

Firmware Release Note

Model: X7600 Series	Date: 21-Jan-2019
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V6.G6.02 FW addresses total of 2 issues.

- Major Changes

- 1) New translation of thai language is added for wrap jam error.
- 2) Fixed the UI slowness issue which use to happen after adding more widgets at home and machine was not rebooted for 2 to 3 days.

Please upgrade the FW with V6.G6.02 if any one of the mentioned problems need to be resolved.

Version	Category	TSP ID	Division	Change Description
V6.G6.02 (2019-01-21)	Problem		KOREA	Thai translation for Wrap Jam Error(M2-1317) is updated.
	Problem		KOREA	UI Slowness issue is fixed.

Software Component Versions

System Firmware	V6.G6.02
Main FW Version	V11.01.09.01_12-10-2018
XOA Web	1.4.33
UP	1.17.34_(20171218171009)
Engine Firmware	V02.02.64
File System Version	FS_V15.02.06.23.15
SCB(Scan,Fax) Version	V3.00.05.04
Boot Rom Version	V15.11.00.00.05
UI Firmware	V5.18.50.10.00_18112316
ADF Firmware	00.03.60
Tray1	V2.02.64
Tray2	V2.02.64
Tray3	V02.21.00
Tray4	V02.21.00
finisher(Inner) Version	V01.49
finisher(3K) Version	V02.67
Booklet Version	V02.33
Hole Punch Version	V04.06
PCL5CE	V8.22_170906
PCLXL	V11.00.90
PS/PDF/XPS	V6.21.01.62.02.03_170415

Image Quality tables

EP	V4.01
Fuser	V5.74
Toner	V3.25
TR	V1.64
Scan Control	V0.50
Print CMS	V13.03.10.10
Copy CMS	V.13.02.0818
Scan CMS	V2.4
Print IEM	V0.36
Copy IEM	V6.50.1219

Update dependency

- None

Solution Compatibility Table
(X7600 : V6.G6.02)

Category	Solution Name	Solution Version	V6.G6.02	Verified F/W Version
BCPS	CloudConnectorCore	2.50.008	○	V6.F6.04.03.101119
	DocumentWorkflowCore	2.50.007	○	V6.F6.04.03.101119
	PrintingSecurityCore	2.50.008	○	V6.F6.04.03.101119
	SecureLoginCore	2.50.006	○	V6.F6.04.02.072419
	UsageTrackerCore	2.50.006	○	V6.F6.04.03.101119
	XOA-WEB Enabler	2.00.003	○	V6.D6.29
ISV-XOA-E	Autostore	1.0.0 (Server : 7.00.3.0 (DRS:7.0.1.16, APD:7.0.3.26))	○	V6.E6.05.02.071317
	Drive Image	1.5.43 (Server : 5.1.546)	○	V6.A2.54
	Drive Print	1.1.30 (Server : 3.1.100)	○	V6.A2.54
	Equitrac	1.1.0.135 (Server : 5.2.21.8778)	○	V6.D6.29.03.120609
	Geniusbytes MyMFP	2.14.10.6 (Server : 2.16.12)	○	V6.E6.05.02.071317
	NDDigital n-Access	2.1.3 (Server : NDDigital n-Billing 4.9)	○	V6.D6.07
	NDDigital n-Collector	2.2.4 (Server : NDDigital n-Billing 4.9)	○	V6.D6.07
	NDDigital n-Releaser	2.1.4 (Server : NDDigital n-Billing 4.9)	○	V6.D6.07
	Omtool AccuRoute	1.0.0.689 (Server : 2013(Build 5))	○	V6.D6.07
	PaperCut	1.1.0 (Server : 16.4 (build 38954))	○	V6.F6.01
	PrintFleet Cloud Embedded DC	1.1.249 (Server : 3.6)	○	V6.E6.05.02.071317
	Ringdale FollowMe	1.1.2.9 (Server : 6.1.0.103)	○	V6.D6.07
	SafeCom	010.24.23 (Server : 10.520.10.35)	○	V6.F6.04.03.101119
	SafeQ Embedded Terminal	1.0.0 (Server : C.0.18.002)	○	V6.D6.29.03.120609
	Scanner Vision	1.0.6 (Server : 6.2.0.270)	○	V6.D6.07
	Scanshare Essentials	1.5.15.167 (Server : 4.0.5)	○	V6.D6.07
	Ubiquitech Easy & VDMS	1.5.3-rel3 (Server : 5.0.0-rel [ca91b])	○	V6.D6.29.03.120609
	e-Paper Sentinel	5.0.7	○	V6.D6.07
Prism ScanPathTM	1.0.49 (Server : 2.5.0.29)	○	V6.A2.18	
SmartUX	Nuance unified client	1.0.0.606 (Server : 5.7.32.1530(DRS:7.0.1.31, APD : 7.0.4.27))	○	V6.F6.04.01.041619
PrinterOn	PrinterOn Branded Agent	2.03.003	○	V6.F6.04.03.101119

◎ A solution has been verified and MUST be compatible with the releasing F/W version.

○ Previously the supported solutions have been tested and verified with the version specified in the "Verified F/W version" row in the table.
The required test has been conducted on this FW version to ensure the backward compatibility with "Verified F/W version".

FW Release History

Version	Category	BTSP ID	Division	Change Description
V6.F6.04.03.101119 (2018-11-01)	Problem		KOREA	Fixed the issue that image log not sent to Printing Security Solution Server when fax images recieved through Line2
	Problem		KOREA	Improved Fusing mechanism for Fuser wrap JAM
	Problem		DEV	Fixed Firmware update failure or blank image scanning could be happened when Host Name contains "VE"
	Problem		DEV	Fixed the issue of WSD Print installation with Win10 (1703/1709/1803)
	Problem		DEV	Fixed the Google Address Book stay signin issue and showing previous user contacts
	Problem	SIE174695	EMEA	Fixed the issue of Box app Athentication
	Problem		DEV	Fixed MFP slow down issue with mDNS
V6.F6.04.02.072419 (2018-08-01)	Problem	SIP68753 TP174000	EMEA	S1-2452 Error issue was fixed by improving the DB recovery logic
	Problem		DEV	When SNMP Community Web Service is called via HPSM application to add/edit/delete the community names, a side effect is observed that SNMPv3 is getting disabled. This side effect is fixed
	Problem	SIP68582	AMS	Fixed SMB 2/3 job failed issue due to excessive permissions requested
	Requirement		DEV	SNI(Server Name Indication) is added by new requirement for Google Cloud Print servers when SSL enabled.
	Requirement		DEV	New feature implementation for configurable 'SSL/TLS' protocols and ciphers option. Security level configuration can be done according to user requirement from SWS.

	Problem	SIE173360	EMEA	Fixed booklet fold & staple option is not working when printing multiple copies from stored job
	Problem		SQE	The Punch option doesn't take effect after changed it from 2Punch to 4Punch under Box->Print->print options. This is fixed
V6.F6.04.01.041619 (2018-05-04)	Problem	TP1790KD	SEAU	'Error 403' caused when connecting to Google Addressbook due to Google policy changes is fixed.
	Problem	-	DEV	The intermittent stoppage caused when creating Hibernation Image when https is enabled is fixed.
	Problem	-	DEV	Inaccurate range value associated with Scan background density from Nuance Unified client compatibility test is fixed.
	Problem	TP17A06W	SEA	The issue that file stored at Box App is not intermittently deleted at the device where HDD Image Overwrite is enabled is fixed.
	Problem	SIP65410	SEG	The issue that Ext.Phone setting in service mode revert back to initialized value when dual Fax card is installed and power cycled is fixed.
	Problem	-	SEBN	Login speed has improved when using Nuance Unified client.
	Problem	SIP65701	SEG	The issue that certificate related setting value is reset as default after changed F/W version including updated Send App is installed is fixed.
	Problem	SIP64544	SEAU	The issue that fuser detection fails due to intermittent timing in case that a user sends a job when the device enters sleep is fixed.
	Problem	SIE154757 SIE156425	SAU	The issue that email is not delivered under ScantoEmail in case that special characters(ex ',') are included in sender's user name is fixed.
	Requirement	SIE157066	EMEA	New certificate of Google Cloud server is applied.
	Problem	-	SEG	Copy sharpness value change failure on FAP is fixed.
Problem	-	EMEA	Special characters except for '<' and '>' are now allowed as LDAP server access password.	
V6.F6.04 (2018-02-12)	Problem	-	KOR	Change to define start and end time when enabling performance optimization feature.
V6.F6.01 (2017-10-27)	Problem	-	SEG	Fixed an issue of unintended color being printed because of wrong processing of 1x1 size pattern in PCL5 job for color printers.
	Problem	-	KOR	Fixed an issue of black text printed as white in specific application for color printers.
	Problem	TP17801L	SEBN	Fixed an issue of the reset database menu being displayed at booting phase by intermittent corruption of audit database index.
	Requirement	-	SEF	LUI default screen is changed to Kiosk home screen when FDI and Smart Printing Kiosk app are used together.
V6.E6.09.04.090410 (2017-09-20)	Problem	TP1720J901	KOR	Allow Korean characters in the Scan to SMB path.
	Problem	TP173078	SEUK	1 sheet booklet and folding printing job, which can have 1~4 pages original document, is able to fold with Heavyweight media. - X4300, K4350 : Thick, Heavyweight, Thin Glossy - X7600, K7600 : Thick, Heavyweight, ExtraHeavyweight1, ExrayHeavyweight2 - Driver : UPD 3.00.13.00:03
	Problem	-	DEV	Fixed an issue of iterated login and logout when performing NFC authentication on device, WIFI/NFC module(SL-NEW001X) installed, with the latest cellular phones such as Galaxy S8.
	Problem	TP1720K8	SECA	Fixed an issue of scanned images being right shifted when scanning MSO(Mixed Size Original)
	Problem	TP1740C3	SEA	Fixed an issue of slow booting or WIFI disconnection when power cycled by soft power button on UI when WIFI/Bluetooth (BLE, Bluetooth Low Energy) module(SL-NWE002X) installed.
	Problem	TP174000	SEUK	Improve DB(Database) error recovery routine for damaged record only instead of DB initialization.
	Problem	TP1750JO	SEAU	Fixed an issue of a scan job being stopped when adding a document while the last document comes out during the ADF scanning.
	Problem	TP176005	SEI	Fixed an issue of the memory clear button in the service menu not being activated after power on but intermittent exception occurred in WSD initialization.
	Problem	TP1750OA	SEG	Allow compact PDF option in XOA-E API for ISV solutions.
	Problem	TP177025	SEHK	Fixed an issue of a Fax Rx job pending when all received pages can not be decoded by corrupted data.
	Requirement	-	DEV	The Blue Angel 2017 ready.
V6.E6.09 (2017-09-20)	Problem	TP17607P	SEG	Fixed an issue of not being able to use a device as MSOK errors occur intermittently under certain conditions while enabling HDD encryption function and using the device.
	Problem	TP17607P	SEG	Fixed an issue of F/W update failure in the certain F/W version because of boot memory space shortage(Refer to 2017_CMFP-012_guide_for_FW_update_error_61-1H05).
	Problem	TP16C0JD	SEIL	Fixed an issue that the destination of Scan Widget was displayed as None after the Scan Widget was terminated abnormally.
	Requirement	TP1710KL	SEASA	A new API was provided to hide buttons on the navigation bar of UI such as back/home button.
	Requirement	TP1730AG	SEPOL	Remove destination email address in the PDF file generated from Scan to email.

V6.E6.05.02.
071317
(2017-07-26)

Problem	MKT	SEA	Fixed a problem where the Hole punch menu was not visible in the Copy App when Hole punch unit is installed later after installing the Finisher.
Problem	TP17309T	SEA	Fixed an issue where color copier with booklet finisher got outbin full while printing B/W booklet job, sometimes the job was not resumed even after the outputs were removed.
Problem	TP1710JX	SEG	Fixed an issue where one of continuous printing jobs was not printed intermittently due to
Problem	TP1670LC	SEA	Added a new settings which specifies a default folders of Box App. * Box App > Action Overflow(3 dot button) > Box Settings > Default Display Folder
Problem	-	DEV	Fixed an issue that sometimes a job was not canceled and remained cancelling state until rebooting.
Problem	TP1740DR	SEUK	Fixed an issue that when a large number of print jobs were saved in the Box, some of jobs were not printed by Print & Delete function for all jobs.
Problem	TP1730IK	SEGR	Fixed an issue when a double-sided job was printed from DCF with half-speed feeding by paper weight such as Thick, Extra Heavyweight paper type, sometimes double-sided pages were printed with unexpected order.
Problem	TP1750CC	SEG	Fixed an issue of stripped patterns on the part of image of PCL5 job which consists of mono data and color macro data.
Problem	TP1750I4	SEA	Fixed an issue where the finishing option was cleared to default when printing a saved booklet job in the Box app with changing 'copies' option.
Problem	TP17600R	SEG	Fixed an issue where finishing option is cleared to default when the job was rescheduled by paper mismatch/empty.
Problem	TP17607P	SEG	Fixed system failure case by intermittent MSOK error when HDD encryption is enabled.

V6.E6.05.01.
042409
(2017-05-08)

Requirement	TP1670QW	SEA	Added Bates Numbering feature to the copy app. Prefix, Suffix, and Number of Digit (up to 9 digits) settings are added to the Copy > More > Stamp menu
Problem	TP16802X	SEA	Fixed an issue of setting value reset when program was executed after setting a booklet option in a copy app and creating the program.
Requirement	TP16A0SB	SEUK	Added a Jam Count Rreset feature to the service mode.
Problem	TP16B0KD	SEG	Fixed an issue where the separator page was stapled together with the original printout when
Problem	TP16C0JQ	SEA	Populate recipient name in front of "From" email address at the Scan to email function. ex) As-Is : From : <sghj@ghj.com> To-Be : From : "ghjeong" <sghj@ghj.com>
Problem	TP16C003	SEG	Fix an intermittent issue that partially damaged PDF file is generated by color scanning with
Problem	TP171017	SEA	Fixed not to staple every single page for multiple printing of one page.
Requirement	TP16909R	SEBN	Supported a special character '\ ' in the LDAP search option.
Problem	TP16C0EG	SECH	Added a function to automatically fill user email address registered in the job account (JAC) in recipients when logging in and running Scan & Send App.
Problem	-	DEV	Even an user changes filename format of Scan&Send > Scan Options > Filename, real date & time will be used if it still has Dates&Time format, such as DDMMYY. ex) As-Is : test_DDMMYY saved as "test_DDMMYY" To-Be : test_DDMMYY will save as "test_100517"
Problem	TP1710MR	SEA	Switch to fax sending job by deleting email address when entering fax numbers if email was already put as a recipient at the Scan & Send app.
Problem	TP1720G8	SEG	Fixed an issue that remaining error handling videos were not displayed when one of the simultaneous error handling videos was closed.
Problem	-	DEV	Fixed the black and white scan counts to be increased for scanning job with setting the color mode to the mono.
Problem	-	DEV	Fixed not to print when user quota was exceeded while copying and printing simultaneously.
Requirement	TP1660L0	SEUK	Added a function to select and take address directory from LDAP.
Problem	TP1730EW	SEG	Fixed to select an item from LDAP result when Server tab is set as default at Scan & Send app's address directory function.
Problem	TP1710GG	SEBN	Fixed an issue that when a PDF document created by a specific PDF generation tool was printed directly from USB, the output of the character spacing widened or an error occurred so that the output was not printed.
Problem	-	DEV	Improve double-sided printing speed of Executive paper size.
Problem	TP1730KE	KOREA	Fix an error in PDF direct printing by abnormal font data included in the PDF file which is generated by specific PDF creator application.
Problem	TP16C0KM	SEAU	Fixed an issue of filtering an e-mail as junk mail on Gmail server if the default message was used
Problem	-	DEV	Fixed an issue of displaying devices with the same MAC address at Fleet Admin Pro's device list
Problem	-	KOREA	Fixed an issue of intermittent fusing defect at thin/plain/recycled/thick B4 media and A3/ledger
Problem	-	DEV	Fixed an issue of intermittent finisher jam(H2-7928, H2-7303) when switching an engine mode

V6.E6.05 (2017-04-11)	Problem	TP1710BP TP16707Q TP172037	SEA SEDA SEASA	Fixed an issue of initializing Job accounting setup info. created at FleetAdminPro when rebooting the device at SWS or FleetAdminPro.
	Problem	-	KOREA	Fixed an issue of intermittent disappearance of PC list by DB corruption when using Scan to PC.
	Problem	-	SEF	Fixed an issue of unworked SFE behaviors when applying SFE27, SFE54 setup at issued
	Problem	-	DEV	Fixed an issue of admin password change as default when enabling SFE 019 function at issued
V6.D6.30.04. 011308 (2017-01-23)	Problem	TP1670DJ	SEA	Fix an issue that destination information disappears at program execution after address book import and device setting backup (cloning) when using address stored in Address book to register destination of program.
	Problem	TP1670LQ	SEA	Allow mixed size to be default for original size value in the Copy / Send App, and keep the mixed size setting value when creating a program.
	Requirement	-	SEUK	Fax paper source tray setting is added to SWS.
	Problem	TP1670UW	SEI	Add "[], ^" to the folder name input function at Scan to SMB feature.
	Problem	TP1680HV	SENA	Add Umlaut charset to the folder name input function at Scan to SMB feature.
	Problem	TP1690AR	SEA	Fix issues at Air print - Correct a problem where the Duplex option didn't work at URF mode. - Fix an issue where portrait and landscape alternate when printing the same document intermittently.
	Problem	-	DEV	Improve G3 fax transmission / reception quality and retry job protocol in VoIP environment.
	Problem	TP16A0B5	SEA	Fix a problem where the machine reboots when using small paper that is not supported by DSDF.
	Problem	TP16B017	SEG	Use a temporary file name while scanning and saving the file, and rename it after the saving is
	Problem	TP1680JS	SEBN	Correct the problem displayed in the error report when the 5th paper tray is open.
	Problem	TP16B0I7	SECA	Fix an issue where JAC enable / disable do not work by job type via Fleet Admin Pro.
	Problem	TP16B0LX	SEPOL	Fix a problem that causes the device to freeze when the scanned image is skewed from the
	Problem	TP16B0ON	SEI	Fix a problem that cause performance degradation when using counter widget.
	Problem	TP16B0SM	SEF	Fix an issue where the total sent page is incorrectly displayed in the fax sent report when
	Problem	TP1690PR	SEG	Fix machine stop when setting the Compact PDF option and changing color setting to Mono in Easy setting during scan.
	Problem	TP16A0OQ	SEA	Correct the problem that certain SFE functions are turned off after HDD recovery.
	Requirement	-	DEV	Add HDD defect check function in HDD recovery mode screen.
	Requirement	-	KOREA	Improve fax widget button size and space between buttons for user convenience.
	Problem	TP1670VH	SEG	Fix the problem where scan data transfer is slowed down for a sync problem when there are a lot
	Problem	-	DEV	Fix a false alarm which misunderstands that IP conflict occurs from ARP protocol cache handle
Problem	-	DEV	Fix the device stop when setting double-sided, 400% enlarge option in copy job.	
Problem	Q1611_0054	KOREA	Fix the problem where the device is slowed down when ACR and TRC jobs are impromely	
V6.D6.29.03. 120609 (2016-12-08)	Problem	TP1690W6	SEF	Fixed several bouygues telecom issues.
	Problem	TP16B0CT	SEAU	Fixed the Searchable PDF not being generated when a certain complex pattern is recognized
	Problem	TP16A0NJ	SEBN	Fixed the FR carriage hitting the frame when scanning 432mm media on the platten.
	Problem	-	KOREA	Fixed the error page not being printed abnormally in the solution environment's printing case.
	Problem	TP166162	SEDA	Fixed the issue of a printed page being intermittently missing when DCF/HCF paper is empty
	Problem	TP16B027	KOREA	Fixed the issue of quota not being reset at times when the device goes into the sleep mode at the
	Requirement	TP1630R0 VO-1506- 000610 VO-1507- 000139	SEA SECA SEG	Developed a new app for full build job support (The app will be released in the app center next Regular FW release officially)
	Requirement	-	DEV	Developed a new Smart Scan app (The app will be released in the app center next Regular FW
	Problem	-	DEV	Fixed the Schedule Image Overwrite automatically changing from on to off when powering the
	Requirement	-	DEV	Applied a new CMS function for print image quality improvement.
	Problem	-	DEV	Fixed idle jam count duplication on the error report in ADF jam cases.
	Problem	-	DEV	Improved screen transition speed between tabs on UI OOB app.
	Requirement	TP164027	SEA	Modified the LDAP contact usernames to display either surname or given name.
	Requirement	TP1640FF	SEA	Added a default contact selection feature between LDAP and local contacts in the Send app.
	Requirement	TP1650OK	SEA	Added SSO support to allow LDAP search using Kerberos ID/PW.
	Requirement	-	KOREA	Added ITB band generation adjustment feature in the service mode to prevent blade damages
	Requirement	TP165011	SEG	Added the Borderless printing feature. (SFE56)
	Requirement	TP1660JA	SEA	Added buckle adjustment feature in the service mode.
	Problem	TP1661IL	SEUK	Fixed the intermittently changing home screen setting issue with wifi enabled.
	Problem	TP16610X	SEBN	Fixed the issue of Tray5 info not showing on the supply report.
Requirement	-	SEF	Added a new feature for the x-ray print mode for x-ray image improvement.	
Problem	TP1670O8	SEA	Fixed the VNC connection issue when using a password with a certain character.	
Problem	TP168030	SEA	Fixed the intermittent booting issue after a FW update fail.	
Problem	TP1680K1	SEIL	Fixed the issue of VNC setting menu not showing correctly in Hebrew.	
Problem	TP1670IC	KOREA	Fixed remaining roller counts showing as negative numbers in the Counthru environment.	
Problem	TP168100	SENA	Fixed Swedish punch not working in a print job.	
Problem	-	KOREA	Fixed imaging unit or toner cartridge being recognized as uninstalled at times.	
Requirement	-	DEV	Added a P-Knox security package function.	

	Problem	TP1680P0	SEA	Fixed job stopping at times when printing using a driver with a 3-hole punch option selected.
	Problem	TP169064	SENA	Fixed the printing error when using remote pull printing in the Printing Security Core solution.
	Problem	TP1680JH TP1670W4	SEAU	Fixed fax reception stopping with an invalid caller ID coming through.
	Problem	TP1680V3	SENA	Fixed intermittent jams when printing on Extra heavy weight2 media in duplex.
	Requirement	TP1690AQ	SECA	Added Letter/Legal MSO fax reception functionality.
	Problem	TP1690MM	SENA	When selecting fixed the menu display revert Swedish or Hungarian language, the device storage
	Problem	TP1640A0	SEAU	When entering D or d after connecting external keyboard to USB, input value is not displayed
	Problem	TP16A020	SEUK	When pushing start button before From/To values of send app are prefilled, send job is not
	Problem	TP16A0FH	KOREA	SFE feature setting value changes to default from time to time.
V6.D6.29.02. 102513 (2016-10-31)	Requirement	SR-1508-000118 VO-1508-000350	SEA	The total user accounts increased from 500 to 2000.
	Fixed issue	TS-1512-000029	SEAU	Intermittent job pending issue during scanning a large volume of media with compact PDF as an option was resolved.
	Fixed issue	TP1640UT	SEAU	Removed the improper ACR cleaning animation in MX7.
	Requirement	TP1640K5	SEG	Printing on a number of paper types including Letterhead / Punched / Preprinted was improved.
	Fixed issue	TP16500E	KOREA	Corrected job pending issue during duplex V folding in MAC OS.
	Fixed issue	TP1660HG	SEG	Modified mistranslation in German.
	Fixed issue	TP1650R8	SEUK	Resolved the issue of which the print job is always printed on A3 regardless of what user selected
	Fixed issue	TP1660GU	SEA	Intermittent print job stoppage when user processes complete after DSDF jam.
	Fixed issue	TP1660NE	SESA	Resolved the issue of which reduced information, which was saved when program is generated,
	Requirement	TP1650IT	KOREA	Added a feature that can allow FAP monitoring of inactivation function of USB memory stick.
	Requirement	TP1650PP	KOREA	Added an option that enables changing the priority order of multi-use paper tray during copy,
	Fixed issue	TP1660VG	SEA	S5-3111 error not being displayed in error report was fixed.
	Fixed issue	TP166162	SEDA	Fixed the issue of which the printer continues to print from a printable tray rather coming to a
	Fixed issue	TP16703Z	SEA	Took out the description about features that are not applied to Help app.
	Fixed issue	TP167054	KOREA	Resolved the issue of system user being logged on instead of an actual print user when the user
	Fixed issue	TP16701V	SEA	Fixed the issue of +Me Box still running even when Box Application is disabled.
	Requirement	TP1630TE	SEF	Added an option to maintain Jam animation until error is cleared.
	Fixed issue	TP167097	SEBN	Secured a compatibility of PDF/A Scan file with ISO 19005-1.
	Requirement	TP1670DA	KOREA	Added a feature to allow use or delete scan/ transmission destination.
	Requirement	TP1670PP	KOREA	Added a function that aggregates usage data within a certain period of time selected by Counter
Fixed issue	TP16601Y	SEUK	Fixed user being automatically logged out while using MagStipe Readers login.	
Fixed issue	TP16502A	KOREA	Improved the issue of the system slowing down in DHCP mode without DHCP server connection.	
Fixed issue	TP1670CF	SECA	Correcting intermittent 1st and 2nd printing image mixed issue in case of Mono printing.	
Fixed issue	TP1680J3	SECA	Fixed MP tray setting value is changed after Power on/off in case of envelop size.	
Fixed issue	TP16706H	SECH	Fixed slow printing issue when the set enables JAC Fleet Admin.	
Fixed issue	TP1680F1	KOREA	Fixed imaging unit failure problem when OPC or Deve Unit has H/W damage.	
	Requirement	VO-1509-000191 SR-1507-000561	SEG SEF	Adding a feature to align the secure job list in LIFO and FIFO forms as preferred by user.
	Requirement	TP1650L8	SEDA- SIMPRES S	Adding a feature to turn on/off alarm for toner status when it's low.
	Requirement	SR-1507-000568	SEG	Adding a selecting feature for a paper tray and a media type using a PJI command.
	Requirement	SR-1507-000568	SEG	Adding a feature of sending state information only when the entire job is completed for any job linked to VPSX server.
	Requirement	SR-1506-000840 VO-1410-000185	SEBJ SEA Korea	Adding a PC scanning feature using a USB cable.
	Requirement	TS-1508-000397	SEDA	Supporting UBS flash drive in NTFS format.
	Requirement	SR-1509-000477	Korea	Adding a feature for making a document box invisible to users who login as SWS when admin disables the box.
	Requirement	VO-1511-000153 SR-1601-000115 VO-1511-000059 TP1660B4 TP16610P	SECA Korea SEI	Adding a feature to allow users reboot a set at their desired time/cycle.

V6.D6.29.01.
081720
(2016-08-19)

Fixed issue	TS-1511-000581 TS-1511-000582 TS-1511-000583	SEF	Improving the issue with intermittent failures when setting options for copy and/or authorization as Fleet Admin.
Requirement	VO-1508-000490	Korea	Disabling warning messages when the cover is open during platen scan.
Requirement	VO-1509-000398	SEUK	Adding a delete and a preview feature during box printing.
Requirement	SR-1510-000416	SELV	Modified to print a box-saved PRN file with Drive options that were applied when generating the PRN.
Requirement	VO-1511-000388	SEF	Adding a feature to display telephone numbers or names (as saved in the address book) in the Fax Sent Report.
Requirement	VO-1411-000459 VO-1511-000431	SENA SEF	Adding a Test button in the E-mail notification setting for an SMTP check.
Requirement	SR-1512-000207	SAPL	Adding a feature to reset a user's personal accounting information.
Fixed issue	TP1640HA	SEAU SEF	Corrected the problem of a job being cancelled when Print job control is OFF and FDI balance is 0.
Fixed issue	SR-1512-000319	SENA	Improving authentication errors when an FTP password contains ":".
Fixed issue	TS-1601-000638	SEBN	Correcting the problem of test pattern not being printed in a service mode.
Fixed issue	Q1603_0175	Korea	Improving the connection failure problem due to non-support for NOOP command in a certain SMTP server.
Fixed issue	TP1630CO	SEBN	Adding additional paper types in the selection during Google cloud printing.
Fixed issue	TP1630PW	Korea	Correcting intermittent failures of Color mode printing or color document being printed in mono during auto copying.
Fixed issue	Q1603_0263	Korea	Correcting intermittent Power off malfunctions in NFC user interface.
Fixed issue	TP1640AE	SEAU	Improving intermittent Kerberos authentication errors due to timing issue after powering on/off.
Fixed issue	TP1640EO	SEBN	Improving poor Dutch translation.
Fixed issue	TP1640F8	SEAU	Improving the issue of Multi destination emails not being sent when using a certain SMTP server.
Requirement	SR-1503-000854	SEA	Adding a feature to recognize papers smaller than A4.Letter as A4.Letter during scanning.
Requirement	SR-1509-000006	Korea	Adding a feature to include PSTN line state information in Fax Diagnostic Report.
Requirement	TP1650U601	Korea	Supporting special characters (<, >, \, ") for a password. (If usage environments is solution, then need to B2B driver and solution)
Fixed issue	TP1630CY	Korea	Improving reading errors when using EPSoft card readers.
Fixed issue	TP16500S	SEA	Improving print errors due to wrongly generated data during LPD/LPR print data processing.
Fixed issue	N/A	DEV	Improving the issue of U3-3313 jams caused by intermittent paper slips.
Requirement	TP1650NU	SEAU	Adding a feature to require a PIN for a color print when selecting a color PIN mode.
Fixed issue	TP1640IT	SSA	Improving the issue of completed secure print job remaining on the job list.
Fixed issue	TP1630AU	SEA	When previewing PDF or TIFF images on Box App, the previewed image may have unexpected white blank on right side if it was scanned with mono mode
Fixed issue	TP1630FS TP1661SE	SEA SECA	During Scanning with compact PDF option, Set locks up at times.
Fixed issue	TP16403C	SEAU	Fixing memory leakage issue according to repeated solution install/uninstall.
Fixed issue	TP1640IZ	SEG	The poor German translation(StauWdrherste) will be changed.
Requirement	SR-1508-000346	SESA	Adding specific setting method through PJJ command. - PCL font size, Tray1 paper size, Mp Tray paper size.
Fixed issue	TS-1603-000018	SEUK	Correcting the problem of complex PDF document not being printed intermittently.
Requirement	TP1660DJ02 SR-1507-000265	SEG SEAU	Adding Numeric keypad for PIN code input in solution (API only).
Requirement		SEUK	Adding APK installation method in the Fleet Admin Pro.
Fixed issue	TP16613F	SEA	Fixing wrong IP address displaying on the notification screen in case of DHCP mode.
Fixed issue	TP16502T	SEA	Fixing powerpoint abnormal output from MAC office 2016.
Fixed issue	TP1640KG	SEG	Improving performance of 1-bit indexed color image document.

	Fixed issue	TP16706H	SECH	Fixing printing job pending issue according to authentication fail.
	Fixed issue	TP1650AD	Korea	Improving scanning speed when user sends many fax images.
V6.D6.29 (15-July-2016)	Fixed issue	Q1601_0282 Q1511_0437	KOREA	Defective image quality due to toner overfeed when printing large number of low coverage images (Augermark).
	Fixed issue	TP16500R	SEG	Fix inability to use '\$' character in Scan to SMB path.
	Fixed issue	Q1604_0213	KOREA	Fix occasional false alarms on HDD error (S1-2448, S1-2443) during FW upgrade.
	Fixed issue	TP1650DL	SEA	Fix printing is not restarted after removing BinFull (H2-8A33) error from booklet finisher.
	Fixed issue	TP165051	SME	Fix occasional inoperability on Copy Widget +/- buttons.
	Fixed issue	TP1660OX	KOREA	Fix printing jobs are held at times when burst job request is received.
V6.D6.27.EC 1603.05 (03-Jun-2016)	Fixed issue	TP1640DH	SEUK	Enhanced overall UI performance for a case where a device supports more than 501 external user IDs.
	Fixed issue	TS-1601-000563	SESG	Fixed a job pending issue during Scan to SMB using NetApp SMB server.
	Fixed issue	TP16303L03	SESG	Fixed an issue of user email not being prefilled in Send App during the Basic and Application Auth Mode while using Safecom solution.
	Fixed issue	TP16303L03	SESG	Fixed an issue of Safecom pull print application closing immediately after a user login. Enhanced the safecom login operations for time-dependent cases.
	Fixed issue	TS-1601-000202	SENA	Enhanced user login performance (reduced the login time) for a case where hundreds of secure print jobs are stored in a device.
	Fixed issue	TP1630D701	SEI	Applied a scan authority checking process for a case where Dynamic Workflow is executed in the Application Auth mode before Send App launches after the device boots up.
	Fixed issue	TP1630JX	SEI	Enhanced the performance of overall email notification service features.
	Fixed issue	TP1640XN	SEI	Enhanced copy widget performance for a case where a user tries to conduct a job immediately after a device boots up or wakes up from a power save mode.
	Fixed issue	TP16500J01	SEG	Fixed to handle invalid command sets in a print data (PRN) file received from AS400 server.
	Fixed issue	TP1630TE	SEF	Disabled the PDF/A option for 600 dpi resolution in Send app.
	Fixed issue	TP1630TE	SEF	Added finisher errors (H2-6531,H2-6533) to error history reports.
	Fixed issue	TP1630HK	SEBN	Fixed an issue of not cloning the authentication status in the admin setting for printing.
	Fixed issue	TP1630RK	SEBN	Improved the toner gauge accuracy for eco printing where toner usage is very low.
	Fixed issue	TP1640M0	SEBN	Fixed an issue of applying incorrect tray protection settings to the UI.
	Fixed issue	TS-1601-000468	SEAU	Fixed an issue of scan images having a light background when a scan job is done with an "Auto Color : Color/Mono" option on.
	Fixed issue	TP1630CM	SEA	Fixed an issue of device card login not working sometimes in a sleep mode.
	Fixed issue	TS-1602-000038	SEA	Enhanced print performance for duplex images (color/mono mixed images).
	Fixed issue	SR-1602-000557	SEA	Enhanced copy print output performance for a copy job with 1 to 2 Duplex using 7 original documents.
	Fixed issue	TS-1603-000002	SEA	Added more animations for paper jam clearing guidance.
	Fixed issue	TS-1511-000148	SEA	Made Scan to FTP compatible with Serv-U FTP server.
	Fixed issue	TP1640GR	SEA	Fixed an issue of output images becoming brighter for mixed-size original (MSO) copy in a simplex mode.
	Fixed issue	TP164030 SR-1510-000459	SEA	Improved the balnk page detection rate especially for jobs with a Mono or Grey mode.
	Fixed issue	TP1650TS	SEA	Added SFE055 to enable users to select the sensor-detected #10 envelope paper size on a tray confirmation popup.
	Fixed issue	TS-1601-000459	SAPL	Fixed an issue of color options not being able to be saved as default in Quick Copy in a Device Authentication mode.
	Fixed issue	TP16400T04	KOR	Fixed the login page sometimes displaying a white screen.
	Fixed issue	TP1630RG	KOR	Enhanced Copy widget printout performance to be as powerful as that of Copy App.
	Fixed issue	TP1640H0	KOR	Enhanced secure job cancel function to delete received data completely.
	Fixed issue	TP165022	KOR	Fixed Autologout not working sometimes in the Device UI.
	Fixed issue	-	-	MyPage App is restricted for external authenticated users as per the spec.
	Fixed issue	-	-	Fixed an issue of a machine continuously warming up due to C8-3314 (Toner Supply Error) when powered on.
	Requirement	-	-	Applied security compliance requirements from the Korean Government.
	Fixed issue	-	-	Fixed a finisher error (H2-8262) which occurred when executing a C-fold simplex print job right after a V-fold simplex print job.
Fixed issue	-	-	Fixed a 4K-Finisher jam error which occurred when an OHP flim is used for copy.	
Fixed issue	-	-	Fixed book erase not working in Copy App when the Custom option is selected as korean.	
Fixed issue	-	-	Changed the version check policy to allow update for an engine sub firmware when the second sequence of its version name is different from the current one.	

	Fixed issue	-	-	Improved the management of the IP filtering feature and its default values.
	Fixed issue	-	-	Fixed a rarely-occurring device lockup issue in powersave.
V6.D6.27 (25-Mar-2016)	Fixed issue	N/A	KOREA	Print jobs are held at times when SecuThru (a secure printing software) is used.
	Fixed issue	TP1630B8	SEA	The fuser cleaning sheet is not printed when the default paper size is Letter.
	Fixed issue	TS-1602-000104	SEAU	GCP service fails as an expired key is not refreshed.
	Fixed issue	N/A	SEAU	The fax redials the number that was previously entered when dialing using the fax keypad under
	Fixed issue	N/A	SEAU	Send Job Cancel does not work at times right after starting Send Job when the Searchable PDF
	Requirement	N/A	SEA	New US standard setting values were applied. (Default values for US models)
	Fixed issue	TS-1602-000076	SEG	When making a searchable PDF with a 300 dpi or lower resolution, scanned images are cropped and the text on the scans is hard to read in MS Word.
	Fixed issue	TS-1601-000454	SEAU	The device locks up intermittently during scan when Job Progress Window is off.
	Fixed issue	TS-1601-000564	SEUK SEG	Send does not work at times when Skip Blank Page is on.
	Fixed issue	SR-1602-000397	SEA	Scan to SMB fails if filename contains a space.
	Fixed issue	TS-1512-000456	SEBN	The number of copies cannot be selected when IPP printing in MAC OS.
	Fixed issue	N/A	KOREA	Scan to PC shortcuts generated in a previous version (Vx.C6.xx) do not work after upgrading to
	Fixed issue	SR-1601-000384	SEI SEG	Fax confirmation reports are not printed to fit one page.
	Fixed issue	TP16307B	SEA	If the top bin of an inner finisher is selected as the output tray, UI progress information is
	Fixed issue	SR-1601-000624	SEA	If Home Lock is enabled for all users, duplicate icons appear on the Home screen at times.
	Fixed issue	SR-1601-000624	SEA	If a user changes the setting of Copy Customizer, the copy OOB setting also changes.
Fixed issue	TS-1602-000036	SEA	The Compact PDF option does not work when scanning with the Auto Color Mode on.	
Fixed issue	TS-1602-000036	SEA	Scan Adjustment was modified to work according to the default paper size (A4 or Letter) of a country/region in which the machine will be used.	
Fixed issue	TS-1601-000186	SEA	An output tray selected for incoming faxes changes back to the default tray after waking up in a power save mode.	
V6.D6.08 (18-Jan-2016)	Add Func			Support function to create "Web page" shortcuts on the main UI.
	Add Func			Support Scan ACS Function : In send app, "Auto" Mode (Automatic Color selection) is added.
	Add Func			V folding support for print jobs.
	Add Func			Added PIN only authentication mode.
	Add Func			Error code and description improved. Provides detailed information.
	Add Func			SSL, TLS, None are supported for SMTP from SWS
	Fix defect			The paper option is displayed Custom size on Apple device.
	Fix defect			B4 paper size can not be recognized properly.
	Fix defect			When two interface (Ethernet/Wifi) have same IP Address. IP conflict error message will be displayed on UI board.
	Fix defect			If Application Authentication is enabled, previously created short-cut does not work.
	Fix defect			Not able to send fax for more than 15 recipients.
	Fix defect			The output has wrong page order of booklet.
	Fix defect			You may see that LCD is black after wakeup by touch or wakeup by jobs.
Fix defect			File can not be deleted from Box.	
Fix defect			Booklet printing speed is improved.	
Fix defect			User is not able to edit Wi-Fi IP settings. IP Setting menu from UI is disabled intermittently.	
V6.A6.28 (8-Oct-2015)	Fix defect			TC control parameter change for improvement of toner scattering according to the developer life.
	Fix defect			Correct sensor deviation by CTD Sensor Calibration algorithm.
	Fix defect			Fix defect of 2K Booklet Finisher jam.
	Fix defect			Fix defect that Original size detection is failed in case of ADF open in Copy job.
	Fix defect			Copy Save to box -> Store and print file name overwrite issue.
	Fix defect			Fix defect that Scan to USB job is not happening after OHD Job.
	Fix defect			Improve, SWS set 400% , Copy show 400 % . but output paper is 100% issue.
	Fix defect			Fix that App crash is observed if user taps on to the UI while image loading is on progress.
	Fix defect			Fix not for launching Send App.
	Fix defect			Fix defect that the overwrite function doesn't work when import address book CSV file under GUI.
	Fix defect			PaperCut flicking issue.
	Fix defect			Changing of OPC life calculation logic.
	Fix defect			Fix Jam issue which has been occurring from MP tray.
Fix defect			Fix duplex printing skew.	

V6.A6.25
(07-Sep-
2015)

Fix defect	Improve detecting Document. size feature.
Fix defect	Fix defect that, after Initial setup, rebooting is not processed properly.
Fix defect	Fix defect when duplex print, broken image can be printed out in 2-2 Copy.
Fix defect	Fix back side 5mm band contamination issue.
Fix defect	Support Korean language file name on ScanToPC menu.
Fix defect	Supply security patch for Apk integrity.
Fix defect	Machine rebooted very very rarely at receiving in case Machine is turned on by soft power on.
Fix defect	Fix defect that user can't cancel current job sometimes.
Fix defect	Fix defect of S5-3111 error during power save procedure.
Fix defect	Fix defect of showing S5-3111 error on UI after sending print job while machine stays in sleep mode.
Fix defect	Fix defect that machine will not wake up from UI sleep mode in spite of wake up event.
Fix defect	Fix wrong translation in Finnish.
Fix defect	Fix Scan & send App to launch properly.
Fix defect	Fix defect of not deleting job list in UI.
Fix defect	Fix defect that there is no action when press tray lock icon on notification bar.
Fix defect	Fix defect that XOA-Web login page issue. (showing home page instead of Xoa application page).
Fix defect	Improvement, unsupported input char are allowed in Send app.
Fix defect	Fix defect of not working copy widget.
Fix defect	Add function to Send App of removing destinations after the Job is started.
Fix defect	Fix defect that the Send App was crashed while launching the program with Auto start option, sometimes.
Fix defect	OPC Remain Algorithm modification.
Fix defect	Improve the fuser heating period on ready status.
Fix defect	Improve Inner Finisher feature.
Fix defect	Fix defect of 3K Finisher error.
Fix defect	Fix defect of changing tray Job being occurred abnormally.
Fix defect	Fix defect that the AA method is reset to 'Local' after the admin. enables/disables SFE13.
Fix defect	Fix that Skip blank page option is not working in send.
Fix defect	Fix defect of rebooting by internal buffer overrunning.
Fix defect	Fix defect of rebooting and broken image on 2-2 copy.
Fix defect	Job status addition in Quick Launch.
Fix defect	Fix defect that when user adds manual route entry in routing table through SWS after reboot, user defined entry is lost and user is not able to set Wifi as default gateway.
Fix defect	Add function of increased Font Size to 26 DP in Send application.
Fix defect	Improve printing of envelope.
Fix defect	Fix defect that printer doesn't wake up from power save by usb printing.
Fix defect	Fix defect of broken image on duplex print (A5 SEF 2 - 2 book copy To MP Tray with Finisher).
Fix defect	Changing toner CTS table.
Fix defect	Fix file name issue of Korean character in ScanToPC.
Fix defect	Fix not printing issue during Auto color balance.