### Technical Bulletin

Reissued: 2-June-16

Model: Card Authentication Package v2 Date: 12-Mar-12

No.: RD602007k

#### **RTB Reissue**

The items in *bold italics* were corrected or added.

Subject: Card Authentication Package v2 Installation Manual			Prepared	by: Kohsuke Tomoyama
From: Solution Support Sect., Solution Support Dept.				
Classification:	<ul> <li>Troubleshooting</li> <li>Mechanical</li> <li>Paper path</li> <li>Product Safety</li> </ul>	Part informat	ion l ive )	<ul> <li>Action required</li> <li>Service manual revision</li> <li>Retrofit information</li> <li>Tier 2</li> </ul>

This RTB has been issued to announce the release of the Card Authentication Package v2 Installation Manual.

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### Card Authentication Package v2 Installation Manual

Document version: 1.3.1

### **Main Chapters**

Installation	
Installation	
Installation (WVGA/4.3-inch operation panel models)	
Installation (4-line MFP/4-line LP/LP)	
When Migrate to Card Authentication Package v2 from v1	
Uninstallation	
Uninstallation	
Uninstallation (WVGA/4.3-inch operation panel models)	
Uninstallation (4-line MFP/4-line LP/LP)	
Appendix	
VM Card Update	
Procedure for changing the HDD	
Procedure for changing the controller board	
Procedure for changing the Smart Operation Panel	

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### Installation

### Installation

Before installation, please make sure all firmwares (GW firmware, Smart Operation Panel firmware, and Smart Operation Panel applications) are the latest version. Regarding the firmware update procedures, please refer to the device service manual.

Installation (WVGA/4.3-inch operation panel models)

 Depending on the device model, the actual operation panel screen may look different from the screenshots used in this document.

#### Installation Flowchart



Installation Environment Settings

#### 1. Network information

\* Setting from System Settings of the device

\* In the case of Smart Operation Panel models, [User Tools] must be selected first and then the [User Tools / Counter / Enquiry] screen is displayed.

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Model: C	Card Authentication Package v2		Date: 12-Mar-12	No.: RD602007	k
Item	Detailed de	escriptions		Default/Remarks	
Host Name	Set the host name shown on [Int This setting is performed on the System Settings	erface Setting screen keyboa	s] tab. Ird. Exit	-	
	Veneral Irray Paper Irrner Interfa Features Settings Setting	iges File A ges Transfer	Tools Print List		
	NW Frame         Auto Select           SMB Computer Name	Ping	Command		
	SMB Work Group WORKGROUP Ethernet Speed Auto Select	Permit SNMPv3 Comm Permit SSL / TLS Comm	unication Encryption / Cleartext unication Cliphertext Priority		
	IEEE 802.1X Authentication for Ethernet Inactive Restore IEEE 802.1X Authentication to Defaults	Host Name Machine Name	RICOH Aficio MP.		
	Logged in: Machine Administrator	2/2 vstem Status Job List	Previous Next		
	Host Name Enter host name, then press [OK]. - 1 2 3 4 5 6 9 W e r t y a s d f g h z x c v b n Shift Lock Shift Space Text Entry User Text	0/63 ← → 7 8 9 U i 0 J k L ] m , .	Cancel OK		
		naren arende    Job Fist	gloria_a004a		

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Model: Ca	lodel: Card Authentication Package v2		Date: 12-Mar-12		No.: RD60200	)7k
Item	Detailed de	escriptions		Def	fault/Remarks	
IP Address/ Subnet Mask	Set the IP address and the subre [Machine IPv4 Address] in [Interf For setting, press [Specify] and [ addresses with the 10-key.	et mask that a ace settings] Change], and	appear when tab is selected. then enter the		-	
	C System Settings		Exit			
	General Tray Paper Timer Inter fa Features Settings Settings Setting	ice File File /	Administrator Tools			
	Network		Print List			
	Machine IPv4 Address 192, 168, 0, 1	DDNS Configura	tion Active			
	IPv4 Gateway Address 133.139.166. 1	IPsec	Inactive			
	Machine IPv6 Address	Domain Nam	e 2003DS.gts			
	Pv6 Stateless Address Autoconfiguration	WIND Configura	tive Protocol			
	DNS Configuration Specify	NCP Delivery Pro	tocol TCP / IP Priority			
		1/	2 🔺 Previous 🔻 Next			
	Logged in. Machine Administrator	ystem Status 🦳 Job List	25 #47 2011 9:13 gloria_a005a			
	C System Settings		Exit			
	Machine IPv4 Address	(	Cancel OK			
	Select item.					
	Auto-Obtain (DHCP) Specify Specify	MAC Addre	⊻ss 00:00:74:fb:82:1b			
	►Machine IPv4 Address 192. 168. 0.	5 Change				
	▶Subnet Mask 255, 255, 255,	0 Change				
			-			
			25 MAY 2011			
	2	ystem Status 🔰 Job List	gloria_a006			



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Model: Ca	ard Authentication Package v2		Date: 12-Mar-12		No.: RD60200	)7k
Item	Detailed of	descriptions		De	fault/Remarks	
Default Gateway	Set the address that appears w [Interface Settings] tab is select For setting, enter the address w	hen [IPv4 Gat ed. /ith the 10-key	eway Address] in		-	
	C System Settings		Exit			
	General Tray Paper Timer Inter Features Settings Settings	face File tings Transfer	Administrator Tools			
	Network		Print List			
	Machine IPv4 Address 192, 168, 0, 5	DDNS Configu	Active			
	IPv4 Gateway Address 192. 168. 0. 1	IPsec	Inactive			
	Machine IPv6 Address	Domain Nar	ne 2003DS.gts			
	IPv6 Gateway Address ::	WINS Configu	ontion On			
	DNS Configuration Specify	NCP Delivery Pr	retorol TCP / IP Priority			
		1/	2 ▲ Previous ▼ Next			
	Logged in: Machine Administrator	System Status Job List	25 MAY 2011 9:13			
			gloria_a007a			
	C System Settings		Exit			
	General Tray Paper IPv4 Gateway Addr	ess	Cancel OK			
	Network	ne Number keys, then press	s [OK].			
	Machino ID. 14 Address					
	Pv4 Gateway Address	A 4				
	Machine IPv6 Addr	U. 1	Clear			
	IPv6 Gateway Address	<b>—</b>				
	IPv6 Stateless Address Autoconfiguration					
	DNS Configuration					
	Logged in. Machine Administrator	System Status 🛛 Job List	25 MAY 2011 13:27 gloria_a008			

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Model: C	ard Authentication Package v2		Date: 12-Mar-12	No.: RD602007	<
Item	Detailed de	escriptions		Default/Remarks	
DNS Server 1/DNS Server 2/DNS Server 3	Set the server address that apper in [Interface Settings] tab is select For setting, press [Specify] and [a address with the 10-key. Image: System Settings       General       Features       Tray Paper       Settings       Image: Settings       Network	ears when [DN cted. Change], and Change], and	S Configuration] then enter the Exit Trinistrator Print List	-	
	Machine IPv4 Address Auto-Obtain	DDNS Configurat	on Active		
	IPv4 Gateway Address 133.139.166. 1	IPsec	Inactive		
	Machine IPv6 Address	WINK Configuret	0		
	Pv6 Stateless Address Autoconfiguration Active	Effect	ive Protocol		
	DNS Configuration Specify	NCP Delivery Prote	col TCP / IP Priority		
		1/2	A Previous Vext		
	Logged in. Machine Administrator	ystem Status 🛛 Job List	25 HAY 2011 9:13 gloria_a009b		
	System Settings		Exit		
	DNS Configuration	[	Cancel OK		
	Enter value with the Number keys, then press $\circledast$ .				
	Auto-Obtain (DHCP) Specify Specify				
	►DNS Server 1 0. 0. 0.	0 Change	$\leftarrow \rightarrow$		
	►DNS Server 2 0. 0. 0.	0 Change			
	►DNS Server 3 0. 0. 0.	0 Change			
			Clear #		
	Logged in. Mashine Administrator	ystem Status Job List	25 HAY 2011 9:38 gloria_a010		

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Model: C	del: Card Authentication Package v2 Date: 12-Mar-12		Date: 12-Mar-12	No.: RD602	2007k
Item	Detailed de	escriptions		Default/Remarks	
Domain Name	Set the name that appears when Settings] tab is selected. For setting, press [Specify] and [ name with the screen keyboard. System Settings	Set the name that appears when [Domain Name] in [Interface Settings] tab is selected. For setting, press [Specify] and [Change], and then enter the name with the screen keyboard.			
	General Tray Paper Timer Interfa Features Settings Settings Setting	ce File Ad gs Transfer Ad	Iministrator Tools		
	Network		Print List		
	Machine IPv4 Address Auto-Obtain	DDNS Configurat	on Active		
	IPv4 Gateway Address 133.139.166. 1	IPsec	Inactive		
	Machine IPv6 Address	Domain Name			
	IPv6 Gateway Address ::	WINS Configurat	on On		
	IPv6 Stateless Address Autoconfiguration Active	Effect	ive Protocol		
	Und Contiguration Specify	INCP Deuvery Proto	COL TCP 7 IP Priority		
	Logged in: Machine Administrator	vstem Status 🛛 Job List	25 MAY 2011 3:13 gloria a011a		
	System Settings		Exit		
	Domain Name		Cancel OK		
	Select item.				
	Auto-Obtain (DHCP) Specify				
	▶Domain Name ricoh.com	Change	]		
			-		
	Loased in: Meshine Administrator	stem Status Job List	10 AUG 2011 10:52 gloria_a080		

2) Timer Setting \* Setting in [Timer Settings] of [System Settings]

Item	Detailed descriptions	Default/Remarks
Auto Logout Timer	The default value is [Off], however press [Auto Logout Timer] in [Timer Settings] tab and select [On] to enter the log out time if necessary to change it. The range of entering the automatic logout time is from 60 to 999 seconds.	Default: [Off]

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#### VM Card Installation

V Note

- If the JavaVM is installed to the device's Flash Memory (FM), this procedure is not necessary. In this case, please proceed to the "JavaVM Configuration".
- Set [Auto Off timer] to 5 minutes in [User Tools / Counter / Enquiry] screen → [System Settings] → 1. [Timer Settings] tab.

V Note

- [Auto Off Timer] at the device side should be set to 5 minutes to prevent the device from entering the Auto Off mode while the Java <sup>™</sup> Platform is installing or activating.
- 2. Set [System Auto Reset Timer] to [Off] in [User Tools / Counter / Enquiry] screen → [System Settings] > [Timer Settings] tab.

- This setting should be restored after the installation.
- Turn off the main power of the device. 3.
- 4. Insert the VM card into the SD card slot.

V Note

- For which the SD card slot should be inserted into, see the service manual of each machine.
- 5. Turn on the main power of the device.

#### V Note

- The Java <sup>TM</sup> Platform is installed automatically if the main power of the device is turned on after the VM card insertion.
- It takes for approx. from 3 to 4 minutes to install it automatically.
- Never turn off the power of the device during the installation, otherwise it may damage the VM card. Turn off the power after the confirmation in step 8 has been done.
- 6. Press [User Tools/Counter] button.



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7. Press [Extended Feature Settings] after [User Tools / Counter / Enguiry] screen appears.

# **T**echnical **B**ulletin

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🛃 Extended Feature Setting Menu		
Extended Feature Settings JavaTN Platform		
System Status Job List 25 Hay 201 15:44	a	

8. Confirm on [Extended Feature Setting Menu] screen that [JavaTM Platform] appears after the installation is completed normally.

#### JavaVM Configuration

- 1. Press [User Tools/Counter] button.
- Press [Extended Feature Settings] after [User Tools / Counter / Enquiry] screen appears.
   Press [Extended Feature Settings].
- 4. Press [Administrator Tools] tab, and then press [Heap / Stack Size Settings].

🛃 Extended Feature	Settings				Exit
Startup Setting Install	Heap / Stack Size Se	ettings		Cancel	) OK
Select item(s) to set.	Specify size(s).	1. 1.0 MDs			
	PHeap Size <2 MB	to 16 MB> Change	Restore	Defaults	
Copy Extended Features	►Stack Size <32 K	3 to 128 KB>			
Web Installation Settings	<u>64</u> кв	Change	Restore	Defaults	
Heap / Stack Size Settings					
		System Mem	ory	Heap	
	Free	44,453,888		12,274,29	6
	Total	289,173,504		16,777,21	6
E-mail sending data error. 🕾		System Status	Job List		29 MAY 2014 15:12
					gloria_a015

5. Set the heap size and stack size.

Model	Heap size	Stack size		
11S or earlier	16MB (Default: 10MB)	64KB (Default: 64KB)		
11A or later	48MB (Default: 16MB)	Do not change from default size (Default: 256KB)		

- 6. Press the [Administrator Tools] tab, and then press [Select Available Functions].
- 7. Set [PanelService API] as [Active].

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odel: Card Authen	tication Packa	ge v2	Da	ate: 12-Mar-12	No.: RD602007k
🛃 Extended Feature	Settings	1/2 💽 🕨 📰	kit		
Select Available Functions Select [Active] or [Inactive] for ea	ch function.	Cancel	ж		
▶ PanelService API	Active	Inactive			
▶ Kerberos	Active	Inactive			
► PC/SC	Active	Inactive			
► JNDI/LDAP	Active	Inactive			
▶ Activation	Active	Inactive			
Logged in: Machine Administrator	Contras Chai	29 NOV	201 3		

- 8. Finish [User Tools].
- 9. Push the power button at the side of operation section, and turn off the main power after the power indicator has finished blinking.

Vote Note

- The VM card should be operated with setting in the SD card slot.
- Restore the original setting after installation if the change of [System Auto Reset Timer] is performed.

IC Card Reader/Writer connection

#### 🔸 Note

The Installation should be executed after the main power is turned off.

Connect the IC card Reader/Writer to the device.

Vote Note

- Connect the USB cable to the left USB port for Aficio MP C5000/C4000/C3300/C2800, Aficio MP C2550/2050.
- For other machines, either port can be connectable.
- Regarding NFC Card Reader installation, please refer to the service manual for each model.

#### Authentication Management Settings

1. Log in the device as an administrator.

🔸 Note

- The initial value of login data is as follows:
- Login user name: admin
- Password: [blank]



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Iodel: Card Authentication Package v2	Date: 12-Mar-12	No.: RD602007k
Press [User Tools/Counter] button, and then press	[System Settings].	
🔯 System Settings 📃 🖻	it	
General Tray Paper Timer Interface File Administrator Settings Settings		
User Authentication Management Extended Security		
Enhanced Authentication Management Auto Delete File in Document Server 3 da	v(s)	
Administrator Authentication Management Delete All Files in Document Server		
Program / Change Administrator		
Key Counter Management		
External Charge Unit Management		
2/4 A Previns	Next	
Contras Debug	2011	
Jou List 1923 gloria_	a020a	
Press [Administrator Tools] tab, and set items belo	W:	
[Administrator Authentication Management]		
[User Authentication Management]		
Administrator Authentication Management		
	ĩ	
inistrator Authentication Management Cancel OK		
ou nema comanage, unan messi (on).		
User Management Machine Management Network Management File Management		
Admin. Authentication On Off		
Available Settinos Administrator Tools		
24 MAY 2011		
<u>system stetus juot uist</u> gloria_a021a		
Set [Admin. Authentication] to [On].		
Press [Administrator Tools] of [Available Settings].		
Press [OK] of the upper right, and enable the char	ige.	
Press [OK] of the upper right, and enable the char achine Management]	ige.	
Press [OK] of the upper right, and enable the char achine Management] System Settings	ige.	
Press [OK] of the upper right, and enable the char achine Management] System Settings	ige.	
Press [OK] of the upper right, and enable the char achine Management]  System Settings Evit ministrator Authentication Management Cancel OK ect items to manage, then press [OK].	ige.	
Press [OK] of the upper right, and enable the char achine Management] System Settings ininistrator Authentication Management ect items to manage, then press IOKI.	ige.	
Press [OK] of the upper right, and enable the char achine Management]	ige.	
Press [OK] of the upper right, and enable the char achine Management]  System Settings  Filt  System Settings  Filt  Carcel  OK  Lear Management  Machine Management  Network Management  File Management  Admin. Authentication  On  Off  Available Settings  Tray Pager Settings  Tray Pager Settings  Tray Sett	ige.	
Press [OK] of the upper right, and enable the char achine Management]  System Settings  Diff  Machine Management  Admin. Authentication  On  Off  Available Settings  Elia Tray Paper Settings  Tray Paper Settings  Interface Settings  Elia Tray Factors  Adminited Settings  Adminited Settings  Elia Tray Factors  Adminited Settings  Elia Tray Factors  Adminited Settings  Adminited	ige.	
Press [OK] of the upper right, and enable the char achine Management] System Settings inistrator Authentication Management carcel OK ect items to manage, then press [OK]. User Management Machine Management Network Management Machine Management Network Management File Management Admin. Authentication On Off Available Settings General Features Tray Paper Settings Timer Settings Interface Settings File Transfer Administrator Tools	ige.	
Press [OK] of the upper right, and enable the char lachine Management]	ige.	

- Set [Admin. Authentication] to [On].
   For setting all items in [Available Settings] to values, press [General Features], [Tray Paper Settings], [Timer Settings], [Interface Settings], [File Transfer], [Administrator Tools] and

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#### [Maintenance].

3. Press [OK] of the upper right, and enable the change.

#### [Network Management]

🙆 System Sett	ings			Exit
Administrator Authenticati	on Management	- V	Cancel	OK
elect items to manage, t	ien press [OK].			
User Management	Machine Management	letwork Management	File Management	
Admin. Authentication	On	Off	]	
►Available Settings	Interface Settings	File Transfer	Administrator Tools	

- gloria\_a023a
- Set [Admin. Authentication] to [On].
   For setting all items in [Available Settings] to values, press [Interface Setting], [File Transfer], and [Administrator Tools].
- 3. Press [OK] of the upper right, and enable the change.

#### [File Management]

🔞 System Set	tings		1	Exit
Administrator Authenticat	ion Management		Cancel	OK
Select items to manage, t	hen press [OK].			
User Management	Machine Management	Network Management	File Management	
Admin. Authentication	On	Off	]	
►Available Settings	Administrator Tools			
		System Status Job L	ist	24 MAY 2011 15:30
			glo	ria_a024a

- Set [Admin. Authentication] to [On].
   Press [Administrator Tools] of [Available Settings].
- 3. Press [OK] of the upper right, and enable the change.

### 2) User Authentication Management

1. Confirm whether the method of the authentication is "Custom" or "LDAP".

Jser Authentication Management			Cancel	OK
Select an authentication method.	then press [OK].			
User Code Auth. Basic Auth	. Windows Auth	. LDAP Auth.	Integration Svr. Auth.	Off
LDAP Servers	★ Not Programm	ied 🛛	* Not Programmed	
	* Not Programmed		₭ Not Programmed	
	₩ Not Programm	ied		
SSL setting for encrypted commun	nication can be change	d in Program / Chang	e LDAP Server screen.	1/3
►Printer Job Authentication	Entire	Simple (Limitation)	Simple (All)	🔺 Previo
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Set [Printer Job Authentication] to [Entire].		
🔞 System Settings	Exit	
User Authentication Management Cancel	ОК	
Select an authentication method, then press [OK].		
User Code Auth. Basic Auth. Windows Auth. LDAP Auth. Integration Svr. Auth.	Off	
Available Functions     Copier     Full Colour / Two-colour / Single Colour / Black & White		
Two-colour / Single Colour / Black & White		
Black & White Only None	2/3	
	Previous	
	V Next	
System Status Job List 15:3	MAY 2011 36	
glo Set [Available Eunctions: Conject to [None]	ria_a025	
System Settings	Ful+	
Select as authentication management.		
User Code Auth. Basic Auth. Windows Auth. LDAP Auth. Integration Syr. Auth.	Off	
Printer Colour / Black & White Black & White None		
Autor Constituent Canada Canada		
Inverteer Functions		
Javanin A	3/3	
►Login Name Attribute sAMAccountName Change		

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A Previous

- 4. Set [Available Functions: Printer] to [None].
- 5. Reset [Document Server], [Facsimile], [Scanner] and [JavaTM/X] in [Available Functions: Other Functions].

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6. Press [OK] of the upper right, and enable the change.

Turn the power off and on after the settings of [Administrator Authentication Management] and [User Authentication Management] are finished.

#### Card Authentication Package V2 Installation

Install the following applications using Remote Install Manager to install Card Authentication Package v2. For the installations procedures of these applications, see the service manual of Remote Install Manager. (I Remote Install Manager)

Vote Note

►Unique Attribute

in: Machine Administrat

 Regarding the installation method for Smart Operation Panel models (Compatibility mode), it is necessary to perform offline installation via RIM. It is not possible for the eDC-I system to judge which application module type (MP\*\*: Compatibility mode / Z\*\*: Hybrid mode) should be installed to devices equipped with the Smart Operation Panel. It is possible for Hybrid mode to perform online/offline installation via RIM.

#### Vote Note

 In the case of Smart Operation Panel models (Hybrid mode), it is necessary to install 2 modules for CAP before activation when conducting offline installation: one for CAP authentication and one for CAP User Config. Tool. CAP User Config. Tool is used only when the authentication type is Local DB or CAP-ES (Internal user). If authentication type **Reissued: 2-June-16** 

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is AD, LDAP, or CAP-ES (only external user), it is not necessary to install the module for CAP User Config. Tool.

In the case of Standard Operation Panel and Smart Operation Panel (Compatibility mode):

Application	Version	Note
CAP V2 MP11/MP21/MP31/SP31	V2.x	MP11 (WVGA models) MP21 (4-line LCD LP models) MP31 (12A or older 4.3-inch operation panel MFP models) SP31 (12S or later 4.3-inch operation panel LP models)
CAP LAUNCHER	V2.x	
CAP	V2.x	
CAP REG	V2.x	

In the case of Smart Operation Panel (Hybrid mode):

Application	Version	Note
CAP V2 Z11	V2.x	
САР	V2.x	
CAP V2 Auth. UI	V1.x	Smart Operation Panel application.
CAP User Config.	V1.x	Smart Operation Panel application.
CAP NFC Plug-in	V1.x	Smart Operation Panel application. Only for v2.3.0 or later.

#### Activation Check

- 1. In the case of CAP v2 (Hybrid mode), restart the device manually to enable authentication internally.
- 2. Press [User Tools/Counter] button, and then press [Extended Feature Settings].



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🛃 Extended Feature Setting Menu	
Extended Feature Settings JavaTN Platform	
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- Confirm on [Extended Feature Setting Menu] screen that [JavaTM Platform] appears.
  - If [JavaTM Platform] is not shown, the Java <sup>™</sup> Platform has not been activated yet. Wait for a while until [JavaTM Platform] appears.
- 4. Press [Extended Feature Settings].



5. Press [Startup Setting] tab, and confirm that the condition of each application is the same as below: In the case of Standard Operation Panel and Smart Operation Panel (Compatibility mode):

Application	Status
CAP V2 MP11/MP21/MP31/SP31	Starting Up
CAP LAUNCHER	Suspend Note The Launcher is disabled by default. Please set it as the "Priority". The Launcher is not supported on 4.3-inch operation panel models.
САР	Starting Up
CAP REG	Stop
JavaTM Platform	Starting Up

In the case of Smart Operation Panel (Hybrid mode):

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	Application	St	atus	
	CAP V2 Z11	Starting Up		
	CAP	Starting Up		
	JavaTM Platform	Starting Up		

In the case of Smart Operation Panel (Hybrid mode), please also check whether the following applications are installed in Home screen  $\rightarrow$  Screen Features  $\rightarrow$  Screen Device Settings Information  $\rightarrow$  Software Version List:

Application	Note
CAP V2 Auth. UI	
CAP User Config.	
CAP NFC plug-in	Only for v2.3.0 or later.

🔸 Note

The following SP modes are automatically set whenever the applications are started up (Every time when the machine power is turned on). In the case of Smart Operation Panel models, press the [x] button on the login screen and select the [Printer] icon after logging out, and then go into SP mode. It is not possible to log in to SP mode from User Tools or Quick application (such as Quick Copy) and when logged in to the device.

- SP5-401-103: [0] → [3]
- SP5-401-162: bit0 [0] → [1], bit5 [0] → [1] \*
- SP5-401-230: bit0 [0] → [1]
- SP5-401-240: bit0 [0] → [1]

\*The bit6 of SP5-401-162 is changed from [0] to [1] at the first time when an IC card is touched. However, this is a normal action.

Priority Feature Setting (In the case of Standard Operation Panel models)

1. Press [User Tools/Counter] button, and then press [System Settings].

👩 System Settings			Exit
General Features Settings	Timer Interf Settings Setti	ace File Administrator ngs Transfer Tools	
Program / Change / Dele	te User Text	Output: Copier	Internal Tray 1
Panel Key Sound	Off	Output: Document Server	Internal Tray 1
Warm-up Beeper	Off		
Copy Count Display	Up	Output: Printer	Internal Tray 1
Function Priority	Copier	System Status/Job List Display Time	1 5 second(s)
Print Priority	Display Mode	Key Repeat	Normal
Function Reset Timer	3 second(s)		
.egged in: Machine Administrator		System Status Job List	24 MAY 2011 16:01
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2. Press [General Features] tab, and then press [Function Priority].

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🔯 System Settings		Edit		
General Tray Paper Features Settings	Function Priority	Cancel OK		
Program / Change / Delete	Select item, then press [OK].			
Panel Key Sound	Copier Docu	ment Server	_	
Warm-up Beeper	Printer	Scanner JavaTM/X		
Copy Count Display			_	
Function Priority				
Print Priority				
Function Reset Timer				
	System Status	Job List 24 MAY 201 15:51		
		gloria_a	028a	

3. Select [Java TM/X] and press [OK].

#### Smart Operation Panel model specific settings

#### Icon Setting (Only for Hybrid mode):

CAP User Config. Tool can be displayed on the Home screen.

- 1. Log in to the MFP as an Administrator.
- 2. Press and hold the Home screen. The [Add to Home] screen will appear.
- 3. Select [lcon].

4.

		C
Add to Hor	ne	
r lcor	n	
Wice Wice	lget	
Fol	der	
🛃 Wa	llpaper	
Soloot [Apr	liection	
	incation].	(
Select Icor		
💽 Ap	plication	
E Bo	okmark	
💽 Ma	chine Application	
🛃 We	b Browser NX	

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5. S	elect [CAP User Config.].		

Select Application	
CAP User Config.	
DocsConnect	
ELP NX	
Gallery	
Installer for development	
CAP User Config. Icon will appear.	



#### Screen device always-connection Setting (15S or later models)

- 1. Shift to Screen service mode.
- ↓ Note
  For information (

2.

For information on how to enter Screen service mode, contact the supervisor in your branch office. Select [Screen Device Settings].

3. Enable [Screen device always-connection Setting].

Screen Device Set	ings	
Server Settings		
Application Settir	igs	
Authentication pr	iority mode	
Screen device always-	rays-connection Setting connection is active.	2
Panel Self Check		

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#### Recommendation: Energy Saving Recovery for Business Application setting (15S or later models)

If the setting is "On", login may be little slow at the first time after recovering the energy saving. We recommend setting this as "Off".

- Log in to the MFP as an Administrator. 1.
- 2. Select [User Tools].
- Select [Machine Features]. 3.
- Select [System Settings]. 4.
- Select [Energy Saving Recovry. for Business Applicatn.]. 5.



#### 6.

System Settings			Exit
General Features	Energy Saving Recovery for Business Application	Cancel	OK
Dearran (Charge LKD De	Select item, then press [OK].		
Program/Change 056 De	Off On (Energy Savi	ing)	
	<ul> <li>If [On] is set only applications not using machine ar is reduced. Using machine may take some time as it is</li> </ul>	e available and electri	icity consumption
	is reduced. Using macrime may cake some cime as it in	is to be started up be	rure being useu.
Human Detection Sensor			
Energy Saving Recvry, for Business Application			

#### Priority Feature Setting (Only for Compatibility mode):

It is possible to select CAP LAUNCHER as a default application when a user logs in to the device.

How to configure Function Priority:

- 1. Log in to the MFP as an Administrator.
- 2. Select [Screen Features].

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Machine Administrator		Logout	
Copier Fax	Scanner .	Browser	
User Guide Address Book Management	User Tools	Screen Features	
000		Enclish	
Faled to write logs to the log collection server. 3. Select [Screen Device Settings].	~		
Machine Administrator     Screen Features		Logout C	
Security			
Storage			
A Keyboard			
Screen Device Settings Information	on		
Screen Device Settings			
4. Select [Function Priority].		Logout (	
Screen Device Settings			
Export Screen Setting Information			
Import History			
Server Settings			
Function Priority			
Initialize Screen Features Settings			

5. Select [CAP LAUNCHER].

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Achine Administrator	Logout <b>(</b>	
Scanner		
Browser		
Browser		
Browser	$\bigcirc$	
Fax		
Printer	$\bigcirc$	
CAP LAUNCHER		

#### Installation (4-line MFP/4-line LP/LP)

#### Installation Flowchart



#### Installation Environment Settings

Set the following network information from system settings in the device.

- Host Name
- IP Address
- Subnet Mask
- Default Gateway
- DNS Server 1
- DNS Server 2
- DNS Server 3

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Domain Name

VM Card Installation

1. Set [Energy Saver Timer] to 5 minutes in [User Tools / Counter / Enquiry] screen → [System Settings] → [Timer Settings] tab.

V Note

- [Energy Saver Timer] at the device side should be set to 5 minutes to prevent the device
- from entering the Energy Saver mode while the Java <sup>™</sup> Platform is installing or activating.
- 2. Insert the VM card into the SD card slot.

Vote Note

- For which the SD card slot should be inserted into, see the service manual of each machine.
- 3. Turn on the main power of the device.

Vote Note

- The Java <sup>™</sup> Platform is installed automatically if the main power of the device is turned on after the VM card insertion.
- It takes for approx. from 3 to 4 minutes to install it automatically.
- Never turn off the power of the device during the installation, otherwise it may damage the VM card. Turn off the power after the confirmation in step 8 has been done.
- 4. Access to the machine with Web Image Monitor.
- 5. Log in the machine as an administrator.

#### Vote Note

- The initial value of login data is as follows:
- Login user name: admin
- Password: [blank]

   Interpretation of the second s
- 6. Click [Configuration] in the left menu.

	Virtual Printer Settings	Extended Feature Settings
	PDF Group Password     PDF Event Password	Startup Setting
		Extended Feature Info
	Interface	Install
5	Interface Settings	Uninstall
		Administrator Tools
2.0	Network	Additional Program Startup Setting
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5 - 10x4	Inistal Additional Departm
	10x6	Conv Extended Features
	AppleTalk	Copy Card Save Data
		- 000
		gioria au62

7. Click [Startup Setting] in [Extended Feature Settings] menu.



gloria\_a063

- 8. Confirm that the status of [JavaTM Platform] is [Starting Up].
- 9. Click [Back].

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PDF Group Password	Charles a Cables		
PDF Fixed Password	scartup setting		
	Extended Feature Info		
Interface	Install		
- Interface Cattings	Uninstall		
<ul> <li>Incertace Seconds</li> </ul>	Administrator Tools		
	Additional Program Startup Setting		
Network	Install Additional Program		
5 E IPv4	Uninstall Additional Program		
IPv6	Copy Extended Features		
AppleTalk	Copy Card Save Data		
	gloria a064		

10. Click [Administrator Tools] in [Extended Feature Settings] menu.

Apply Back				
Web Installation Settings				
Web Installation Settings HTTP Proxy Server Port User Name Password URL Hean / Stark Size Settings	: O on © off : O on © off : : : : : : : : : : : : : : : : : :		]	
Heap Size	: 16	MB (5 - 32 MB)		
Stack Size	: 64	KB (32 - 512 KB)		
<ul> <li>Memory Status</li> <li>System Memory</li> <li>Heap</li> </ul>	: 35,319,808 Free (Tota : 8,321,148 Free (Tota	I: 211,369,984) : 10,485,760)		

gloria\_a065

- 11. Set [Heap Size] to 16 MB, and set [Stack Size] to 64 KB.
- 12. Click [Apply].
- 13. Log out from Web Image Monitor.
- 14. Select [Shutdown] from the menu of the device.

Vote Note

- Never turn off the power of the device before the shutdown, otherwise the HDD may be damaged.
- 15. Turn off the power.

Vote Note

The VM card should be operated with setting in the SD card slot.

#### IC Card Reader/Writer connection

#### V Note

• The installation should be executed after the main power is turned off. Connect the IC card Reader/Writer to the device.

#### Authentication Management Settings

- 1. Open Web Image Monitor.
- 2. Log in Web Image Monitor as an administrator.

🔸 Note

- The initial value of login data is as follows:
- Login user name: admin
- Password: [blank]



3. Click [Configuration] in the left menu.

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	rd Authentication Pa	ckage v2	Date: 12-Mar-12	No.: RD602007k
	icio SP C320DN Web Image Monitor	cc Q ? i	+I Logout	
Home Ich Configuration	Configuration Configuration Device Settings System Paper System Paper User Paper Type Date/Time Timer Logs Deviced Logs E-mail Auto E-mail Auto E-mail Notification On-demand E-mail Notification User AuthentCation Management Administrator AuthentCation Management Firmware Update	Security Network Security Ne	Noterest @	
Click [Ac	dministrator Authenti	cation Management]	_ <sup>a072</sup> in [Device Settings] menu	I.
RICOH Afi Administrator A OK Cei User Administra Nachine Admini Rickine Admini File Administra	ticio SP C320DN Web Image Monitor uthentication Management net tor Authentication : © or D off istrator Authentication : © or D off istrator Authentication : © or D off istrator Authentication : © or D off	( ( ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	I Logout Ininistrator Irresh @	
		gloria	_a073	
User Ad [Machine [Network [File Adr Click [Of RICOH Aff bob Configuration	Iministrator Authentic a Administrator Authentic Administrator Authentica (Administrator Authentica	scation] entication] entication] ation] gs.	Logout ministrator terresh @	
	Oser Authentication Management     Administrator Authentication Management     Program/Change Administrator	RC Gate		
	Firmware Update	Update RC Gate Firmware	_a074	
Click [Us	ser Authentication ma	anagement] in [Devic	e Settings] menu.	
RICOH Afi	Cicio SP C320DN Web Image Monitor	Mask Length 128	ninistrator	
<ul> <li>USB (Simple)</li> </ul>	: 🦉 Apply 🧟 Do not Apply			
LDAP Authentication  LDAP Authentication LDAP Authentication Login Name Attribut Unique Attribute Attribute Attribute	i Settings  i Settings  i Settings  i Settings  i Not programmed  i Settings	τ. Γ΄ Full Color to Color Selection		
Copier Color Copy Mode Printer Other Function(s)	□ JavaTM/X			
Copier Color Copy Mode Printer Other Function(s)	□ JavaTM/X			
Copier Color Copy Mode Printer Other Function(s)		gloria	_a060	otion Cottingel or

Click [OK], and enable settings.
 Log out from Web Image Monitor.

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11. Select [Shutdown] from the menu of the device.

12. Turn off and on the power of the device.

Card Authentication Package V2 Installation

For the Card Authentication Package V2 installation, install it with Remote Install Manager. See the service manual of Remote Install Manager. (IP Remote Install Manager)

#### Automatic Startup Settings

The following applications should be set to start up automatically.

- CAP
- CAP LAUNCHER
- CAP V2 MP21/SP11
- 1. Open Web Image Monitor.
- 2. Log in to Web Image Monitor as an administrator.

Vote Note

- The initial value of login is as follows:
- Login user name: admin
- Password: [blank]

-		🚥 🭳 ? i 📲 Logout
RICOH	Aficio SP C320DN Web Image Monitor	🛔 📬 🗟 Administrator
Home Job Configuration	Home Status Supplies Device Info Counter Device Name : RECOH Africo SP C320DN Common : RECOH Africo SP C320DN Common : REPORTED Reset Device Reset Printer Job	
		gloria_a061

3. Click [Configuration] in the left menu.



4. Click [Startup Setting] in [Extended Feature Settings] menu.

DIC								cc ( 1	? i ⇒Logou
RICO	RICOH ATICIO SP C320DN Web Image Monitor							4.1	Administrate
Startu	p Setting								Refres
Back									
35tart	Up/Stop (F/m)Priority/Ca	ancel							
3 () 1/	Up/Stop F/m Phonty/Ca 2 F F Total Applications:5	ancel							
Start	Up/Stop F/mPnonty/Ca 2 • • Total Applications:5 Extended Feature Name	ancel	Priority	Туре	Status	Description	Version	Allocated to	Startup Location
Selection	Up/Stop F/mPriority/Ca 2 • • Total Applications:S Extended Feature Name CAP V2 SP11	ancel	Priority	Type J	Status Starting Up	Description	Version 2.0.0	Allocated to	Startup Location
Selection C	Up/Stop (//m Phorky/Ca 2 • • Total Applications:5 Extended Feature Name CAP V2 SP11 CAP	ancel C	Priority	Type J J	Status Starting Up Starting Up	Description	Version 2.0.0 2.0.0	Allocated to	Startup Location SD Card Slot 2 SD Card Slot 2
Selection C	Up/Stop (F/m Priority/Ca 2 ) () Total Applications:5 Extended Feature Name CAP V2 SP11 CAP ELP NX		Priority	Type J J J	Status Starting Up Starting Up Stop	Description For LP	Version 2.0.0 2.0.0 2.0.0	Allocated to	Startup Location SD Card Slot 2 SD Card Slot 2 SD Card Slot 2

gloria\_a079

5. Click [Details] icon of [Extended Feature Name] for the target application.



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- 6. Check [On] at [Auto Start] and click [OK].
- 7. Reboot the device.

#### Installation Check

- 1. Turn on the power of the device.
- 2. Log in Web Image Monitor as an administrator.
  - Vote Note
    - The initial value of login data is as follows:
    - Login user name: admin
    - Password: [blank]

DICOLL		📾 🭳 ? i 🕂 Logout
RICOH	Aficio SP C320DN Web Image Monitor	🛔 📬 🖬 Administrator
Home Job Configuration	Home Status Supplier Device Info Counter Device Name : FIECH Alfoid SP C320DN Location Commercial Commercial Host Name : FNPORDEEB Rest Device Reset Printer Job	
		gloria_a061

3. Click [Configuration] in the left menu.



- 4. Click [Extended Feature Info] in [Extended Feature Settings] menu.
- 5. Refer to the application list, and confirm that the condition of each application is the same as below:

Application	Status
CAP V2 MP21/SP11	Starting Up
CAP LAUNCHER	Suspend
CAP	Starting Up
CAP REG	Stop
JavaTM Platform	Starting Up

#### **Priority Feature Setting**

- 1. Press [Maintenance] → [General Settings] → [Function Priority] from the menu of the device.
- 2. Select [Java TM/X].
- Vote
  - The procedure of this setting differs from devices so that see the service manual of the device.

#### When Migrate to Card Authentication Package v2 from v1

Migration from Card Authentication Package v1 to v2 requires the conversion of the user information from Card Authentication Package v1's format to v2's format.

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The following explains the conversion procedure using CAP Convert Tool.

For CAP Convert Tool, JRE v6.0 or later is required on the host PC.

#### **Conversion Flowchart**

.



#### Export the Data

The following three files are required in order to convert the Card Authentication Package v1 data into v2 data.

- Card information file: card(date).csv
- User information file: (model name) user.csv
- Address information file: (model name)\_addr.csv
- These exports have to be done before uninstalling v1.

#### 1) Export the card information

1. Click [Maintenance] to show [Card ID Mapping Maintenance] screen. Card ID Mapping Maintenance

Back	
Export Card ID Mapping . Export	
Import Card ID Mapping:	参照
Import	
	gloria_a051

2. Click [Export].

The export operation creates a CSV file containing the card information. **Example:** cardmmdd.csv (mmdd: an exported month (mm) and day (dd)) **2) Export the user information** 

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<u>S</u> hift to Energy Save Mode <u>R</u> ecover from Energy Save Mode			
Add to <u>G</u> roup Ctrl+D <u>D</u> elete Del <u>G</u> hange Display Information Alt+Enter			
Web Browser Device Information			
<u>U</u> ser Management Tool <u>A</u> ddress Management Tool Accounting <u>R</u> eport Tool			
gloria_a052	Monitor for Admin.		
Image ment Tool - RICOH Aficio MI         File       Edit       View       Help         Image ment Tool - RICOH Aficio MI       File       Edit       View       Help         Image ment Tool - RICOH Aficio MI       Mile       Mile       Mile       Mile         Image ment Tool - RICOH Aficio MI       Mile       Mile       Mile       Mile         Image ment Tool - RICOH Aficio MI       Mile       Mile       Mile       Mile         Image ment Tool - RICOH Aficio MI       Mile       Mile       Mile       Mile         Image ment Tool - RICOH Aficio MI       Mile       Mile       Mile       Mile         Image ment Tool - RICOH Aficio MI       Mile       Mile       Mile       Mile       Mile         Image ment Tool - RICOH Aficio MI       Mile       Mile       Mile       Mile       Mile         Image ment Tool - RICOH Aficio MI       Mile       Mile       Mile       Mile       Mile         Image ment Tool - RICOH Afico       Mile       Mile       Mile       Mile       Mile         Image ment Tool - RICOH Afico       Mile       Mile       Mile       Mile       Mile       Mile         Image ment Tool - RICOH Afico       Mile       Mile       Mile       Mi			
2. Select [Access Control List] tab.			
Iser Management Tool - RICOH Aficio MI         File       Edit       View       Help         Export User Statistics List       Edit CSV File Format of the User Statistics List         Open CSV File with Program       Export User Information       Import User Information			
Exit			
gloria_a054 3. Select [Export User Information] from [File] menu. The user information is exported as a CSV file. Example (for an Aficio MP C5000): Aficio_MP_C5000 3) Export the address information Shift to Energy Save Mode Recover from Energy Save Mode Add to Group Delete Del	0_user.csv		
Change Display Information Alt+Enter			
Web Browser Device Information			
<u>U</u> ser Management Tool <u>A</u> ddress Management Tool Accounting <u>R</u> eport Tool			

gloria\_a055 1. Launch [Address Management Tool] of Smart Device Monitor for Admin.

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2. Select [Export Data] from [File] menu.

Three CSV files are created by the export process and one of them is needed for the conversion. **Example (for an Aficio MP C5000):** 

#### Aficio\_MP\_C5000\_faxinfo.csv

Aficio MP C5000 taginfo.csv

Aficio\_MP\_C5000\_addr.csv (Only this file is needed for the conversion.)

#### Uninstall Card Authentication Package v1

For the Card Authentication Package v1 uninstallation, see the service manual for Card Authentication Package v1. (IF Card Authentication Package v1 Service Manual)

#### Install Card Authentication Package v2

For the Card Authentication Package v2 installation, install it with Remote Install Manager. See the service manual of Remote Install Manager. (IF Remote Install Manager)

#### Convert the Data Format

- 1. Before running CAP Convert Tool, put the tool and the files into the same directory.
  - CAP Convert Tool: DataConvertFromCap.exe
  - Card information file: card(date).csv
  - User information file: (model name)\_user.csv
  - Address information file: (model name)\_addr.csv
- 2. CAP Convert Tool is a command-line tool. Open a command prompt and switch to the directory where the files are located.
- 3. Enter the following command.

DataConvertFromCap.exe (User information file name) (Address information file name) (Card information file name) [Character-code]

Vote Note

- If any character code is not specified, "Cp1252" will be used as a default.
- For a list of supported character encoding types, refer to the 2<sup>nd</sup> column of the following list:
- http://download.oracle.com/javase/1.5.0/docs/guide/intl/encoding.doc.html
- 4. A message is displayed when the conversion is complete. The message includes the following information:
  - User information registered (total item)
  - Convert user information items (succeeded)
  - Input format error items (failed)
  - Conversion error items (failed)

If there is no error, close the command prompt.

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Import the Data

A successful conversion creates the following two files:

- DataConvertFromCap.csv
   This is the user information file for Card Authentication Package v2.
   To import the data, use CAP v2 Configuration Tool.
- DataConvertFromCap.log This log contains the conversion results and the error information.

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# Uninstallation

### Uninstallation

Uninstallation (WVGA/4.3-inch operation panel models)

 Depending on the device model, the actual operation panel screen may look different from the screenshots used in this document.

#### Setting in the Device

Set [Enhanced Authentication Management] in [Security Management] to [Off].

🔸 Note

The SC636 error will occur when ignoring the process above.

#### SP Mode Cancellation

Restore the SP values described below. In the case of Smart Operation Panel model, press the [x] button on the login screen and select the [Printer] icon after logging out, and then go into SP mode. It is not possible to log in to SP mode from User Tools or Quick application (such as Quick Copy) and when logged into the device.

- SP5-401-103: [3] → [0]
- SP5-401-162: bit0 [1] → [0], bit5 [1] → [0], bit6 [1] → [0]
- SP5-401-230: bit0 [1] → [0]
- SP5-401-240: bit0 [1] → [0]
  - Vote Note

The machine should be rebooted after the settings are changed.

The setting changes are not necessary if the reinstallation is executed.

#### **Priority Feature Cancellation**

In the case of Normal Operation Panel models:

- 1. Press [User Tools/Counter] button, and then press [Screen Device Settings].
- 2. Press [General Features] tab, and then press [Function Priority].
- 3. Select an item on the screen other than [Java TM/X] and press [OK].

In the case of Smart Operation Panel models:

- 1. Press [Screen Features] button, and then press [System Settings].
- 2. Press [Function Priority].
- 3. Select an item on the screen other than [CAP User Config.] and press [OK].

#### Authentication Management Settings

1. Log in the device as an administrator.

🔸 Note

- The initial value of login data is as follows:
- Login user name: admin
- Password: [blank]

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<ol> <li>Press [User Tools/Counter] button, and then press [Sy</li> <li>Press [Administrator Tools] tab. and set items below:</li> </ol>	rstem Settings].		
[User Authentication Management]			
Administrator Authentication Management]			
1) User Authentication Management			
4. Set the method of the authentication is "Off".			
5. Press [OK] of the upper right.			
2) Administrator Authentication Management			
[User management]			
6. Set [Admin. Authentication] to [Off].			
[Machine Management]			
7. Set [Admin. Authentication] to [Off].			
[Network Management]			
8. Set [Admin. Authentication] to [Off].			
[File Management]			
9. Set [Admin. Authentication] to [Off].			

10. Press [OK] of the upper right.

Turn the power off and on after the settings of [Administrator Authentication Management] and [User Authentication Management] are finished.

#### Card Authentication Package V2 Uninstallation

For the Card Authentication Package V2 uninstallation, uninstall it with Remote Install Manager. See the service manual of Remote Install Manager. (I Remote Install Manager)

#### Uninstallation (4-line MFP/4-line LP/LP)

#### Setting in the Device

Set [Enhanced Authentication Management] in [Security Management] to [Off].

Vote Note

The SC636 error will occur when ignoring the process above.

#### Setting with Web Image Monitor

- 1. Open Web Image Monitor.
- 2. Log in the machine as an administrator.
  - 🔸 Note
    - The initial value of login data is as follows:
    - Login user name: admin
    - Password: [blank]

DICOLL		am 🭳 ? i → Logout
RICOH	Aficio SP C320DN Web Image Monitor	🛔 📬 🗟 Administrator
Home Job Configuration	Home Status Supplies Device Info Counter Device Name : FLOCH Alfrid SP C320DN Location Location Community Community Reset Device Reset Printer Job	
		gloria_a061

3. Click [Configuration] in the left menu.

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Configuration       Security         Vote       Security         Vote       Security         Paper       User Paper Type         Observation       Observation	Logout istrator seh @ ^	
Click [User Authentication Management] in [Device RICOH Aficio SP C320DN Web Image Monitor User Authentication Management User Authentication Management User Authentication Management	Settings] menu.	
gloria_ 5. Select [Off] at [User Authentication Management], a Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuration Configuratio	aurs and click [OK].	
Gloria_a Click [Administrator Authentication Management] in Administrator Authentication Management Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost Cost	a072 a [Device Settings] menu. agout h @	
<ul> <li>gloria_a</li> <li>Check [Off] at the following items, and click [OK].</li> <li>User Administrator Authentication</li> <li>Machine Administrator Authentication</li> <li>Network Administrator Authentication</li> <li>File Administrator Authentication</li> <li>Turn off and on the power of the device.</li> <li>Execute the uninstallation with Remote Install Manager. (I Remote Install Manager)</li> </ul>	<sup>076</sup> ager. For details, see the se ler)	rvice manual of
SP Mode Cancellation		
<ul> <li>Restore the SP values described below.</li> <li>SP5-401-103: [3] → [0]</li> <li>SP5-401-162: bit0 [1] → [0], bit5 [1] → [0]</li> </ul>		

■ SP5-401-230: bit0 [1] → [0]

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#### SP5-401-240: bit0 [1] → [0]

🔸 Note

- The machine should be rebooted after the settings are changed.
- The setting changes are not necessary if the reinstallation is executed.

**Priority Feature Cancellation** 

- 1. Press [Maintenance] → [General Settings] → [Function Priority] from the menu of the device.
- 2. Select an item on the screen other than [Java TM/X].
- Vote Note
  - The procedure of this setting differs from devices so that see the service manual of the device.

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# Appendix

### VM Card Update

#### VM Card Update

Vote Note

2.

- The steps below should be followed when updating the VM card if CAPv2 is installed.
- Disable Enhanced Authentication Management (SP5-401-160: [1] → [0]).
   ↓ Note
  - Proceed to step 2 without rebooting the device.
  - Update the VM card using Remote Install Manager.
- 3. Reboot the device two times (some settings are automatically set during the 1<sup>st</sup> reboot that require a 2<sup>nd</sup> reboot to enable).

### Procedure for changing the HDD

- Export the user/device settings via the Configuration Tool for back up. (If possible) File --> Export --> Select User Information and Device Settings for export --> Click the "Export" button.
- 2. Uninstall all the applications (CAP) using Remote Install Manager.
- Change out the HDD.
   Note
  - Please refer to the device service manual to change out the HDD.
- 4. Reinstall all the applications (CAP) using Remote Install Manager.
- 5. Import the user/device setting in Configuration Tool.
- File --> Import --> Browse for the User Information and Device Settings --> Click the "Import" button.

### Procedure for changing the controller board

This procedure is available in the case that Java VM is installed to the device's flash memory (FM) on the controller board.

- Export the user/device settings via the Configuration Tool for back up. (If possible.) File --> Export --> Select User Information and Device Settings for export --> Click the "Export" button.
- 2. Uninstall all applications (CAP) via Remote Install Manager.

Vote Note

In the case that the controller board needs to be replaced when using Hybrid mode: If it is necessary to replace the controller board, the Smart Operation Panel applications

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will remain. Therefore, the applications should be uninstalled using RIM.

- 3. Disable the Java VM (SP5-730-001: [1] -> [0]). Then restart the device.
- Change out the controller board.
   Note

Please refer to the device service manual to change out the Controller Board.

- 5. Reinstall all the applications (CAP) using Remote Install Manager.
- Import the user/device setting in configuration tool.
   File --> Import --> Browse for the User Information and Device Settings --> Click the "Import" button.

### Procedure for changing the Smart Operation Panel

This procedure is available when changing to a Smart Operation Panel from a Standard Operation Panel or if a Smart Operation Panel needs to be replaced.

- Export the user/device settings via the Configuration Tool for back up. (If possible.) File --> Export --> Select User Information and Device Settings for export --> Click the "Export" button.
- 2. Uninstall all applications (CAP) via Remote Install Manager.
  - Vote Note
    - In the case that the Smart Operation Panel needs to be replaced when using Hybrid mode: If it is necessary to replace the Smart Operation Panel, the DSDK applications installed in the Java VM will remain. Therefore, these applications should be uninstalled via Web image Monitor. The uninstallation method via Web Image Monitor is as follows. WIM -> Configuration -> "Uninstall" in Extended Feature Settings
      - The reason for why the DSDK applications must be uninstalled via WIM is as follows: As per the specification for the eDC-i system, the DSDK applications installed in the Java VM and the Smart Operation Panel applications are regarded as 1 application. When the Smart Operation Panel is replaced (the DSDK applications are left and the Smart Operation Panel applications disappear), the eDC-i system will judge that both the DSDK applications and the Smart Operation Panel applications are deleted. This will cause an error to occur when uninstalling via RIM. Therefore, it is necessary to uninstall the remaining DSDK applications via WIM in order to clear the error in RIM.
    - In the case that the Smart Operation Panel needs to be replaced when using Hybrid mode: It is necessary to forcibly deactivate the license key in advance. Please contact the marketing section in your branch office regarding the deactivation method.
- 3. Reinstall all applications (CAP).
- Import the user/device settings via the Configuration Tool. File --> Import --> Browse for the User Information and Device Settings --> Click the "Import" button.