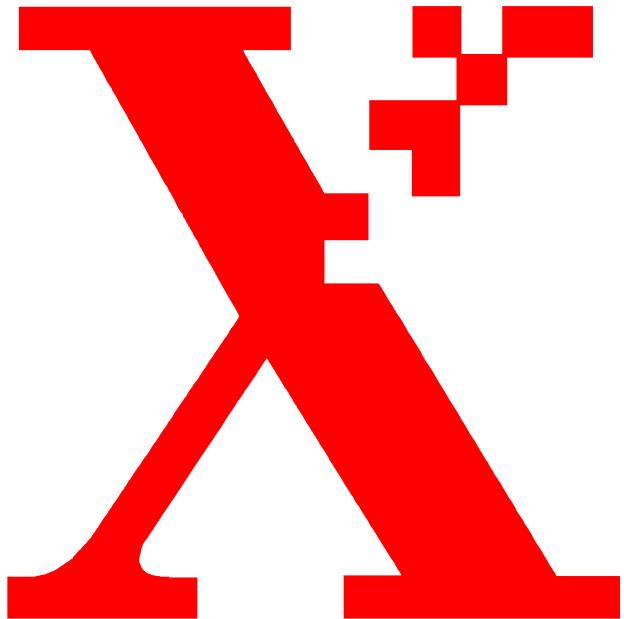


DocuColor 2045 / 2060

Printer Printer/Copier

Software Release Notes - Version 6.2.8 MN

November 15, 2005



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PURPOSE

- This document is intended for use by Xerox CSE's and Analysts only. Information contained in this document is not intended for use by DocuColor 2045 / 2060 customers.
- Software version 6.2.8 is a mandatory upgrade release for DocuColor 2045/ 2060 products.

KEY PROBLEMS & CAVEATS FOR THIS RELEASE

- During the software download procedure, it is critical that the correct machine type (Copier or Printer) be selected in the software download tool. When downloading software to a DC2060/2045 Printer (No scanner installed), DO NOT select the Copier machine type in the software download tool. **This will damage the SYS PWBA, rendering the printer unusable until the PWBA is replaced.**

This software release consists of the following individual software components:

Component Description	Version	Device	Filename
IOT PWBA Software	V6.218	IOT0	o096218a.bin
		IOT1	o196218a.bin
IOT PWBA Bootloader Software	V0.509	IOT2	o200509a.bin
SYS PWBA Bootloader Software	V3.002	SYS0	s003002a.bin
SYS PWBA Software	V6.279	SYS1	s106279a.bin
IISS PWBA Software	V5.210	IISS	i005210a.bin
IPS PWBA Software	V5.010	IPS	p006001a.bin
UI PWBA Control Software	V6.104	UI0	u006109a.bin
UI PWBA Frame/ARTOP Software	V6.160c English-Spanish	UI1	F006210c.bin
		UI2	F106210c.bin
		UI3	F206210c.bin
	V6.160d English-French	UI1	F006210d.bin
		UI2	F106210d.bin
		UI3	F206210d.bin
	V6.160e English-Italian	UI1	F006210e.bin
		UI2	F106210e.bin
		UI3	F206210e.bin
	V6.160f English-German	UI1	F006210f.bin
		UI2	F106210f.bin
		UI3	F206210f.bin
	V6.160g English-Portuguese	UI1	F006210g.bin
		UI2	F106210g.bin
		UI3	F206210g.bin
	V6.160h English-Dutch	UI1	F006210h.bin
		UI2	F106210h.bin
		UI3	F206210h.bin
	V6.163f French-German	UI1	F006213f.bin
		UI2	F106213f.bin
		UI3	F206213f.bin
	V6.163h French-Dutch	UI1	F006213h.bin
		UI2	F106213h.bin
		UI3	F206213h.bin
	V6.165e German-Italian	UI1	F006215e.bin
		UI2	F106215e.bin
		UI3	F206215e.bin
	V6.167f Dutch-German	UI1	F006217f.bin
		UI2	F106217f.bin
		UI3	F206217f.bin

INSTALLATION

All components described in the PURPOSE section must be installed as a set. The installation of the software components is documented in the IOT V6.2.8 Software Download Tool Procedure. All required NVM configuration changes associated with this release are also defined in that document.

FEATURES INTRODUCED BY RELEASE VERSION

V6.2.8 MN

- Add V-Tra Fan #2 on / off NVM in UI Tools in order to enable running carbon paper.
- Countermeasure against non-technical issue (auto magnification)
- Add ProCon control that keeps Operation TC high, and SFIDA MK2 ProCon TC Limit/Reset feature, for the purpose of solving white deletion IQ problem.
- Change NVM initial value that sets ProCon Dummy Cycle operation / non-operation at Job start for the purpose of improving density stability to the value same as the initial value for SFIDA 52
- Change TC Limit related NVM initial value in order to set NVM optimal value related to Spec Change FX-808.
- The measure against density change of the head of Job. Adding Deve on cycle for every head of Job.
- The addition of Registration control NVM for range expansion of vertical magnification fine tuning
- The addition of 1'st BTR Bias on Belt seam area OFF/ON Timing value NVM for (CR#FX795)range expansion of vertical magnification fine tuning
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V6.2.2 MN

- DFA device with an HCS
- DFE Print Inhibit for a Foreign Interface Device
- Improved NBR Limitation

PROBLEMS RESOLVED

Problems Resolved in IOT V6.2.8 MN		
#	Problem Description	Status
1	When tray broken is declared for Job that is skipped, UI Key lock will occur by KO entry.	Resolved
2	Unable to delete Job in Job Management window.	Resolved
3	When Tools Entry is done after opening / closing Interlock during Cancel Purge, Keylock will occur while Purge screen is displayed.	Resolved
4	Diag Mode DC135 HFSI UI message is not complete.	Resolved
5	In Japanese display of Start Conflict message for XC, "8.3x11.7" is displayed A4.	Resolved.
6	Stapler doesn't work in Build job.	Resolved.
7	HCSS Jam occurs because the following paper rushes into the HCSS while stapling.	Resolved.
8	3-312(IOT-SYS-COMM-FAIL) sometimes occur in case of the paper is fed slower than usual	Resolved
9	3-360(SYS-LOGIC-FAIL) occur in case of No paper during pitch skip cycle(staple timing).	Resolved
10	IOT-logic-fail(3-362) occurred after 89 sheets were printed at Platen, collate mode.	Resolved
11	IOT does not start to print after scanning 100 originals in SIGNATURE mode for copier function.	Resolved
12	IOT LOGIC FAIL(3-362) occurred after Job abort during purge cycle in DFE-print mode.	Resolved
13	Scan for next original cannot start by Foot SW	
14	IOT does not start to print after scanning if user select unset tray after exiting Tools mode. This time UI initial frame is changed to feature or job status frame from M/C status frame(default).(Copy mode)	
15	When EPC HDD FULL(3-357) occurs in Copy, 4-up mode, IOT-UI displays only 3 digits (4 digits is correct) for the number of originals in fault frame.	
16	No image copy output in N-UP mode when previous job is image shift mode(center, corner, margin shift).	
17	Only 1st paper of Fuser exit sensor on jam in Streaming Job mode(Print wait timer=0) when Fuser temperature change from High to Low(ex.thick paper to OHP).	

Problems Resolved in IOT V6.2.8 MN		
#	Problem Description	Status
18	When exiting Diag, Communication Fail IOT-FFIU (4-311) may occur. Generating frequency is low.	

Problems Resolved in IOT V6.2.2 MN		
#	Problem Description	Status
1	IOT prints with UI Screen Saver active if OCT is emptied and IOT auto-resumes.	Resolved
2	Unable to duplex custom page size 458x317 mm.	Resolved
3	16-371 (Communication Fail) – IOT fails to respond to DFE command, then declares 16-371.	Resolved
4	IOT Freeze Problem when exceeding 1024 NBR limitation.	Resolved
5	Image offset with DADF and auto rotation.	Resolved.
6	IOT does not increment HFSI counters for the following: 8-840 Exit Clutch Kit, 8-841 Exit Roll Kit, 8-870 Decurler Belt Kit, 8-871 Decurler Roll Kit.	Resolved.
7	Improved TC control (Process Control) for 1 pitch mode and transparency.	Improved.
8	Tray 3 Blower setting wrong @ certain paper sizes	Resolved
9	UI hardware power up timing	Resolved
10	Unable to "Resume Job" after machine stop w/ run length > 4096	Resolved
11	Unable to select non-std. size paper from HCF with EX2000 DFE	Resolved

KNOWN PROBLEMS & RESTRICTIONS

Known Problems in V6.0.5 MN		
#	Description	Workaround
1	<p>11"/A4 Fuser wear mark for job sizes greater than 1000 pages.</p> <p>The IOT moves the paper to fuser registration after every 1000 impressions at the beginning of the next job. Running of large jobs (e.g. 10,000 impression run) may cause 11"/A4 Fuser wear marks.</p>	Have the customer break up very large jobs into smaller 1000 impression jobs in order to avoid 11"/A4 Fuser wear marks
2	RIP Job Queue data is lost when IOT power is cycled	Job is retained at RIP. Resubmit job after power-up. Copier job queue data is not affected.
3	In DC726 PaperPathTiming measurement, when selected print count is too small, correct optimum value cannot be determined, and 8-199, 8-198 Jam will often occur.	Setting Volume should be: Minimum 10 sheets or more, Recommended 30 sheets
4	Service interlock stays open if other interlocks are operated first Example: For Big Module interlock, although Service interlock is operated, 24V will not be turned On since it is Open. Therefore, Deve Motor/Drum Motor does not rotate.	When using Service interlock, operate Service interlock first and then open other necessary interlock(s)
5	Printer cannot always recover from a RIP communications failure fault code (16-371, 16-501)	<p>If normal operation does not resume following correction of fault, a System Power cycle is required to recover</p> <ol style="list-style-type: none"> 1. Power off IOT 2. Restart RIP Server 3. When RIP Server is back running and idle, Power on Printer
6	Tray 4 may not re-initialize properly when exiting Tray 4 Diagnostic mode.	If Tray 4 does not initialize when Tray 4 Diagnostic mode is exited, cycle power on IOT.
7	When promoting multiple jobs, the job being promoted cannot precede previously promoted jobs.	No workaround required.
8	IOT display often redraws multiple times when changing screens, sometimes temporarily displaying another screen before showing the requested one.	No workaround required.
9	Diagnostic Halftone test patterns may be shifted 10mm towards the LE.	No workaround required.
10	Multi-sheet feeds do not log a fault code.	Multi-sheet feeds will give a customer message for incorrect size paper loaded in the paper tray.

GENERAL PROBLEMS

1. No “Load Paper” message appears on the Printer UI if the required paper is not loaded at the start of a job. The message will appear on the DFE UI
2. When ambient humidity is high, the Tray 3 heater relay may cycle on and off frequently. This does not affect normal operation No work-around is required.

TIPS AND GENERAL INFORMATION

1. The Printer will cycle down between printing a job and the banner page.
2. All banner pages will print on 8.5x11”/A4 81-105gsm uncoated paper. If this paper is not loaded in the printer, it will cycle down and wait until the required paper is loaded. No subsequent jobs will be printed until the paper is loaded.
3. When loading paper, ensure that all tray parameters are properly selected:
 - Media weight (trays 1,2)
 - Media weight/transparency (tray 3)
 - Coated/Uncoated (tray 3)
 - standard/non-standard paper size (tray 3)
4. The DocuColor 2060/2045 Digital Color Press supports non-standard paper sizes in paper trays 3 and 4. However, due to rounding and unit-conversions that occur in the client applications, RIP, and printer, some mismatch may occur between the paper size entered at the application, and the paper size that must be entered at the printer. The operator may need to adjust the entered paper dimensions by up to 0.1 inch (2.5mm) in order for the printer to detect that the requested paper size has been loaded.
5. When the printer determines that a non-standard paper size is required for a job, ensure that non-standard paper size is selected for Tray 3 or Tray 4, and the proper paper dimensions are entered in Customer tools mode.
6. Some paper sizes that are selectable in the RIP PPD are interpreted by the print engine as custom paper sizes, and the appropriate size must be entered in tools mode at the printer UI.
7. Reduction percentages shown on Scan-to-Print dialog refer to the percentage reduction in each dimension (width and length) of the output image, not the document area. For example, a reduction of 50% results in length and width each being halved, so the output is one-fourth the original size.
8. On the DocuColor 2045/2060 copier configuration, the print engine no longer raises a 16-501 Fault if the RIP server is powered down or rebooted (assuming no print job is in progress). Instead, the print engine error log will record a 16-510 fault code (RIP powered off), but no fault screen will be displayed. Normal copier operation will continue, and full printer operation will resume when the RIP server is running again
9. To use the “Additional Originals” feature for a scan job, the feature must be enabled in Tools mode, and Collated output mode must be selected for the job.