (34432 byte)

Check Sum -8Bit Sum: 8CBF

-16Bit Sum(Little Endian): 1571

-16Bit Sum(Big Endian): 364E

[Availability of RFU] No

[Production reflection]

*** Note ***

[Note]

*** Important Notes ***

[Important Notes]

*** Modification History ***

[Modifications made:]

[R8]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 7

- 1) RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 6

- (1) RE0390, RE0392: Media type Gloss -> Matte
- (2) RE0249: Paper weight Weight 4 -> Weight 6
- (3) Limitations on the following media when used with the newly supported peripherals:
RE0003, RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375, RE1975, RE1976.
- (4) Support of 64 new media types.

Version 5

- 1) Support of 23 new media types.

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.
(Image quality: A->B, Paper transport quality: B->A)
- 2) Support of 7 new media types

Version 3

- 1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309, RA0002, RA0003:
Comments added and rank changed due to revised evaluation procedure.
- 2) RE0008, RE0009: Comments added.
- 3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)
- 4) Support of 67 new media types

*** Basic Information ***

[Create date] 2017/09/29

[Program Name] MediaLibCHa A

[Version] 6

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795539_R6

[File Information]

File Name D1795539_R6.mqp

File Type Module for Service

Size 0.03 MB (36496 byte)

Check Sum -8Bit Sum: 1C3D

-16Bit Sum(Little Endian): 3514

-16Bit Sum(Big Endian): 2429

[Availability of RFU] No

[Production reflection]

*** Note ***

[Note]

*** Important Notes ***

[Important Notes]

*** Modification History ***

[Modifications made:]

[R6]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 5

Symptoms Corrected:

RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed back to simplified Chinese from Pinyin (alphabet), because the character corruption issue that used to occur with simplified Chinese was resolved.

Version 4

Symptoms Corrected

(1) RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed from simplified Chinese to Pinyin (alphabet) characters to prevent character corruption.

(2) RE0390, RE0392: Media type Gloss -> Matte

(3) RE0249: Paper weight Weight 4 -> Weight 6

(4) Limitations on the following media when used with the newly supported peripherals:

RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375.

(5) Support of 86 new media types.

Version 1

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibCHb A

[Version] 6

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795540_R6

[File Information]

File Name D1795540_R6.mqp

File Type Module for Service

Size 0.03 MB (36496 byte)

Check Sum -8Bit Sum: 1BA3

 -16Bit Sum(Little Endian): 317E

 -16Bit Sum(Big Endian): 8D25

[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:]

[R6]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 5

Symptoms Corrected:

RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed back to simplified Chinese from Pinyin (alphabet), because the character corruption issue that used to occur with simplified Chinese was resolved.

Version 4

Symptoms Corrected

(1) RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed from simplified Chinese to Pinyin (alphabet) characters to prevent character corruption.

(2) RE0390, RE0392: Media type Gloss -> Matte

(3) RE0249: Paper weight Weight 4 -> Weight 6

(4) Limitations on the following media when used with the newly supported peripherals:

RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375.

(5) Support of 86 new media types.

Version 1

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibCHc A

[Version] 6

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795541_R6

[File Information]

File Name D1795541_R6.mqp

File Type Module for Service

Size 0.03 MB (36496 byte)

Check Sum -8Bit Sum: 1D83

 -16Bit Sum(Little Endian): 5C35

 -16Bit Sum(Big Endian): 444E

[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:]

[R6]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 5

Symptoms Corrected:

RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed back to simplified Chinese from Pinyin (alphabet), because the character corruption issue that used to occur with simplified Chinese was resolved.

Version 4

Symptoms Corrected

(1) RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed from simplified Chinese to Pinyin (alphabet) characters to prevent character corruption.

(2) RE0390, RE0392: Media type Gloss -> Matte

(3) RE0249: Paper weight Weight 4 -> Weight 6

(4) Limitations on the following media when used with the newly supported peripherals:

RE0035, RE0036, RE0189, RE0249, RE0366, RE0367, RE0368, RE0269, RE0371, RE0372, RE0375.

(5) Support of 86 new media types.

Version 1

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibEUa AB

[Version] 12

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795542_R12

[File Information]

File Name D1795542_R12.mqp

File Type Module for Service

Size 0.06 MB (64360 byte)

Check Sum -8Bit Sum: 5030

 -16Bit Sum(Little Endian): 5703

 -16Bit Sum(Big Endian): 292D

[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:]

[R12]

- Paper Weight was corrected from "Wt.7" to "Wt.11" for the following: RE0196
- Paper Weight was corrected from "Wt.3" to "Wt.11" for the following: RE2145

[R11]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 10

RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 9

- (1) Support of 33 new media types. (ST1)
- (2) RE0390, RE0392: Paper type Gloss -> Matte

Version 8

- 1) The following peripherals are supported.
 - High Capacity Stacker SK5030
 - Vacuum Feed LCIT RT5100
- 2) RE1304, RE1313, RE1313A, RE1313B, RE2009, RE2009A: Paper thickness correction Wt7 -> Wt8
- 3) Support of 11 new media types. (SP-B:7, SP-C:4)

Version 6

- 1) Correction
Process Speed (8100s)(95ppm): Low -> High (written in red)

Version 5

- 1) Support of 16 new media types
- 2) Correction
RE0249: Paper thickness Wt4 -> Wt6

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.
(Image quality: A->B, Paper transport quality: B->A)
- 2) Support of 29 new media types. (ST2:28, SP-B:1)

Version 3

- 1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309:

Comments added and rank changed due to revised evaluation procedure.

2) RE0008, RE0009: Comments added.

3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)

4) Support of 65 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibEUb AB

[Version] 12

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795543_R12

[File Information]

File Name D1795543_R12.mqp

File Type Module for Service

Size 0.06 MB (64360 byte)

Check Sum -8Bit Sum: 4F03

 -16Bit Sum(Little Endian): 9E8E

 -16Bit Sum(Big Endian): B375

[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:]

[R12]

- Paper Weight was corrected from "Wt.7" to "Wt.11" for the following: RE0196
- Paper Weight was corrected from "Wt.3" to "Wt.11" for the following: RE2145

[R11]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 10

RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 9

- (1) Support of 33 new media types. (ST1)
- (2) RE0390, RE0392: Paper type Gloss -> Matte

Version 8

- 1) The following peripherals are supported.
 - High Capacity Stacker SK5030
 - Vacuum Feed LCIT RT5100
- 2) RE1304, RE1313, RE1313A, RE1313B, RE2009, RE2009A: Paper thickness correction Wt7 -> Wt8
- 3) Support of 11 new media types. (SP-B:7, SP-C:4)

Version 6

- 1) Correction
Process Speed (8100s)(95ppm): Low -> High (written in red)

Version 5

- 1) Support of 16 new media types
- 2) Correction
RE0249: Paper thickness Wt4 -> Wt6

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.
(Image quality: A->B, Paper transport quality: B->A)
- 2) Support of 29 new media types. (ST2:28, SP-B:1)

Version 3

- 1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309:

Comments added and rank changed due to revised evaluation procedure.

2) RE0008, RE0009: Comments added.

3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)

4) Support of 65 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibEUc AB

[Version] 12

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795544_R12

[File Information]

File Name D1795544_R12.mqp

File Type Module for Service

Size 0.06 MB (64360 byte)

Check Sum -8Bit Sum: 5334

 -16Bit Sum(Little Endian): 441D

 -16Bit Sum(Big Endian): 4317

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R12]

- Paper Weight was corrected from "Wt.7" to "Wt.11" for the following: RE0196
- Paper Weight was corrected from "Wt.3" to "Wt.11" for the following: RE2145

[R11]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 10

RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 9

- (1) Support of 33 new media types. (ST1)
- (2) RE0390, RE0392: Paper type Gloss -> Matte

Version 8

- 1) The following peripherals are supported.
 - High Capacity Stacker SK5030
 - Vacuum Feed LCIT RT5100
- 2) RE1304, RE1313, RE1313A, RE1313B, RE2009, RE2009A: Paper thickness correction Wt7 -> Wt8
- 3) Support of 11 new media types. (SP-B:7, SP-C:4)

Version 6

- 1) Correction
Process Speed (8100s)(95ppm): Low -> High (written in red)

Version 5

- 1) Support of 16 new media types
- 2) Correction
RE0249: Paper thickness Wt4 -> Wt6

Version 4

- 1) RE0197: Rank changed due to revised evaluation procedure.
(Image quality: A->B, Paper transport quality: B->A)
- 2) Support of 29 new media types (ST2:28, SP-B:1)

Version 3

- 1) RE0002, RE0049, RE0050, RE0051, RE0052, RE0387, RE1309:

Comments added and rank changed due to revised evaluation procedure.

2) RE0008, RE0009: Comments added.

3) RE0387: Change of Leading Edge Corr Coef (140 -> 100)

4) Support of 65 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibNAa A

[Version] 10

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795545_R10

[File Information]

File Name D1795545_R10.mqp

File Type Module for Service

Size 0.03 MB (28584 byte)

Check Sum -8Bit Sum: 615A

 -16Bit Sum(Little Endian): 5F12

 -16Bit Sum(Big Endian): 5C48

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R10]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 9

Support of 4 new media types. (CU)

Version 8

Support of 16 new media types. (ST1)

Version 7

1) The following peripherals are supported.

- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100

2) RC0051: Rank changed due to revised evaluation procedure. (Image quality: B->A, Overall Rank: B->A)

3) Support of 16 new media types. (SP-B:3, SP-C:10, ST2:3)

Version 5

1) Support of 15 new media types

Version 4

Default value change:

No.5:Skew Detection

1:ON => 0:OFF

No.7:Sub Scan Registration Jam Detection

1:ON => 0:OFF

Note:

Other contents are the same as version 3

Version 3

1) RC0002, RC0007, RC0015, RC0016, RC0017, RC0018, RC0019, RC0056, RC0057, RC0144, RC0151, RC0154:

Comments added and rank changed due to revised evaluation procedure for "mottling effect".

2) RC0008: Rank of "mottling in halftone image" was changed from B to A.

3) Support of 42 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibNAb A

[Version] 10

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795546_R10

[File Information]

File Name D1795546_R10.mqp

File Type Module for Service

Size 0.03 MB (28584 byte)

Check Sum -8Bit Sum: 63C2

 -16Bit Sum(Little Endian): 4D8E

 -16Bit Sum(Big Endian): D834

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R10]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 9

Support of 4 new media types. (CU)

Version 8

Support of 16 new media types. (ST1)

Version 7

1) The following peripherals are supported.

- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100

2) RC0051: Rank changed due to revised evaluation procedure. (Image quality: B->A, Overall Rank: B->A)

3) Support of 16 new media types. (SP-B:3, SP-C:10, ST2:3)

Version 5

1) Support of 15 new media types

Version 4

Default value change:

No.5:Skew Detection

1:ON => 0:OFF

No.7:Sub Scan Registration Jam Detection

1:ON => 0:OFF

Note:

Other contents are the same as version 3

Version 3

1) RC0002, RC0007, RC0015, RC0016, RC0017, RC0018, RC0019, RC0056, RC0057, RC0144, RC0151, RC0154:

Comments added and rank changed due to revised evaluation procedure for "mottling effect".

2) RC0008: Rank of "mottling in halftone image" was changed from B to A.

3) Support of 42 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibNAC A

[Version] 10

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795547_R10

[File Information]

File Name D1795547_R10.mqp

File Type Module for Service

Size 0.03 MB (28584 byte)

Check Sum -8Bit Sum: 6534

 -16Bit Sum(Little Endian): 4FFF

 -16Bit Sum(Big Endian): 4935

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R10]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 9

Support of 4 new media types. (CU)

Version 8

Support of 16 new media types. (ST1)

Version 7

1) The following peripherals are supported.

- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100

2) RC0051: Rank changed due to revised evaluation procedure. (Image quality: B->A, Overall Rank: B->A)

3) Support of 16 new media types. (SP-B:3, SP-C:10, ST2:3)

Version 5

1) Support of 15 new media types

Version 4

Default value change:

No.5:Skew Detection

1:ON => 0:OFF

No.7:Sub Scan Registration Jam Detection

1:ON => 0:OFF

Note:

Other contents are the same as version 3

Version 3

1) RC0002, RC0007, RC0015, RC0016, RC0017, RC0018, RC0019, RC0056, RC0057, RC0144, RC0151, RC0154:

Comments added and rank changed due to revised evaluation procedure for "mottling effect".

2) RC0008: Rank of "mottling in halftone image" was changed from B to A.

3) Support of 42 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibNac A

[Version] 10

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] D1795547_R10

[File Information]

File Name D1795547_R10.mqp

File Type Module for Service

Size 0.03 MB (28584 byte)

Check Sum -8Bit Sum: 6534

 -16Bit Sum(Little Endian): 4FFF

 -16Bit Sum(Big Endian): 4935

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R10]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 9

Support of 4 new media types. (CU)

Version 8

Support of 16 new media types. (ST1)

Version 7

1) The following peripherals are supported.

- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100

2) RC0051: Rank changed due to revised evaluation procedure. (Image quality: B->A, Overall Rank: B->A)

3) Support of 16 new media types. (SP-B:3, SP-C:10, ST2:3)

Version 5

1) Support of 15 new media types

Version 4

Default value change:

No.5:Skew Detection

1:ON => 0:OFF

No.7:Sub Scan Registration Jam Detection

1:ON => 0:OFF

Note:

Other contents are the same as version 3

Version 3

1) RC0002, RC0007, RC0015, RC0016, RC0017, RC0018, RC0019, RC0056, RC0057, RC0144, RC0151, RC0154:

Comments added and rank changed due to revised evaluation

procedure for "mottling effect".

2) RC0008: Rank of "mottling in halftone image" was changed from B to A.

3) Support of 42 new media types

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

[Create date] 2017/09/29

[Program Name] MediaLibAPb A

[Version] 8

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] M2635537_R8

[File Information]

File Name M2635537_R8.mqp

File Type Module for Service

Size 0.03 MB (34432 byte)

Check Sum -8Bit Sum: 8AD8

 -16Bit Sum(Little Endian): FBA2

 -16Bit Sum(Big Endian): 6736

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R8]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 7

- 1) RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 6

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibAPc A

[Version] 8

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] M2635538_R8

[File Information]

File Name M2635538_R8.mqp

File Type Module for Service

Size 0.03 MB (34432 byte)

Check Sum -8Bit Sum: 8CD0

 -16Bit Sum(Little Endian): 2671

 -16Bit Sum(Big Endian): 365F

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R8]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 7

- 1) RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 6

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibCHb A

[Version] 6

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] M2635540_R6

[File Information]

File Name M2635540_R6.mqp

File Type Module for Service

Size 0.03 MB (36496 byte)

Check Sum -8Bit Sum: 1BB4

 -16Bit Sum(Little Endian): 427E

 -16Bit Sum(Big Endian): 8D36

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R6]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 5

Symptoms Corrected:

RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed back to simplified Chinese from Pinyin (alphabet), because the character corruption issue that used to occur with simplified Chinese was resolved.

Version 4

1st Mass production

Symptoms Corrected:

(1) RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed from simplified Chinese to Pinyin (alphabet) characters to prevent character corruption.

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*** Basic Information ***
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[Create date] 2017/09/29

[Program Name] MediaLibCHc A

[Version] 6

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] M2635541_R6

[File Information]

File Name M2635541_R6.mqp

File Type Module for Service

Size 0.03 MB (36496 byte)

Check Sum -8Bit Sum: 1D94

 -16Bit Sum(Little Endian): 6D35

 -16Bit Sum(Big Endian): 445F

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R6]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 5

Symptoms Corrected:

RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed back to simplified Chinese from Pinyin (alphabet), because the character corruption issue that used to occur with simplified Chinese was resolved.

Version 4

1st Mass production

Symptoms Corrected:

(1) RCH0031,RCH0032,RCH0033,RCH0038,RCH0039,RCH0040:

Display of paper names on the operation panel was changed from simplified Chinese to Pinyin (alphabet) characters to prevent character corruption.

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

[Create date] 2017/09/29

[Program Name] MediaLibEUb AB

[Version] 12

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] M2635543_R12

[File Information]

File Name M2635543_R12.mqp

File Type Module for Service

Size 0.06 MB (64360 byte)

Check Sum -8Bit Sum: 4F14

 -16Bit Sum(Little Endian): AF8E

 -16Bit Sum(Big Endian): B386

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R12]

(IMSS data)

- Paper Weight was corrected from "Wt.7" to "Wt.11" for the following: RE0196
- Paper Weight was corrected from "Wt.3" to "Wt.11" for the following: RE2145

[R11]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 10

RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 9

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibEUc AB

[Version] 12

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] M2635544_R12

[File Information]

File Name M2635544_R12.mqp

File Type Module for Service

Size 0.06 MB (64360 byte)

Check Sum -8Bit Sum: 5345

 -16Bit Sum(Little Endian): 551D

 -16Bit Sum(Big Endian): 4328

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R12]

(IMSS data)

- Paper Weight was corrected from "Wt.7" to "Wt.11" for the following: RE0196
- Paper Weight was corrected from "Wt.3" to "Wt.11" for the following: RE2145

[R11]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 10

RE5011, RE5012, RE5013: Additional limitation with NCR paper

Version 9

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibNAb A

[Version] 10

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] M2635546_R10

[File Information]

File Name M2635546_R10.mqp

File Type Module for Service

Size 0.03 MB (28584 byte)

Check Sum -8Bit Sum: 63D3

 -16Bit Sum(Little Endian): 5E8E

 -16Bit Sum(Big Endian): D845

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

[R10]

- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 9

Support of 4 new media types. (CU)

Version 8

1st Mass production

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

[Create date] 2017/09/29

[Program Name] MediaLibNAc A

[Version] 10

[PCB No.] -

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Others

Exported to(language) GEN(all)

[Firmware No.] M2635547_R10

[File Information]

File Name M2635547_R10.mqp

File Type Module for Service

Size 0.03 MB (28584 byte)

Check Sum -8Bit Sum: 6545

 -16Bit Sum(Little Endian): 60FF

 -16Bit Sum(Big Endian): 4946

[Availability of RFU] No

[Production reflection]

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*** Note ***
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[Note]

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

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

- [R10]
- To prevent jams, the default of "Paper Feed Position" of the Advanced Settings was changed from Low to High for Paper Weight 0~3 of all paper types.

[Modification history]

Version 9
Support of 4 new media types. (CU)

Version 8
1st Mass production

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

[Create date] 2018/10/03

[Program Name] PDF

[Version] 1.08

[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.] D1795778E

[File Information]

File Name D1795778E.fwu

File Type Module for Service

Size 4.06 MB (4260516 byte)

[File Information]

File Name D1795778E.rfu

File Type Module for Remote Upgrade

Size 4.07 MB (4268288 byte)

[Availability of RFU] Yes

[Production reflection] 2018/09

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*** Note ***
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[Note]

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

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

Rank C

Symptom corrected:

- The device might stall during PDF direct printing if a job contains a Bezier curve.
- SC899 might occur when printing a PDF file with many characters or typefaces directly or with the PS driver.

[Modification history]

Version 1.07

Symptom corrected:

1. Images might be missing when printing from the PS3 driver.
2. Printing might be slow when a spreadsheet containing many cells with patterns that are different from the default pattern in the following setting is printed from Microsoft Excel 2013:
Select "Format Cell", select the "Fill" tab, and change the "Pattern Style" setting
3. The number of copies specified by the PJL command in a PDF job cannot be overwritten to "1" by using certain applications that use the SDK interface, such as Enhanced Locked Print NX v2, implemented on the device.
4. PDF file may not be printed via direct print if the PDF file contains True Type fonts.

Version 1.06

Supported:

The following peripherals are available.

- High Capacity Stacker SK5030
- Vacuum Feed LCIT RT5100
- Plockmatic BookletMaker BK5035
- Plockmatic BookletMaker BK5050
- GBC StreamPunch Ultra

Version 1.01

Symptom corrected:

A limitcheck error occurs if an image is too small to draw.