



## CCEVS Approved Assurance Continuity Maintenance Report

Product: Lexmark X548, XS548, X748, X792, XS796, X925, XS925, X950, X952, X954, XS955 and 6500e Scanner (with T650, T652, or T654) Multi-Function Printers

EAL: 2 augmented with ALC\_FLR.2

Date of Activity: 24 September 2012

References: Common Criteria Evaluation and Validation Scheme - Assurance Continuity: Guidance for Maintenance and Re-evaluation, Version 2.0 , September 8, 2008  
Impact Analysis Report for Lexmark X548, XS548, X748, X792, XS796, X925, XS925, X950, X952, X954, XS955 and 6500e Scanner (with T650, T652, or T654) Multi-Function Printers, IAR Version 1.0, July 19, 2012

### Documentation

Updated: Lexmark X548, XS548, X748, X792, XS796, X925, XS925, X950, X952, X954, XS955 and 6500e Scanner (with T650, T652, or T654) Multi-Function Printers Configuration Item List, Version 1.2, July 19, 2012  
Lexmark X548, XS548, X748, X792, XS796, X925, XS925, X950, X952, X954, XS955 and 6500e Scanner (with T650, T652, or T654) Multi-Function Printers Security Target, Version 1.10, July 17, 2012  
Lexmark X548, XS548, X748, X792, XS796, X925, XS925, X950, X952, X954, XS955 and 6500e Scanner (with T650, T652, or T654) Multi-Function Printers Test Results, Version 1.1, July 18, 2012  
Lexmark X746x, X748x User's Guide  
Lexmark X74x Setup Sheet

## I. Introduction

On 19 July 2012, Lexmark submitted an Impact Analysis Report (IAR) to CCEVS for approval. The IAR is intended to satisfy requirements outlined in Common Criteria Evaluation and Validation Scheme - Assurance Continuity: Guidance for Maintenance and Re-evaluation, Version 2.0 , September 8, 2008. In accordance with those requirements, the IAR describes the changes made to the certified TOE, the evidence updated as a result of the changes and the security impact of the changes.

## II. Changes to the TOE

1. A new MFP Model was added, the X748 model with firmware LHSC.NY.P260iCC.
2. Firmware changes were implemented in accordance with the following table:

**Table 1: Description of Firmware Changes**

<b>PTR #</b>	<b>Description</b>
189893	IPDS/Catmon: Device Solutions and IPDS Menu links are missing in the webpage with IPDS DLE installed
183839	Put SK/FL Print Defect Guide into C/NY deltas...
183506	Panel strobing in button test
183065	Print Defect Guide pages are incorrect. Please check in new files.
183048	UICC - hard button and screen presses logged in serial data
182720	CM4 - Black screens after DIAG auto-reboot
180641	PRide/PREDO security fixes: Webpage Command Injection test failed on Camaro P255ab release
175791	Change heavy media temperature adjustments for fuse grade issues
175078	Re-enable DOZE mode
174376	Change BUR temperature table to 10k pullup data
172620	Protect active scans from Doze mode
172137	Use reduced PWM on cart motor 2 during reverse cleaning jog
171754	Change "reset mps" command so that it also clears the counters in the mirror.
171749	Prevent derived scan maintenance counter from going negative
169330	Fuser data updates needed to protect against possible poor fuse grade in cold environments
167781	Camaro/NewYork: Incorrect Print Defects Guide
164676	Change cartridge motor behavior on starts and stops to be more robust against possible stalls
162916	120.01 error in PA
162062	PPQA: 900.80 Scanner.cpp-525: Scan Complete Timeout error after an apparent jam in the ADF, ADF motor left on.
160859	PPQA: OP panel hangs when about to print on what?'s under Forms and Favorites.
160177	Red blinking light when fax unplugged
159141	Line frequency is not being measured correctly
156498	PPQA: 903.12 (94 87 00 0C/ 04 00 00 00) error on Camaro-L010
155135	PPQA: 900.80 Scanmgr.Main 0400-0000...PRJScanner.cpp-2302: ScanSetPowerState(LOW_PWR_EXIT = -7
154478	False 920.21 can occur if front cover opens during 24V present check
154471	120.06 can occur on a bouncy 5V cover switch signal
154160	Disallow 600x600 ADF scanning on NY
150400	Change 148.01 MPF stall to a 250.21 paper jam
150283	FW Test NY Copy: Printer crash during copy from Legal copy to "tray 1" + Overlay Enabled + Paper Saver = 1-2 sided
150142	TTFC is ~4.5s too slow in all modes.
149325	PPQA: Failed to post a message for missing fuser when fuser is detached from the machine.
148561	120.06 service fuser error after the machine declared a jam
147903	UICC - serial debug printfs reveal PIN entry
147647	PPQA: Magenta cartridge low status is not translated into specified language.

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<b>PTR #</b>	<b>Description</b>
146622	Please create GFT release changes on these P251GFT deltas....
146449	PPQA: Pressing the "down arrow" button to get to the bottom of the list does not react as expected at times.
146284	Revert UFST changes to bring C/NY in line w/ EC2
145825	Change MPF pick stop distance to 40mm from 20mm
145680	Convert scanner ADF timeout into ADF jam (similar to JG)
145407	Constant color printing needs more frequent calibration... please see description
145128	FW_Test_Trans(IR_Panel Message) Incomplete translation issue is observable with PHOTOCODUCTOR LOW IR.
145045	Changes to reduce CPU usage when scrolling.
144849	120.06 overtemp check depends on cover state with new fuser safety circuit
144764	Camaro 4.3 UI: Black Only Mode option missing under Setup Menu
144529	UI: Wipe All Settings UI Message is Incorrect
144411	PPQA: Machine turns its panel into black while machine continuously printing.
144339	EMUL-HTML: Pullprinting With Username And Password Are Unreacable
144306	Enable DLE mfg creation
144177	P245 Clover not reporting single IR's
144162	SC\TC: Untranslated strings under General Settings
144148	SEC: Wipe All Settings on New York does not clear history, fax call/job log
143996	Camaro 4.3 UI: Hang-up after selecting more info step in IR Change [src] [Custom String]
143801	TC/SC: Untranslated strings found on Op panel, EWS and printed Menu Settings Page.
143681	RemoteAdminTest Failing (New York)
143532	PPQA: IR message to replace separator pad posted early.
143526	FW_Test_Trans (Setup_Security) Inappropriate string wrapping and truncated string issues are still observable at SECURITY.
143520	Camaro gets blue screen while running SNS
143342	English strings are found in "Show me" of Load IR for every NLS language
143109	FW_Test_Trans (Webpage): Some untranslated strings in Settings.
143101	IPDS/Catmon: Device Solutions and IPDS Menu links are missing in the webpage with IPDS DLE installed
142645	FW_Test_Trans: Untranslated strings in General Settings
142246	PPQA: 900.30 Firmware Error occurs when setting SMTP Gateway.
142218	PPQA: Machine turns into soft hang when about to print duplex B5 test files.
142103	PPQA: Gra* - 900.00 Process ui_24:2225 caused out_of_memory kill (212 pagecache)
141518	Camaro 2.4: Missing selection value under Disk Near Full Level.
141155	Fix for a possible memory leak
140803	UI_CAMARO_2.4 BREAKAGE:Missing "Delete Downloads on Disk" and "Remove Held Jobs" menu after pressing "Delete now" in "Delete Downloads on Disk".
140704	PPQA: 902.68 Service Engine Software after printing Simplex Oficio.
140693	APVT - 900.40 encountered after APVT Error Handling tests.
140522	SPW 2.4 - 900 FE UI 2499 ui_24 Received SIGSEGV \ (pc=22336c lr=2895bc)
140387	FW_Test_Trans: Untranslated instruction for waste toner bottle missing.
140374	FW_Test_Trans: Instruction to replace photoconductor is untranslated.
140329	FW_Test_Trans: Two Show Me instructions not translated.
140247	FW_Test_Trans (Panel) Untranslated strings in USB Printing.
139946	UI_CAMARO_2.4: No Trade Mark (TM), No copyright and the diamond color is red in letter A during power-up of the printer.
139903	Clicking back button on status supplies graphic screen should not beep.

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<b>PTR #</b>	<b>Description</b>
139564	UI_CAMARO_2.4: Not stated in the specs Font Name R91 U001T and R92 U001T but available in the panel.
139506	FW_Test_Trans: Alarms is not translated.
139462	Camaro 2.4 Config: Setting the value for Tray Insert Msg is not possible
139459	Camaro 2.4 Config: "Deleting Jobs" stays on screen seemed forever after selecting delete from Jobs on Disk
139416	MPF paper present sensor can give false paper out indication during envelope pick sequence
139257	GUI_NY : Lacking IR header in remove packaging material
139234	FW_Test_Trans (USB Printing) Untranslated reset printer.
139231	Camaro 2.4 UI: Missing "show me" option for Load/Change Manual IR
139230	FW_Test_Trans (USB Printing) Untranslated strings in French.
139214	FW_Test_Trans (USB Printing) Letterhead is untranslated.
139147	FW-L10n: Unlocalized strings under 200.11.2 page jam or paper jam related IRs on all non-EN languages
139135	FW-L10n: Unlocalized "Please return used cartridge" string on all Cartridge related IRs of all non-EN languages
138973	Update the Supplies Guide
138937	FW-L10n: Unlocalized "Install fuser and tighten blue thumb screws" on all fuser related IRs under More Information section.
138926	FW-L10n: Unlocalized prompts related to Photoconductor Low IRs on all languages
138897	UI_CAMARO_2.4: Missing Card Stock Loading, Vinyl Labels Loading, Bond Loading and Rough/Cotton Loading in the Paper Loading under Paper Menu.
138709	DIAG Sensor test menus architected incorrectly
138708	Need a way to exit COD and CAM tests w/o going all the way back to the Motor menu
138707	Need a way to exit COD and CAM tests w/o going all the way back to the Motor menu
138705	Must suppress the "Close Door" IR when in certain DIAG tests
138704	Must suppress the "Close Door" IR when in certain DIAG tests
138702	New MPF sensor (not on SK/FL) needs to be added to Dynamic Sensor Test in DIAG
138701	New MPF sensor (not on SK/FL) needs to be added to Dynamic Sensor Test in DIAG
138696	Some Static Sensor Tests in DIAG are showing incorrect info
138695	Some Static Sensor Tests in DIAG are showing incorrect info
138615	Front Speaker Not Beeping During Error Condition.
138510	Camaro 2.4: "Profiles and Solutions" should be remove in Initial Setup
138319	900 error in mini-PA
137931	Add fwb perf targets
137816	FW-L10n: Unlocalized Magenta and Yellow photoconductor labels under Device Supplies EWS on Dutch and Czech languages
137633	PPQA: Machine turns into soft hang when about to print Letter test files.
137588	Camaro 2.4 UI: String problems (on IR's, warnings, show me and etc.)
137211	Camaro 2.4 UI: Selecting an option from an IR will select the highlighted option from previous screen
137157	2.4cam: Unlock Device screen hang up after pressing OK button while on sleep mode
137112	2.4cam: Label for Separator Sheets under USB drive settings turn to empty after pressing UP and Down arrow button
137081	CM 2.4: No message when accessing Settings menu when device is not at ready state

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<b>PTR #</b>	<b>Description</b>
136729	Color dropout doesn't work
136721	CoNeY More Info: Missing Animations
136453	FW-L10n: Missing Contents of the following Copy Workflow tips: Copy To and Side (Duplex) on non-EN languages.
136367	Camaro 2.4 UI: The progress bar on the 2.4" did not complete to 100% and quit before home screen
136030	Camaro 4.3 Webpage: Incorrect printer image in EWS
136021	Camaro 2.4 Webpage: Incorrect printer image in EWS
135992	PPQA: 900.43 Firmware Error @PROCESS P4.PS:3255 while printing 10 page duplex Letter.
135930	Webpage_NY: Incorrect printer image on the EWS.
135780	2.4UI cam: You cannot set to mono on the USB drive color mode
135739	Tuning tweaks for New York.
135461	2.4UI: no screen time out for cancel a job
135459	2.4UI cam: stray pixels must be clean up
135447	2.4UI cam: "Password not verified" display on the panel but won't go back to home screen
135019	Fax: Transmission log is showing the wrong status when sending a color fax.
134900	Network(cm2.4panel): Enter PIN prompt box exits when entering more than 5 characters.
134506	FWTest_NewYork_MoreInfo: Unable to continue More Info steps of Scanner Static jam IRs if Play All button is pressed
134337	Output Lighting has disappeared from NY, and the cave light is always off
133464	GUI_NY: Incomplete more information on "change paper" IR for high capacity tray.
133429	2.4 UI crashes should be reported as 900.30 errors
133424	2.4UI cam: Initial setup splash screen does not consistent to spec
133389	WC More Info: 2.4" Panel: Animation Timings
133113	Camaro 2.4 UI: Incorrect header string for Format/Defragment flash
132987	New York Scanner Jam cancels instead of More Info
132725	Camaro 2.4: 900 Firmware error when inserting fuser while in IR 80 Fuser Missing state
132633	No continue button for WTB replacement
132057	GUI_NY: Incomplete more information on "close top access cover" IR.
131854	900.58 Firmware Error To continue, power off, wait 10 seconds, power on. 1559 P4SCIR 0000-0000 wc/wc0\cache/src/drivers-hs-next-releases-KernelHS-FHN.HS1.F211L/1k33jE/wc/libs/imgpi\pe/vortex/yccreat.c-1082 after running disk wiping stress test
131766	GUI_NY: Incomplete more information on "Load Tray 5" IR.
131712	Modify Photoconductor-related Messaging
131685	900.58 Firmware Error
131362	GUI_NY: "31 Missing Yellow cartridge and/or Yellow imaging unit" IR posted on the panel, but not documented on IR onelist.
130990	Change default CM24 ConfigID2
130749	Camaro: Lacking Data in the Time Zone of the webpage of the Printer.
129947	Camaro 2.4 Webpage: Time Format and Screen Brightness in General Settings doesnt have drop down items
129934	PPQA: Jobs by User is not functional in the printer panel when sending a print job using Print and Hold/Job routing
129887	FW_Test_Trans(Reports): Missing information and overlapping strings in DBCS reports.
129759	TTFP for Camaro not achieving spec of 9.0s
129207	PPQA: 900.00 Firmware Error @PROCESS ui_24:923 while printing duplex A5.

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<b>PTR #</b>	<b>Description</b>
128929	FW_Test_Trans (Panel) Inappropriate strings in Status/Supplies notifications.
128860	FW Test NY: Copy: No ID Card Option Value for Copy From/Original Size Selection.
128559	Test 2.4UI cam: show up on the panel 900.40 Firmware Error (bookmark that require authentication)
128007	Printer crashes with external USB hub
127793	CCD Power Sequencing
127412	2.4UI camaro: reset printer is not working while on contacting bookmark
126998	PPQA: Dark output found in the 336th page (duplex) when doing copy to print.
126295	FW Test NY: Copy: 900.58 Firmware Error is Displayed When Copying Using Business Card and Changing Scale Setting Value.
125981	Camaro4.3 More Info Animation Changes
125381	GUI_NY: White screen occurred after inserting configured usb drive on a workflow.
124881	Op panel flicker noise display during boot up
124789	Home and Back hard button does not work while on the Admin Menu screen
124279	PPQA: OP panel flicker a blank panel during boot up.
123870	Camaro 4.3_GUI: Inappropriate behavior in creating bookmark
123424	DLE PCL Barcode Emul: 900.00 firmware error Process P4.PCL5:2524 caught SIGSEGV
123340	CNY moreinfo: need GUI updates for changed content
123234	PPQA: Machine failed to display full IR message when reaching out of paper from MPF.
122954	EMUL-HTML: "URL requested was unreachable" Error Printed
122703	New York hangs at barberpole instead of displaying crash -- 842 Scanner communication error.
121546	GUI_NY: Incomplete Email alert received on paper jam IR message.
121163	PPQA: Garbage character found in the "Asset Report" print out
120873	MPF media sensor ignored after last sheet picked
120717	FWTest_Cam*: (Suggestion) Allow 2.4 SFP to enter alphanumeric password for secured PDF
119861	SM_Selenium_Camaro :- Black Photoconductor Missing error message is not shown properly
119768	Missing update messages
118992	New York -color scan with Content to Text- Characters is not sharp enough for Content to ?Text?-
118946	New York - Blue Color Dropout is not working for mono copy
118552	New York -Bleedthrough observed on New York for Text / Textphoto / photo / Graphics / Mode when doing
118484	PCL Paper: 900.40 Firmware Error Process Page4:1292 caught SIGSEGV
118320	Camaro 2.4_Webpage: Missing Certificate Management
117366	900.54 Firmware Error 1281 P4OSI_OutNew 0010-0000 \page4/bios/malloc_funcs.c-102: dumb_brk exceeded 1572864 bytes
115569	New York ? ADF Magnification is not working for the value of 1.015 and 1.010 and 1.005 on this printer
115061	Modify Photoconductor-related Messaging
114137	New York ? Copy image quality is not good as expected
113024	FW_Test_Trans (Panel) View Factory Defaults is truncated.
112513	Bitmap missing in the op-panel when there is a paper jam in the Lexmark c746dn printer.
110128	Camaro 4.3 GUI: Inconsistent Diagnostic Mode between Panel and Specs. DIAG MOTOR TEST
108916	GUI_NY: No Printer image on Status supplies

<b>PTR #</b>	<b>Description</b>
108384	Camaro/NewYork: Missing help menu guide
106230	NY - Need "Unlock the Scanner" screen
98616	C/NY - Reduce the number of color calibrations seen by the end user

A new TOE identification number was added to identify the new model. No other TOE identification numbers were changed.

### III. Analysis and Testing

1. An additional MFP model has been added. This model has the same security functionality as the models already included in the evaluation. The MFP hardware is SFR-supporting.
2. The firmware has been updated to support the new MFP model and fix multiple bugs. The Analysis of the firmware changes appears in the following table:

**Table 2: Analysis and Rationale for the Firmware Changes**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
189893	IPDS/Catmon: Device Solutions and IPDS Menu links are missing in the webpage with IPDS DLE installed	IPDS functionality is not included in the evaluated configuration.
183839	Put SK/FL Print Defect Guide into C/NY deltas...	Corrects non-security-relevant documentation for the new model.
183506	Panel strobing in button test	Corrects non-security relevant functionality to make the TOE operate as designed.
183065	Print Defect Guide pages are incorrect. Please check in new files.	Addresses non-security-relevant documentation for the new model.
183048	UICC - hard button and screen presses logged in serial data	Corrects non-security relevant functionality to make the TOE operate as designed.
182720	CM4 - Black screens after DIAG auto-reboot	Corrects non-security relevant functionality to make the TOE operate as designed.
180641	PRide/PREDO security fixes: Webpage Command Injection test failed on Camaro P255ab release	Addresses a security-relevant bug. This bug was introduced in build 255, which was subsequent to the certified TOE (build 244). The bug was fixed prior to the current TOE (build 260).

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<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
175791	Change heavy media temperature adjustments for fuse grade issues	Corrects non-security relevant functionality to make the TOE operate as designed.
175078	Re-enable DOZE mode	Corrects non-security relevant functionality to make the TOE operate as designed.
174376	Change BUR temperature table to 10k pullup data	Corrects non-security relevant functionality to make the TOE operate as designed.
172620	Protect active scans from Doze mode	Corrects non-security relevant functionality to make the TOE operate as designed.
172137	Use reduced PWM on cart motor 2 during reverse cleaning jog	Corrects non-security relevant functionality to make the TOE operate as designed.
171754	Change "reset mps" command so that it also clears the counters in the mirror.	Corrects non-security relevant functionality to make the TOE operate as designed.
171749	Prevent derived scan maintenance counter from going negative	Corrects non-security relevant functionality to make the TOE operate as designed.
169330	Fuser data updates needed to protect against possible poor fuse grade in cold environments	Corrects non-security relevant functionality to make the TOE operate as designed.
167781	Camaro/NewYork: Incorrect Print Defects Guide	Corrects non-security-relevant documentation for the new model.
164676	Change cartridge motor behavior on starts and stops to be more robust against possible stalls	Corrects non-security relevant functionality to make the TOE operate as designed.
162916	120.01 error in PA	Corrects non-security relevant functionality to make the TOE operate as designed.
162062	PPQA: 900.80 Scanner.cpp-525: Scan Complete Timeout error after an apparent jam in the ADF, ADF motor left on.	Corrects non-security relevant functionality to make the TOE operate as designed.
160859	PPQA: OP panel hangs when about to print on what?s under Forms and Favorites.	Corrects non-security relevant functionality to make the TOE operate as designed.



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<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
160177	Red blinking light when fax unplugged	Corrects non-security relevant functionality to make the TOE operate as designed.
159141	Line frequency is not being measured correctly	Corrects non-security relevant functionality to make the TOE operate as designed.
156498	PPQA: 903.12 (94 87 00 0C/ 04 00 00 00) error on Camaro-L010	Corrects non-security relevant functionality to make the TOE operate as designed.
155135	PPQA: 900.80 Scanmgr.Main 0400-0000...PRJScanner.cpp-2302: ScanSetPowerState(LOW_PWR_EXIT = -7	Corrects non-security relevant functionality to make the TOE operate as designed.
154478	False 920.21 can occur if front cover opens during 24V present check	Corrects non-security relevant functionality to make the TOE operate as designed.
154471	120.06 can occur on a bouncy 5V cover switch signal	Corrects non-security relevant functionality to make the TOE operate as designed.
154160	Disallow 600x600 ADF scanning on NY	Corrects non-security relevant functionality to make the TOE operate as designed.
150400	Change 148.01 MPF stall to a 250.21 paper jam	Corrects non-security relevant functionality to make the TOE operate as designed.
150283	FW Test NY Copy: Printer crash during copy from Legal copy to "tray 1" + Overlay Enabled + Paper Saver = 1-2 sided	Corrects non-security relevant functionality to make the TOE operate as designed.
150142	TTFC is ~4.5s too slow in all modes.	Corrects non-security relevant functionality to make the TOE operate as designed.
149325	PPQA: Failed to post a message for missing fuser when fuser is detached from the machine.	Corrects non-security relevant functionality to make the TOE operate as designed.
148561	120.06 service fuser error after the machine declared a jam	Corrects non-security relevant functionality to make the TOE operate as designed.

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<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
147903	UICC - serial debug printfs reveal PIN entry	Addresses a security-relevant bug. This bug was introduced in build 252, which was subsequent to the certified TOE (build 244). The bug was fixed prior to the current TOE (build 260).
147647	PPQA: Magenta cartridge low status is not translated into specified language.	Corrects non-security relevant functionality to make the TOE operate as designed.
146622	Please create GFT release changes on these P251GFT deltas...	Merges non-security relevant functionality from a field trial branch into the main code branch.
146449	PPQA: Pressing the "down arrow" button to get to the bottom of the list does not react as expected at times.	Corrects non-security relevant functionality to make the TOE operate as designed.
146284	Revert UFST changes to bring C/NY in line w/ EC2	Removes changes made for font rendering (non-security relevant) that were postponed until a later release.
145825	Change MPF pick stop distance to 40mm from 20mm	Corrects non-security relevant functionality to make the TOE operate as designed.
145680	Convert scanner ADF timeout into ADF jam (similar to JG)	Corrects non-security relevant functionality to make the TOE operate as designed.
145407	Constant color printing needs more frequent calibration... please see description	Corrects non-security relevant functionality to make the TOE operate as designed.
145128	FW_Test_Trans(IR_Panel Message) Incomplete translation issue is observable with PHOTOCONDUCTOR LOW IR.	Corrects non-security relevant functionality to make the TOE operate as designed.
145045	Changes to reduce CPU usage when scrolling.	Corrects non-security relevant functionality to make the TOE operate as designed.
144849	120.06 overtemp check depends on cover state with new fuser safety circuit	Corrects non-security relevant functionality to make the TOE operate as designed.
144764	Camaro 4.3 UI: Black Only Mode option missing under Setup Menu	Corrects non-security relevant functionality to make the TOE operate as designed.

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<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
144529	UI: Wipe All Settings UI Message is Incorrect	Corrects non-security relevant functionality to make the TOE operate as designed.
144411	PPQA: Machine turns its panel into black while machine continuously printing.	Corrects non-security relevant functionality to make the TOE operate as designed.
144339	EMUL-HTML: Pullprinting With Username And Password Are Unreacable	Corrects non-security relevant functionality to make the TOE operate as designed. Also, this functionality is not enabled in the evaluated configuration.
144306	Enable DLE mfg creation	Corrects non-security relevant functionality to make the TOE operate as designed.
144177	P245 Clover not reporting single IR's	Corrects non-security relevant functionality to make the TOE operate as designed.
144162	SC\TC: Untranslated strings under General Settings	Corrects non-security relevant functionality to make the TOE operate as designed.
144148	SEC: Wipe All Settings on New York does not clear history, fax call/job log	Corrects non-security relevant functionality to make the TOE operate as designed.
143996	Camaro 4.3 UI: Hang-up after selecting more info step in IR Change [src] [Custom String]	Corrects non-security relevant functionality to make the TOE operate as designed.
143801	TC/SC: Untranslated strings found on Op panel, EWS and printed Menu Settings Page.	Corrects non-security relevant functionality to make the TOE operate as designed.
143681	RemoteAdminTest Failing (New York)	Corrects non-security relevant functionality to make the TOE operate as designed.
143532	PPQA: IR message to replace separator pad posted early.	Corrects non-security relevant functionality to make the TOE operate as designed.

**CCEVS VALIDATION PROPRIETARY, VID10456**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
143526	FW_Test_Trans (Setup_Security) Inappropriate string wrapping and truncated string issues are still observable at SECURITY.	Addresses a security-relevant bug. This bug was introduced in build 249, which was subsequent to the certified TOE (build 244). The bug was fixed prior to the current TOE (build 260).
143520	Camaro gets blue screen while running SNS	Corrects non-security relevant functionality to make the TOE operate as designed.
143342	English strings are found in "Show me" of Load IR for every NLS language	Corrects non-security relevant functionality to make the TOE operate as designed.
143109	FW_Test_Trans (Webpage): Some untranslated strings in Settings.	Corrects non-security relevant functionality to make the TOE operate as designed.
143101	IPDS/Catmon: Device Solutions and IPDS Menu links are missing in the webpage with IPDS DLE installed	Corrects non-security relevant functionality to make the TOE operate as designed.
142645	FW_Test_Trans: Untranslated strings in General Settings	Corrects non-security relevant functionality to make the TOE operate as designed.
142246	PPQA: 900.30 Firmware Error occurs when setting SMTP Gateway.	Addresses a security-relevant bug. This bug was introduced in build 249, which was subsequent to the certified TOE (build 244). The bug was fixed prior to the current TOE (build 260).
142218	PPQA: Machine turns into soft hang when about to print duplex B5 test files.	Corrects non-security relevant functionality to make the TOE operate as designed.
142103	PPQA: Gra* - 900.00 Process ui_24:2225 caused out_of_memory kill (212 pagecache)	Corrects non-security relevant functionality to make the TOE operate as designed.
141518	Camaro 2.4: Missing selection value under Disk Near Full Level.	The code for a 2.4" touch screen is not relevant to the TOE.
141155	Fix for a possible memory leak	Corrects non-security relevant functionality to make the TOE operate as designed.
140803	UI_CAMARO_2.4 BREAKAGE:Missing "Delete Downloads on Disk" and "Remove Held Jobs" menu after pressing "Delete now" in "Delete Downloads on Disk".	The code for a 2.4" touch screen is not relevant to the TOE.

**CCEVS VALIDATION PROPRIETARY, VID10456**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
140704	PPQA: 902.68 Service Engine Software after printing Simplex Oficio.	Corrects non-security relevant functionality to make the TOE operate as designed.
140693	APVT - 900.40 encountered after APVT Error Handling tests.	Corrects non-security relevant functionality to make the TOE operate as designed.
140522	SPW 2.4 - 900 FE UI 2499 ui_24 Received SIGSEGV \ (pc=22336c lr=2895bc)	The code for a 2.4" touch screen is not relevant to the TOE.
140387	FW_Test_Trans: Untranslated instruction for waste toner bottle missing.	Corrects non-security relevant functionality to make the TOE operate as designed.
140374	FW_Test_Trans: Instruction to replace photoconductor is untranslated.	Corrects non-security relevant functionality to make the TOE operate as designed.
140329	FW_Test_Trans: Two Show Me instructions not translated.	Corrects non-security relevant functionality to make the TOE operate as designed.
140247	FW_Test_Trans (Panel) Untranslated strings in USB Printing.	Corrects non-security relevant functionality to make the TOE operate as designed.
139946	UI_CAMARO_2.4: No Trade Mark (TM), No copyright and the diamond color is red in letter A during power-up of the printer.	The code for a 2.4" touch screen is not relevant to the TOE.
139903	Clicking back button on status supplies graphic screen should not beep.	Corrects non-security relevant functionality to make the TOE operate as designed.
139564	UI_CAMARO_2.4: Not stated in the specs Font Name R91 U001T and R92 U001T but available in the panel.	The code for a 2.4" touch screen is not relevant to the TOE.
139506	FW_Test_Trans: Alarms is not translated.	Corrects non-security relevant functionality to make the TOE operate as designed.
139462	Camaro 2.4 Config: Setting the value for Tray Insert Msg is not possible	The code for a 2.4" touch screen is not relevant to the TOE.
139459	Camaro 2.4 Config: "Deleting Jobs" stays on screen seemed forever after selecting delete from Jobs on Disk	The code for a 2.4" touch screen is not relevant to the TOE.
139416	MPF paper present sensor can give false paper out indication during envelope pick sequence	Corrects non-security relevant functionality to make the TOE operate as designed.

**CCEVS VALIDATION PROPRIETARY, VID10456**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
139257	GUI_NY : Lacking IR header in remove packaging material	Corrects non-security relevant functionality to make the TOE operate as designed.
139234	FW_Test_Trans (USB Printing) Untranslated reset printer.	USB printing functionality is not included in the evaluated configuration.
139231	Camaro 2.4 UI: Missing "show me" option for Load/Change Manual IR	The code for a 2.4" touch screen is not relevant to the TOE.
139230	FW_Test_Trans (USB Printing) Untranslated strings in French.	USB printing functionality is not included in the evaluated configuration.
139214	FW_Test_Trans (USB Printing) Letterhead is untranslated.	USB printing functionality is not included in the evaluated configuration.
139147	FW-L10n: Unlocalized strings under 200.11.2 page jam or paper jam related IRs on all non-EN languages	Corrects non-security relevant functionality to make the TOE operate as designed.
139135	FW-L10n: Unlocalized "Please return used cartridge" string on all Cartridge related IRs of all non-EN languages	Corrects non-security relevant functionality to make the TOE operate as designed.
138973	Update the Supplies Guide	Corrects non-security-relevant documentation for the new model.
138937	FW-L10n: Unlocalized "Install fuser and tighten blue thumb screws" on all fuser related IRs under More Information section.	Corrects non-security relevant functionality to make the TOE operate as designed.
138926	FW-L10n: Unlocalized prompts related to Photoconductor Low IRs on all languages	Corrects non-security relevant functionality to make the TOE operate as designed.
138897	UI_CAMARO_2.4: Missing Card Stock Loading, Vinyl Labels Loading, Bond Loading and Rough/Cotton Loading in the Paper Loading under Paper Menu.	The code for a 2.4" touch screen is not relevant to the TOE.
138709	DIAG Sensor test menus architected incorrectly	Corrects non-security relevant functionality to make the TOE operate as designed.
138708	Need a way to exit COD and CAM tests w/o going all the way back to the Motor menu	Corrects non-security relevant functionality to make the TOE operate as designed.
138707	Need a way to exit COD and CAM tests w/o going all the way back to the Motor menu	Corrects non-security relevant functionality to make the TOE operate as designed.

**CCEVS VALIDATION PROPRIETARY, VID10456**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
138705	Must suppress the "Close Door" IR when in certain DIAG tests	Corrects non-security relevant functionality to make the TOE operate as designed.
138704	Must suppress the "Close Door" IR when in certain DIAG tests	Corrects non-security relevant functionality to make the TOE operate as designed.
138702	New MPF sensor (not on SK/FL) needs to be added to Dynamic Sensor Test in DIAG	Corrects non-security relevant functionality to make the TOE operate as designed.
138701	New MPF sensor (not on SK/FL) needs to be added to Dynamic Sensor Test in DIAG	Corrects non-security relevant functionality to make the TOE operate as designed.
138696	Some Static Sensor Tests in DIAG are showing incorrect info	Corrects non-security relevant functionality to make the TOE operate as designed.
138695	Some Static Sensor Tests in DIAG are showing incorrect info	Corrects non-security relevant functionality to make the TOE operate as designed.
138615	Front Speaker Not Beeping During Error Condition.	Corrects non-security relevant functionality to make the TOE operate as designed.
138510	Camaro 2.4: "Profiles and Solutions" should be remove in Initial Setup	The code for a 2.4" touch screen is not relevant to the TOE.
138319	900 error in mini-PA	Corrects non-security relevant functionality to make the TOE operate as designed.
137931	Add fwb perf targets	Corrects non-security relevant functionality to make the TOE operate as designed.
137816	FW-L10n: Unlocalized Magenta and Yellow photoconductor labels under Device Supplies EWS on Dutch and Czech languages	Corrects non-security relevant functionality to make the TOE operate as designed.
137633	PPQA: Machine turns into soft hang when about to print Letter test files.	Corrects non-security relevant functionality to make the TOE operate as designed.
137588	Camaro 2.4 UI: String problems (on IR's, warnings, show me and etc.)	The code for a 2.4" touch screen is not relevant to the TOE.

**CCEVS VALIDATION PROPRIETARY, VID10456**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
137211	Camaro 2.4 UI: Selecting an option from an IR will select the highlighted option from previous screen	The code for a 2.4" touch screen is not relevant to the TOE.
137157	2.4cam: Unlock Device screen hang up after pressing OK button while on sleep mode	The code for a 2.4" touch screen is not relevant to the TOE.
137112	2.4cam: Label for Separator Sheets under USB drive settings turn to empty after pressing UP and Down arrow button	The code for a 2.4" touch screen is not relevant to the TOE.
137081	CM 2.4: No message when accessing Settings menu when device is not at ready state	The code for a 2.4" touch screen is not relevant to the TOE.
136729	Color dropout doesn't work	Corrects non-security relevant functionality to make the TOE operate as designed.
136721	CoNeY More Info: Missing Animations	Corrects non-security relevant functionality to make the TOE operate as designed.
136453	FW-L10n: Missing Contents of the following Copy Workflow tips: Copy To and Side (Duplex) on non-EN languages.	Corrects non-security-relevant documentation for the new model.
136367	Camaro 2.4 UI: The progress bar on the 2.4" did not complete to 100% and quit before home screen	The code for a 2.4" touch screen is not relevant to the TOE.
136030	Camaro 4.3 Webpage: Incorrect printer image in EWS	Corrects non-security relevant functionality to make the TOE operate as designed.
136021	Camaro 2.4 Webpage: Incorrect printer image in EWS	The code for a 2.4" touch screen is not relevant to the TOE.
135992	PPQA: 900.43 Firmware Error @PROCESS P4.PS:3255 while printing 10 page duplex Letter.	Corrects non-security relevant functionality to make the TOE operate as designed.
135930	Webpage_NY: Incorrect printer image on the EWS.	Corrects non-security relevant functionality to make the TOE operate as designed.
135780	2.4UI cam: You cannot set to mono on the USB drive color mode	The code for a 2.4" touch screen is not relevant to the TOE.
135739	Tuning tweaks for New York.	Corrects non-security relevant functionality to make the TOE operate as designed.
135461	2.4UI: no screen time out for cancel a job	The code for a 2.4" touch screen is not relevant to the TOE.



**CCEVS VALIDATION PROPRIETARY, VID10456**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
135459	2.4UI cam: stray pixels must be clean up	The code for a 2.4" touch screen is not relevant to the TOE.
135447	2.4UI cam: "Password not verified" display on the panel but won't go back to home screen	The code for a 2.4" touch screen is not relevant to the TOE.
135019	Fax: Transmission log is showing the wrong status when sending a color fax.	Corrects non-security relevant functionality to make the TOE operate as designed.
134900	Network(cm2.4panel): Enter PIN prompt box exits when entering more than 5 characters.	The code for a 2.4" touch screen is not relevant to the TOE.
134506	FWTest_NewYork_MoreInfo: Unable to continue More Info steps of Scanner Static jam IRs if Play All button is pressed	Corrects non-security relevant functionality to make the TOE operate as designed.
134337	Output Lighting has disappeared from NY, and the cave light is always off	Corrects non-security relevant functionality to make the TOE operate as designed.
133464	GUI_NY: Incomplete more information on "change paper" IR for high capacity tray.	Corrects non-security relevant functionality to make the TOE operate as designed.
133429	2.4 UI crashes should be reported as 900.30 errors	The code for a 2.4" touch screen is not relevant to the TOE.
133424	2.4UI cam: Initial setup splash screen does not consistent to spec	The code for a 2.4" touch screen is not relevant to the TOE.
133389	WC More Info: 2.4" Panel: Animation Timings	The code for a 2.4" touch screen is not relevant to the TOE.
133113	Camaro 2.4 UI: Incorrect header string for Format/Defragment flash	The code for a 2.4" touch screen is not relevant to the TOE.
132987	New York Scanner Jam cancels instead of More Info	Corrects non-security relevant functionality to make the TOE operate as designed.
132725	Camaro 2.4: 900 Firmware error when inserting fuser while in IR 80 Fuser Missing state	The code for a 2.4" touch screen is not relevant to the TOE.
132633	No continue button for WTB replacement	Corrects non-security relevant functionality to make the TOE operate as designed.
132057	GUI_NY: Incomplete more information on "close top access cover" IR.	Corrects non-security relevant functionality to make the TOE operate as designed.

**CCEVS VALIDATION PROPRIETARY, VID10456**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
131854	900.58 Firmware Error To continue, power off, wait 10 seconds, power on. 1559 P4SCIR 0000-0000 wc/wc0\cache/src/drivers-hs-next-releases-KernelHS-FHN.HS1.F211L/1k33jE/wc/libs/imgpi\pe/vortex/yccread.c-1082 after running disk wiping stress test	Corrects non-security relevant functionality to make the TOE operate as designed.
131766	GUI_NY: Incomplete more information on "Load Tray 5" IR.	Corrects non-security relevant functionality to make the TOE operate as designed.
131712	Modify Photoconductor-related Messaging	Corrects non-security relevant functionality to make the TOE operate as designed.
131685	900.58 Firmware Error	Corrects non-security relevant functionality to make the TOE operate as designed.
131362	GUI_NY: "31 Missing Yellow cartridge and/or Yellow imaging unit" IR posted on the panel, but not documented on IR onelist.	Corrects non-security relevant functionality to make the TOE operate as designed.
130990	Change default CM24 ConfigID2	The code for a 2.4" touch screen is not relevant to the TOE.
130749	Camaro: Lacking Data in the Time Zone of the webpage of the Printer.	Corrects non-security relevant functionality to make the TOE operate as designed.
129947	Camaro 2.4 Webpage: Time Format and Screen Brightness in General Settings doesnt have drop down items	The code for a 2.4" touch screen is not relevant to the TOE.
129934	PPQA: Jobs by User is not functional in the printer panel when sending a print job using Print and Hold/Job routing	Print and Hold functionality is not included in the evaluated configuration.
129887	FW_Test_Trans(Reports): Missing information and overlapping strings in DBCS reports.	Corrects non-security relevant functionality to make the TOE operate as designed.
129759	TTFP for Camaro not achieving spec of 9.0s	Corrects non-security relevant functionality to make the TOE operate as designed.
129207	PPQA: 900.00 Firmware Error @PROCESS ui_24:923 while printing duplex A5.	Corrects non-security relevant functionality to make the TOE operate as designed.
128929	FW_Test_Trans (Panel) Inappropriate strings in Status/Supplies notifications.	Corrects non-security relevant functionality to make the TOE operate as designed.

**CCEVS VALIDATION PROPRIETARY, VID10456**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
128860	FW Test NY: Copy: No ID Card Option Value for Copy From/Original Size Selection.	Corrects non-security relevant functionality to make the TOE operate as designed.
128559	Test 2.4UI cam: show up on the panel 900.40 Firmware Error (bookmark that require authentication)	The code for a 2.4" touch screen is not relevant to the TOE.
128007	Printer crashes with external USB hub	In the evaluated configuration, USB ports may only be used for connectivity to card readers to support CAC/PIV functionality. External USB hubs are relevant to the evaluated configuration.
127793	CCD Power Sequencing	Corrects non-security relevant functionality to make the TOE operate as designed.
127412	2.4UI camaro: reset printer is not working while on contacting bookmark	The code for a 2.4" touch screen is not relevant to the TOE.
126998	PPQA: Dark output found in the 336th page (duplex) when doing copy to print.	Corrects non-security relevant functionality to make the TOE operate as designed.
126295	FW Test NY: Copy: 900.58 Firmware Error is Displayed When Copying Using Business Card and Changing Scale Setting Value.	Corrects non-security relevant functionality to make the TOE operate as designed.
125981	Camaro4.3 More Info Animation Changes	Corrects non-security relevant functionality to make the TOE operate as designed.
125381	GUI_NY: White screen occurred after inserting configured usb drive on a workflow.	USB printing functionality is not included in the evaluated configuration.
124881	Op panel flicker noise display during boot up	Corrects non-security relevant functionality to make the TOE operate as designed.
124789	Home and Back hard button does not work while on the Admin Menu screen	Corrects non-security relevant functionality to make the TOE operate as designed.
124279	PPQA: OP panel flicker a blank panel during boot up.	Corrects non-security relevant functionality to make the TOE operate as designed.

**CCEVS VALIDATION PROPRIETARY, VID10456**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
123870	Camaro 4.3_GUI: Inappropriate behavior in creating bookmark	Corrects non-security relevant functionality to make the TOE operate as designed.
123424	DLE PCL Barcode Emul: 900.00 firmware error Process P4.PCL5:2524 caught SIGSEGV	Corrects non-security relevant functionality to make the TOE operate as designed.
123340	CNY moreinfo: need GUI updates for changed content	Corrects non-security relevant functionality to make the TOE operate as designed.
123234	PPQA: Machine failed to display full IR message when reaching out of paper from MPF.	Corrects non-security relevant functionality to make the TOE operate as designed.
122954	EMUL-HTML: "URL requested was unreachable" Error Printed	Document access via URL functionality is not included in the evaluated configuration.
122703	New York hangs at barberpole instead of displaying crash -- 842 Scanner communication error.	Corrects non-security relevant functionality to make the TOE operate as designed.
121546	GUI_NY: Incomplete Email alert received on paper jam IR message.	Corrects non-security relevant functionality to make the TOE operate as designed.
121163	PPQA: Garbage character found in the "Asset Report" print out	Corrects non-security relevant functionality to make the TOE operate as designed.
120873	MPF media sensor ignored after last sheet picked	Corrects non-security relevant functionality to make the TOE operate as designed.
120717	FWTest_Cam*: (Suggestion) Allow 2.4 SFP to enter alphanumeric password for secured PDF	The code for a 2.4" touch screen is not relevant to the TOE.
119861	SM_Selenium_Camaro :- Black Photoconductor Missing error message is not shown properly	Corrects non-security relevant functionality to make the TOE operate as designed.
119768	Missing update messages	Corrects non-security relevant functionality to make the TOE operate as designed.
118992	New York -color scan with Content to Text- Characters is not sharp enough for Content to ?Text?-	Corrects non-security relevant functionality to make the TOE operate as designed.

**CCEVS VALIDATION PROPRIETARY, VID10456**

<b>PTR #</b>	<b>Description</b>	<b>Analysis and Rationale</b>
118946	New York - Blue Color Dropout is not working for mono copy	Corrects non-security relevant functionality to make the TOE operate as designed.
118552	New York -Bleedthrough observed on New York for Text / Textphoto / photo / Graphics / Mode when doing	Corrects non-security relevant functionality to make the TOE operate as designed.
118484	PCL Paper: 900.40 Firmware Error Process Page4:1292 caught SIGSEGV	Corrects non-security relevant functionality to make the TOE operate as designed.
118320	Camaro 2.4_Webpage: Missing Certificate Management	The code for a 2.4" touch screen is not relevant to the TOE.
117366	900.54 Firmware Error 1281 P4OSI_OutNew 0010-0000 \ page4/bios/malloc_funcs.c-102: dumb_brk exceeded 1572864 bytes	Corrects non-security relevant functionality to make the TOE operate as designed.
115569	New York ? ADF Magnification is not working for the value of 1.015 and 1.010 and 1.005 on this printer	Corrects non-security relevant functionality to make the TOE operate as designed.
115061	Modify Photoconductor-related Messaging	Corrects non-security relevant functionality to make the TOE operate as designed.
114137	New York ? Copy image quality is not good as expected	Corrects non-security relevant functionality to make the TOE operate as designed.
113024	FW_Test_Trans (Panel) View Factory Defaults is truncated.	Corrects non-security relevant functionality to make the TOE operate as designed.
112513	Bitmap missing in the op-panel when there is a paper jam in the Lexmark c746dn printer.	Corrects non-security relevant functionality to make the TOE operate as designed.
110128	Camaro 4.3 GUI: Inconsistent Diagnostic Mode between Panel and Specs. DIAG MOTOR TEST	Corrects non-security relevant functionality to make the TOE operate as designed.
108916	GUI_NY: No Printer image on Status supplies	Corrects non-security relevant functionality to make the TOE operate as designed.
108384	Camaro/NewYork: Missing help menu guide	Corrects non-security relevant functionality to make the TOE operate as designed.

PTR #	Description	Analysis and Rationale
106230	NY - Need "Unlock the Scanner" screen	Corrects non-security relevant functionality to make the TOE operate as designed.
98616	C/NY - Reduce the number of color calibrations seen by the end user	Corrects non-security relevant functionality to make the TOE operate as designed.

#### IV. Conclusion

This maintenance activity covers the addition of one new printer model and the firmware changes fixing bugs identified with the original TOE. No existing security functionality was removed and no new security functionality was added.