

Firmware Release Note

Model: K4350 Series	Date: 3-June-2021
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V5.J6.00 FW addresses 1 issue.
 - Major Change
 1) Added support for backside CIS from multiple vendor.

Please upgrade the FW with V5.J6.00 if any one of the problems below need to be resolved.

Version	Category	TSP ID	Division	Change Description
V5.J6.00 (2021-06-03)	Requirement		KOREA	Added support for backside CIS from multiple vendor.

Software Component Versions

System Firmware	V5.J6.00
Main FW Version	V11.01.17.00_04-01-2021
XOA Web	1.4.33
UP	1.17.34_(20171218171009)
Engine Firmware	V3.00.31
File System Version	FS_V14.03.06.21.13
SCB(Scan,Fax) Version	V3.00.05.06
Boot Rom Version	V13.10.00.00.94-07-10-2020
UI Firmware	V5.18.50.13.00_20041313
ADF Firmware	00.03.40
Tray1	V3.00.31
Tray2	V3.00.31
Tray3	V4.01.04
Tray4	V4.01.04
finisher(Inner) Version	V01.56
finisher(3K) Version	V02.67
Booklet Version	V02.33
Hole Punch Version	V04.06
PCL5CE	V8.22_170906
PCLXL	V11.00.87
PS/PDF/XPS	V6.21.01.62.02.03_170415

Image Quality Tables

EP	V3.08
Fuser	V1.17
Toner	V1.28
TR	V0.35
Print CMS	V1.4.1KR
Copy CMS	V1.6.4KR
Scan CMS	V1.83
Print IEM	V0.1
Copy IEM	V1.41

Update dependency

- If the previous firmware version is lower than V5.C6.03, please install Service Pack first, which is needed to prevent delay in upgrading all UI firmware
 - If System FW version is prior to V5.C6.13 (Engine version V2.00.13), then update the FW with the following procedures:
 1) Disconnect 2K, 3K-Finisher
 2) Upgrade FW
 3) Connect 2K, 3K-Finisher
 4) Upgrade FW again
 5) Confirm 2K, 3K-Finisher version

Solution Compatibility Table

(K4350 : V5.J6.00)

Category	Solution Name	Solution Version	V5.J6.00	Verified F/W Version
BCPS	CloudConnectorCore	2.50.008	○	V5.H6.00
	DocumentWorkflowCore	2.50.007	○	V5.H6.00
	PrintingSecurityCore	2.50.009	○	V5.H6.00
	SecureLoginCore	2.50.006	○	V5.H6.00

	UsageTrackerCore	2.50.007	○	V5.H6.00
	XOA-WEB Enabler	2.00.003	○	V5.D6.16
ISV-XOA-E	Autostore	1.0.0 (Server : 7.00.3.0 (DRS:7.0.1.16, APD:7.0.3.26))	○	V5.E6.02.02.060911
	Drivve Image	1.5.43 (Server : 5.1.546)	○	V5.C6.05
	Drivve Print	1.1.30 (Server : 3.1.100)	○	V5.C6.05
	Equitrac	1.1.0.135 (Server : 5.2.21.8778)	○	V5.D6.16.03.120609
	Geniusbytes MyMFP	2.19.6.2 (Server : 2.19.3)	○	V5.G6.01.02.050715
	NDDigital n-Access	2.1.3 (Server : NDDigital n-Billing 4.9)	○	V5.D6.06
	NDDigital n-Collector	2.2.4 (Server : NDDigital n-Billing 4.9)	○	V5.D6.06
	NDDigital n-Releaser	2.1.4 (Server : NDDigital n-Billing 4.9)	○	V5.D6.06
	Omtool AccuRoute	1.0.0.689 (Server : 2013(Build 5))	○	V5.D6.06
	PaperCut	1.1.0 (Server : 16.4 (build 38954))	○	V5.F6.01
	PrintFleet Cloud Embedded DC	1.1.249 (Server : 3.6)	○	V5.E6.02.02.060911
	Ringdale FollowMe	1.1.2.9 (Server : 6.1.0.103)	○	V5.D6.06
	SafeCom	010.24.23 (Server : 10.520.10.35)	○	V5.F6.05.03.092016
	SafeQ Embedded Terminal	1.0.0 (Server : C.0.18.002)	○	V5.D6.16.03.120609
	Scanner Vision	1.0.6 (Server : 6.2.0.270)	○	V5.D6.06
	Scanshare Essentials	1.5.15.167 (Server : 4.0.5)	○	V5.D6.06
	Ubiquitech Easy & VDMS	1.5.3-rel3 (Server : 5.0.0-rel [ca91b])	○	V5.D6.16.03.120609
	e-Paper Sentinel	5.0.7 (Server : (blank))	○	V5.D6.06
	Prism ScanPathTM	1.0.49 (Server : 2.5.0.29)	○	V5.C6.05
SmartUX	Nuance unified client	1.0.0.606 (Server : 5.7.28.6490(CAS:5.7.28.6490, APD : 7.0.4.0))	○	V5.H6.00
PrinterOn	PrinterOn Branded Agent	2.03.003	○	V5.F6.05.03.092016

◎ 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	TSP ID	Division	Change Description
V5.I6.00 (2021-03-30)	Problem		KOREA	Fixed, device lock up issue for Gigabit supported Cisco Switch.
V5.H6.00 (2019-12-28)	Problem		KOREA	Removed the functionality to print the barcode.
	Problem		KOREA	Fixed, inner finisher folding and not stapling the last page when printing odd number of copies issue.
	Problem		KOREA	For Gov models, the A4 Demo page is changed to add more information.
	Problem		KOREA	Fixed, the SNMP OID status for HCF tray is being displayed on the panel.
V5.G6.01.02.050715 5 (2019-05-30)	Problem		KOREA	Fixed, XSS weak point of Samsung models.F10:H22
	Problem		KOREA	Fixed, slow UI and slow copy feature.
	Problem		KOREA	Fixed, IPv6 manual address for fdxx as prefix.
	Problem		KOREA	Fixed, S5-3116 if no hardware failure.
	Problem		KOREA	Implementation of new requirement to enhance the SWS security.
	Problem		KOREA	Added more flexible configuration to control device quota.
	Problem		KOREA	Fixed the IDCOPY parameter getting reversed while submitting of job.
	Problem		KOREA	Fixed, the fax not working while in power save mode.
	Problem		KOREA	Fixed, to print all documents in queue from BCPS when documents come from MacOS.
	Problem		KOREA	Fixed, conflict between Front Back in Cover and Fold Staple in Booklet.
	Problem		KOREA	Fixed the issue of device going to home screen after login using GeniusMFP solution.
Problem		KOREA	Fixed, Manual Reset of device quota reset policy.	
Problem		KOREA	Fixed, android security issue for password field.	
V5.G6.01 (2019-01-30)	Problem		KOREA	Fixed the UI-2316 Abnormal ADC error (Fuser Thermistor Error and Low heat error)
	Problem		KOREA	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.

V5.F6.05.03.09201 6 (2018-11-01)	Problem		KOREA	Fixed the issue that image log not sent to Printing Security Solution Server when fax images received through Line2
	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 Authentication
	Problem		DEV	Fixed MFP slow down issue with mDNS
V5.F6.05.02.07241 9 (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
V5.F6.05.01.04161 9 (2018-05-02)	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
	Problem	TP17A06W	SEA	The issue that file stored at Box App is not intermittently deleted at the device where HDD
	Problem	SIP65410	SEG	The issue that Ext.Phone setting in service mode revert back to initialized value when dual
	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
	Problem	SIP64544	SEAU	The issue that fuser detection fails due to intermittent timing in case that a user sends a job
	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.	
V5.F6.05 (2018-03-23)	Problem	-	KOR	Changes in condition on Fuser Low Heat Error Check.
V5.F6.04 (2018-02-12)	Problem	-	KOR	Change to define start and end time when enabling performance optimization feature.
V5.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
	Problem	TP1780HF	SEUK	Fixed an issue of MIB info being displayed as 0 when inquiring the forward roller MIB info
	Requirement	-	SEF	LUI default screen is changed to Kiosk home screen when FDI and Smart Printing Kiosk app are used together.
V5.E6.02.04.09041 0 (2017-09-20)	Problem	TP1720J901	KOR	Allow Korean characters in the Scan to SMB path.
	Problem	TP173078	SEUK	Fixed an issue of black text printed as white in specific application for color printers.
	Problem	-	DEV	Fixed an issue of iterated login and logout when performing NFC authentication on device.
	Problem	TP1740C3	SEA	Fixed an issue of slow booting or WIFI disconnection when power cycled by soft power
	Problem	TP174000	SEUK	Improve DB(Database) error recovery routine for damaged record only instead of DB
	Problem	TP1750JO	SEAU	Fixed an issue of a scan job being stopped when adding a document while the last
	Problem	TP176005	SEI	Fixed an issue of the memory clear button in the service menu not being activated after
	Problem	TP1750OA	SEG	Allow compact PDF option in XOA-E API for ISV solutions.
	Requirement	-	DEV	The Blue Angel 2017 ready.
	Problem	TP17704P	SEG	Fixed an issue of WIFI direct not being connected when WIFI/Bluetooth module(SL-
	Problem	-	DEV	Fixed an issue of a fuser replacement message not disappearing even though turning off
	Problem	-	DEV	Fixed an issue of the end of developer unit life message(C8-1130) not disappearing even
	Problem	TP177025	SEHK	Fixed an issue of a Fax Rx job pending when all received pages can not be decoded by corrupted data.
Problem	TP16C0JD	SEIL	Fixed an issue that the destination of Scan Widget was displayed as None after the Scan	
Requirement	TP1710KL	SEASA	A new API was provided to hide buttons on the navigation bar of UI such as back/home	

V5.E6.02.02.06091 1 (2017-06-20)	Requirement	TP1730AG	SEPOL	Remove destination email address in the PDF file generated from Scan to email.
	Problem	SEA	SEA	Fixed a problem where the Hole punch menu was not visible in the Copy App when Hole
	Problem	TP17309T	SEA	Fixed an issue where color copier with booklet finisher got outbin full while printing B/W
	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.
	Problem	DEV	DEV	Fixed an issue that sometimes a job was not canceled and remained cancelling state until
	Problem	TP1740DR	SEUK	Fixed an issue that when a large number of print jobs were saved in the Box, some of jobs
	Problem	TP17508F	SEG	Fixed an issue that even "booklet folding position offset" settings for A3 or
	Problem	TP1750CC	SEG	Fixed an issue of stripped patterns on the part of image of PCL5 job which consists of
	Problem	TP1750I4	SEA	Fixed an issue where the finishing option was cleared to default when printing a saved
	Problem	TP17600R	SEG	Fixed an issue where finishing option is cleared to default when the job was rescheduled by
V5.E6.02.01.04240 9 (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
	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
	Problem	TP16C0JQ	SEA	Populate recipient name in front of "From" email address at the Scan to email function.
	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
	Problem		DEV	Even an user changes filename format of Scan&Send > Scan Options > Filename, real date
	Problem	TP1710MR	SEA	Switch to fax sending job by deleting email address when entering fax numbers if email
	Problem	TP1720G8	SEG	Fixed an issue that remaining error handling videos were not displayed when one of the
	Problem		DEV	Fixed the black and white scan counts to be increased for scanning job with setting the
	Problem		DEV	Fixed not to print when user quota was exceeded while copying and printing
	Requirement	TP1660LO	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	
Problem	TP1710GG	SEBN	Fixed an issue that when a PDF document created by a specific PDF generation tool was	
	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.
V5.E6.02 (2017-03-24)	Problem	TP16C0KM	SEAU	Fixed an issue of filtering an e-mail as junk mail on Gmail server if the default message was used in the mail text and the e-mail recipient was Gmail during the scan to Email job.
	Problem		DEV	Fixed an issue of displaying devices with the same MAC address at Fleet Admin Pro's
	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
	Problem		SEF	Fixed an issue of unworked SFE behaviors when applying SFE27, SFE54 setup at issued
	Problem	TP1720A7	SEPOL	Fixed an issue where a duplex-scanned document was crumpled in a Z shape in paper exit
	Problem		DEV	Fixed an issue of admin password change as default when enabling SFE 019 function at issued versions. Issued Version : MX7 Vx.D6.29.02.XXXXXX ~ Vx.D6.30.04.XXXXXX MX4 Vx.D6.16.02.XXXXXX ~ Vx.D6.17.04.XXXXXX M5370 V5.D6.15.02.XXXXXX ~ V5.D6.16.04.XXXXXX M4580 V5.D6.14.02.XXXXXX ~ V5.D6.15.04.XXXXXX
V5.D6.17.04.01130 8 (2017-01-23)	Problem	TP1670DJ	SEA	Fix an issue that destination information disappears at program execution after address
	Problem	TP1670LQ	SEA	Allow mixed size to be default for original size value in the Copy / Send App, and keep the
	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
	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
	Problem	TP16B017	SEG	Use a temporary file name while scanning and saving the file, and rename it after the saving
	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
	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
	Requirement	-	SEVT	Support Vietnamese at UI.
	Problem	Q1612_0069	KOREA	Correct the problem where the abnormally large wrong value of impression counter is
Problem	-	DEV	Fix a false alarm which misunderstands that IP conflict occurs from ARP protocol cache	
Problem	-	DEV	Fix the device stop when setting double-sided, 400% enlarge option in copy job.	
Problem	TP1690W6	SEF	Fixed several bouygues telecom issues.	

V5.D6.16.03.12060 9 (2016-12-08)	Problem	TP16B0CT	SEAU	Fixed the Searchable PDF not being generated when a certain complex pattern is	
	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	
	Problem	TP16B057	SEF	Fixed the Mono printer issue of job being canceled when the job was sent to color print	
	Problem	TP16B027	KOREA	Fixed the issue of quota not being reset at times when the device goes into the sleep mode	
	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	
	Problem	-	DEV	Fixed the Schedule Image Overwrite automatically changing from on to off when powering	
	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	TP165011	SEG	Added the Borderless printing feature. (SFE56)	
	Requirement	TP1660JA	SEA	Added buckle adjustment feature in the service mode.	
	Problem	TP16611L	SEUK	Fixed the intermittently changing home screen setting issue with wifi enabled.	
	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.	
	Problem	TP1680P0	SEA	Fixed job stopping at times when printing using a driver with a 3-hole punch option	
	Problem	TP169064	SENA	Fixed the printing error when using remote pull printing in the Printing Security Core	
	Problem	TP1680JH TP1670W4	SEAU	Fixed fax reception stopping with an invalid caller ID coming through.	
	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	
	Problem	TP1640A0	SEAU	When entering D or d after connecting external keyboard to USB, input value is not	
	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.	
	V5.D6.16.02.10251 3 (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
		Requirement	TP1640K502	SEG	Printing on a number of paper types including Letterhead / Punched / Preprinted was
		Fixed issue	TP16500E02	KOREA	Corrected job pending issue during duplex V folding in MAC OS.
		Fixed issue	TP1660HG01	SEG	Modified mistranslation in German
		Fixed issue	TP1650R801	SEUK	Resolved the issue of which the print job is always printed on A3 regardless of what user
		Fixed issue	TP1660GU01	SEA	Intermittent print job stoppage when user processes complete after DSDF jam.
		Fixed issue	TP1660NE01	SESA	Resolved the issue of which reduced information, which was saved when program is
		Requirement	TP1650IT01	KOREA	Added a feature that can allow FAP monitoring of inactivation function of USB memory
		Requirement	TP1650PP01	KOREA	Added an option that enables changing the priority order of multi-use paper tray during
		Fixed issue	TP1660VG01	SEA	S5-3111 error not being displayed in error report was fixed.
		Fixed issue	TP16616201	SEDA	Fixed the issue of which the printer continues to print from a printable tray rather coming to
		Fixed issue	TP16703Z01	SEA	Took out the description about features that are not applied to Help app.
		Fixed issue	TP16705401	KOREA	Resolved the issue of system user being logged on instead of an actual print user when the
		Fixed issue	TP16701V01	SEA	Fixed the issue of +Me Box still running even when Box Application is disabled.
		Requirement	TP1630TE03	SEF	Added an option to maintain Jam animation until error is cleared.
		Fixed issue	TP16709701	SEBN	Secured a compatibility of PDF/A Scan file with ISO 19005-1.
		Requirement	TP1670DA01	KOREA	Added a feature to allow use or delete scan/ transmission destination.
Requirement		TP1670PP01	KOREA	Added a function that aggregates usage data within a certain period of time selected by	
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	
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	TP16704Z01	SEA	Fixed intermittent jam when legal media is loaded in Tray 4.		
	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.	

V5.D6.16.01.08172
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Requirement	SR-1507-000568	SEG	Adding a selecting feature for a paper tray and a media type using a PjL 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.
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	TP16500K	SEF	Improving the recognition failure of Skip blank feature during a low resolution scan
Fixed issue	TP1650MP	SEG	Improving the issue of extra pages being intermittently printed when the low-temperature
Fixed issue	Q1603_0175	Korea	Improving the connection failure problem due to non-support for NOOP command in a
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
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
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
Fixed issue	TP1640V9	Korea	Improving rare cases of print page order being switched during a duplex copy.
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,
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.
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
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 PjL 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.
V5.D6.16 (15-July-2016)	Fixed issue	TP16500R	SEG	Fix inability to use '\$' character in Scan to SMB path.
	Fixed issue	Q1604-0185 Q1604-0320	KOREA	Issue 1) Fix occasional progress bar freeze at 50%~60% during FW upgrade. Issue 2) Fix occasional wrong display of compatibility issues on all toners and IPC drums.
	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.
V5.D6.13.EC1603.06 (03-Jun-2016)	Fixed issue	TP1640DH	SEUK	Enhanced overall UI performance for a case where a device supports more than 501
	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
	Fixed issue	TP16303L03	SESG	Fixed an issue of Safecom pull print application closing immediately after a user login.
	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
	Fixed issue	TP1640XN	SEI	Enhanced copy widget performance for a case where a user tries to conduct a job
	Fixed issue	TP1630TE	SEF	Disabled the PDF/A option for 600 dpi resolution in Send app.
	Fixed issue	TP1630HK	SEBN	Fixed an issue of not cloning the authentication status in the admin setting for printing.
	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	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	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)
	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
Fixed issue	-	-	Fixed a 4K-Finisher jam error which occurred when an OHP film is used for copy.	
Fixed issue	-	-	Fixed a print jam error which occurred when the inner finisher is installed during device	
Fixed issue	-	-	Changed the version check policy to allow update for an engine sub firmware when the	
Fixed issue	-	-	Improved the management of the IP filtering feature and its default values.	
V5.D6.14 (19-Apr-2016)	Fixed issue	N/A	N/A	The Fuser Saw noise improvement.
	Fixed issue	N/A	KOREA	Print jobs are held at times when SecuThru (a secure printing software) is used.
	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
	Fixed issue	N/A	SEAU	Send Job Cancel does not work at times right after starting Send Job when the Searchable
	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/SE G	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.

V5.D6.13 (25-Mar-2016)	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
	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.
V5.D6.06 (08-Jan-2016)	Add Func			Support function to create "Web page" shortcuts on the main UI.
				Support Scan ACS Function
				V folding support for print jobs.
				Added PIN only authentication mode.
				Skip Blank Page feature for Scan/Copy implemented.
				Error code and description improved. Provides detailed information.
				Job Promotion Activation Feature implemented.
				If 'Staple Empty' error added. The User can select Continue or Hold.
				Add Oficio size for Copy, Scan.
				Scan to SMB with browsing.
				New application to help customers to download and upgrade ROM manually/automatically
				Support Searchable PDF + PDF/A option.
			Reduced the file size of searchable PDF (OCR PDF).	
			SSL, TLS, None are supported for SMTP from SWS.	
	Fix defect			The paper option is displayed Custom size on Apple device.
				ID/PW values for Job Accounting are missing when user sets 'Preset' feature supplied by
				The machine stops intermittently when the Customer is using the copy Widget.
				If Application Authentication is enabled, previously created short-cut does not work.
		Value of counter app is wrong for specific period.		
		Not able to send fax for more than 15 recipients.		
		The output has wrong page order of booklet.		
		You may see that LCD is black after wakeup by touch or wakeup by jobs.		
		File can not be deleted from Box.		
		Fax is printed from incorrect tray after power save.		
		Copy myprogram is not updated after edited and saved in home shortcut.		
		DHCP renew does not work with P2 powersave.		
		Booklet printing speed is improved.		
V5.C6.16 (01-Sep-2015)	Add func.			Support Korean language file name on ScanToPC menu.
	Add func.			Supply security patch for Apk integrity.
	Fix defect			Fix defect that user can't cancel current job sometimes.
				Fix defect of showing S5-3111 error on UI after sending print job while machine stays in
				Fix defect that machine will not wake up from UI sleep mode in spite of wake up event.
				Fix defect that the overwrite function doesn't work when import address book CSV file
				Fix wrong translation in Finnish.
				Fix Scan & send App to launch properly.
	Add func.			Fix defect of not deleting job list in UI.
				Fix defect that XOA-Web login page issue. (showing home page instead of Xoa application
	Add func.			Supporting the filename in send UI allowing to enter currencies.
	Fix defect			Fix defect of not working copy widget.
	Add func.			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
	Add func.			Improve Inner Finisher feature.
	Fix defect			Fix defect of 3K Finisher error.
				Fix defect of rebooting by internal buffer overrunning.
				Fix defect of rebooting and broken image on 2-2 copy.
		Fix defect of broken image on duplex print (A5 SEF 2 - 2 book copy To MP Tray with		
		Fix defect that when user adds manual route entry in routing table through SWS after		
Add func.			Add function of increased Font Size to 26 DP in Send application.	
Fix defect			Fix defect of fan control fault.	
			Fix file name issue of Korean character in ScanToPC.	
			Fix defect that traditional Chinese is not applied in Settings.	
				TC Calibration always perform at every power on or front cover open/close.
				PowerSave is not working after Put down lifted ext. phone.
				If a job is printing using mtr tray, it sometimes loses its pages when there is not enough sheets of paper for the job.

<p>V5.C6.12 (09-Jul-2015)</p>	<p>Fix Defect</p>	<p>Machine rebooted very very rarely at receiving in case machine is turned on by soft power on.</p> <p>For a Copy job, Original size detection is failed in case of ADF open.</p> <p>Copy Save to box -> Store and print file name overwrite issue.</p> <p>Scan to USB job is not happening after OHD Job.</p> <p>SWS set 400% , Copy show 400 % . but output paper is 100%.</p> <p>App crash is observed if user taps on to the UI while image loading is on progress.</p> <p>Fix not for launching Send App.</p> <p>AMPV Data fault.</p> <p>Program shortcut is seen after wakeup from sleep(log-out state).</p> <p>The remain on UI is different from the one on report.</p> <p>PaperCut flicking issue.</p> <p>Fax Widget hanged and need POPO when continuous jobs are performed.</p> <p>Fix defect of disappearing Short cut icon after POPO.</p> <p>Fix Fax widget issue</p> <p>1. Fax Widget hangs due to hard copy security NULL value</p> <p>Fixed memory issues, it was crashing applications due to low memory.</p> <p>Change Watermark Icon.</p> <p>After reboot, all Send programs was not displayed on HOME.</p> <p>MFP was not discovered as Airprint device from MAC OS.</p> <p>For a Copy job, Original size detection is failed in case of ADF open.</p> <p>When AC input voltage reach under the specific value (v2: 200V), some errors(S1-S132...) occur</p> <p>Fix Jam issue (M2-2112 in MP tray).</p>
<p>V5.C6.07 (28-May-2015)</p>	<p>Fix Defect</p>	<p>1. After installing EasyConnect application and changing Authentication to Device mode, the Easy connect is not active but other default launcher works for Card Login.</p> <p>2. The output of Bund job for Copy does not be printed from the paper tray when user has set of some SMTT sever, scan to Email does not work properly due to excess main size to the server required.</p> <p>4. Add Retry to 24V power function in order to solve "CCD Lock" error.</p> <p>5. Custom Paper size in Settings are not showed in Tray Confirmation pop-up window.</p> <p>6. Using C-Folding option with more than 4 paper is not available.</p> <p>7. When set the option of "Fold and Staple" with Booklet Finisher, stapling does not work.</p> <p>8. Improve the damage with roller mark which may be shown on 160mm from the top</p>
	<p>Add Func.</p>	<p>1. Add new Hebrew strings.</p> <p>1. After Back up and Restore, Back up is not set(authorization. mode, application</p> <p>2. Fix a PCL6 error when print a A3 format by A4 size.</p> <p>3. Improve the delay to print a large sized PDF file.</p> <p>4. Wrong localized message for Communication Error string.</p> <p>5. LDAP issues and Auto log out issue.</p> <p>6. If user login before AA initialization, UI does not work with "Please wait" message.</p> <p>7. [Print Driver] Install/Print Performance Enhancement.</p> <p>8. Disable screen shot capture after restore the item is already set to disable but needs.</p> <p>9. Printing a job with Chinese name from USB does not work.</p> <p>10. DNS does not work when IPv6 is enabled .</p> <p>11. Improve scan quality of original image with Watermark.</p> <p>12. Language combo is not appearing in EDC save properties window in Win XP</p> <p>13. Change Custom sized paper type of MP tray to show in Tray Confirmation popup after</p> <p>14. Korean fonts from Safari AirPrint spool files are broken.</p> <p>15. Fix the custom paper size to save and show in Tray confirmation popup and Tray</p> <p>16. Add translation of Development Unit on SWS.</p> <p>17. Support 'Scan to SMB V3' protocol on Mac OS 10.10.</p> <p>18. Improve the printing time of A3 PDF file on MS Project.</p> <p>19. After power off using Power button on UI, FDI is not counted.</p> <p>20. Though booklet bin is full [M2-8A33], the output is ejected from booklet bin.</p> <p>21. Improve UI performance.</p>
	<p>Add Func.</p>	<p>1. All individual setups in the Android UI can save in a backup file.</p> <p>2. Add stamp position TOP_CENTER / BOTTOM_CENTER for Copy.</p> <p>3. Apply background image & guide text on FDI block screen.</p> <p>4. Display the status of Log-In.</p> <p>5. Add a confirmation prompt to exit service mode as well as for memory clear.</p> <p>6. Add 'host name' to pull down menu of home screen.</p> <p>7. Authentication for Entering "Apps" Menu.</p> <p>8. Add to show a warning against the status of HomeScreen Lock.</p> <p>9. Add a localization of Taiwan.</p> <p>10. Add Fax Send Confirmation report.</p> <p>11. Add ID Send to box, but not to store in the USB device.</p> <p>12. Support Scandic letters when scan to email.</p> <p>13. Support Hebrew and Arabic font in 4th GUI.</p> <p>14. Support Newzealand model (Fax Ring Count is 3).</p> <p>15. Support SFE [032] - Line compensation for MS Excel.</p> <p>16. Add QR code that contains Device related data on Settings App. (Settings -> About</p> <p>17. Request to set Logout Confirmation popup to be enable or disable.</p>

V5.C6.04 (14-Apr-2015)		18. Add a feature to remove deactivated scan ID from UI. 19. Request to sort Korean alphabetically for Scan To Shared Folder list. 20. Support 'o' search filter in LDAP search and LDAP authentication. 21. Support Scan to FTPs. 22. Homepage customization of UI and remote distribution. 23. Support Confidential Print icon as XOA solution. 24. Support PrinterOn solution by PAR. 25. Request for default user profile for users who logged in through 3rd party solution. 26. Request supplies coverage data display on solutions (SyncThru, PrintFleet) by using 27. Support to select decreased image of first page on fax send report.
	Change Spec.	1. Improve to be able to change the settings of the SMTP server through SWAS. 2. Adjustable width on SmartSearch pop-up, when enter in Send to Email. 3. Change the color for destination text in ScanWidget. 4. Paper weights(g) are added with each paper type in the window of tray confirmation 5. Expand the number of characters in password for secure print. 6. Change FaxWidget to be able to do another fax in processing. 7. Change the method of showing Memory capacity (as Main+UI). 8. Improve SWS Report feature view the printer report instead of printing to the printer. 9. Change SPDS error code because are not same as the Device. 10. Add new warning message not to turn off the device during FW upgrade. 11. Change to notify NFC FW Upgrade to users. 12. Support a local card reader of China (same as MX4). 13. Support to enable Application Authentication for Web Print application. 14. Change to store job with C-Folding option. 15. Expand LDAP Search max results from 300 to 500. 16. Change to be disable to access PDF option if other file format except of PDF is selected 17. Change to use UCS file as base table of Smart Color Manager. 18. Admin password of many machines can be changable remotely at once. 19. Disable manual input of email address on ScanToEmail. 20. Add 480min as Power save time and disable Eco function. 21. Implement Password validation to be handled in Send. 22. Change ScanToFTP with configurable Communication Mode. 23. Compatibility with HP UPD (Universal Printer Driver). 24. Change Network PC FAX to support 500 recipients. 25. Support Early Warm Up for fast printing. 26. Support "Address Book -> Import" feature for both 'Append' and 'Overwrite'. 27. Support multilanguage for creating Box - file/folder. 28. Change the previous destination to clear after system timeout or if reset is pressed, 29. [Print Driver] Support Custom Tray Mapping and Paper Based Watermark. 30. Change the French translation from "Mon boite" to "MA BOITE". 31. Remove the previous email address not to be remained in email address box to enter 32. Change the German text from "Anwendungs magement" to 33. Change to save more that 20 of Machine ID&Fax numbers in Fax Setting.
	Delete Func.	1. Remove Online Registration from SWS > Maintenance > Links. 1. After continuous fax jobs are completed, job window for showing the progress does not closed. 2. UI is pending or Firmware update is going slow intermittenly during booting. 3. Wakeup failure from Power save mode intermittenly. 4. OPC Install Date Writing failure.
V5.B6.22 (6-Mar-2015)	Fix Defect	5. Seprate Fax Send report from the common report.
V5.B6.18 (26-Jan-2015)	Fix Defect	1. Fix a poor print quality issue come from OPC corruption in a special temperture of 2. [RADF] When starting a job, if user opened the ADF cover, sometimes ADF does not 3. Wrong date is printed on receive site when sending a Fax. 4. Some ISV application does not started after rebooting machine. 5. Improve the process of Fax job submission because if add other destination of next fax
	Change Spec.	1. [OPE] Change UI Firmware to be compatible with eMMC of KingSton. 2. Send usage counter is different from between Counter app and Usage counter
V5.B6.10 (17-Dec-2014)	Fix Defect	1. UI Black screen error during booting abnormally.
	Fix Defect	1. Fix pending on fax receiving by pressing stop button. 2. Fix send app crashing issue. 3. Possible to check other paper type on Tray 2, 8K paper. 4. Main, Optional Ethernet initialized after Memory Clear. 5. Improve LDAP searching function. 6. Fax printing on unidentified phone number. 7. Private folder ID can set up upto 64 byte. 8. Improve SMB scan function. 9. Modify Google Cloud Printing resister. 10. Improve Fliker phenomenon. 11. Improve line handling performance. 12. Improve Scan to PC speed. 13. Add the wholly delete button on Fax widget.

V5.B6.12
(14-Nov-2014)

		14. Fix Store and Print issue.
		15. Fix Stop button issue on MP Tray.
	Add Func.	1. Add the button to delete task at once.
		2. Improve LDAP searching function.
		3. Support DFS (Distributed File System) option on SWS.
		4. Number keypad defaulted when PIN code log-in.
		5. Add saving option the created local user to address book.
		6. Add Scan Masking Area Adjustment on Tech Mode.
		7. Add Send tap destination Adjustment.
		8. Support A5 size LEF printing.
		9. Add delete option for default application .
		10. Add function for playing video clip on USB memory.
		11. Add the function of WiFi / Active NFC.
		12. Add Myfax option in +Me setting.
		13. Add sharing function on Box App.
		14. Add Index scrolling in address book.
		15. Support Scan to Me.
		16. Add VNC fuction (Virtual Network Computing).
		17. Add Sharing function Send APP to other APPS.
		18. Support prefix dial on Fax widget.
		19. Add Wi-Fi icon when connected.
		20. Add duplex printing option when printing in USB.
		21. Add option of Web print APP disable.
		22. Add Haptic function to all menu.
		23. Add Web address function of auto complet, progress bar, delete at once.
		24. Add the button to delete task at once.
	Change Spec.	1. Delete initial page on Copy shortcut.
		2. Initialize the copy option when click the Interrupt during copying.
		3. Auto paper detection when using the scan widget.
		4. Reduce idling time in High temperature and humidity site.
		5. Improve UX usability.
		6. Improve the searching usability of LDAP address book.
		7. Automatically destinate to USB when insert USB memory.
		8. Add extra stamp position.
		9. Enlarge the size of number on Fax widget.
		10. Home Screen Setting authorized by admin, not user.
		11. Always wake up the Panel during video clip play.
		12. Remain recipient after Scan and Send execute.
		13. Add enter the copies number function in Copy widget.
		14. Shows defaultly number keypad in Fax widget.
		15. Create single PDF/TIFF files by scan.
		16. Display lock image on Secure PDF.
		17. Admin has authorize to delete the private folder.
		18. Default color setting of Copy widget is synchronized with Copy APP.
		19. Email notification of Counter Report includes essital contents.
		20. Copy APP's preview can change to Number keypad.
		21. Reduce Scan noise.
	Delete Func.	1. Remove user information from Logs.
		2. Remove "Ready to Copy" string placed on right bottom of Panel.