### GlobalScan NX Installation /Update Guide (Lapnet Version)

May, 2010 Subject to change Ricoh Company LTD

# Target MFP models and supported VM versions.

For each MFP model, make sure to install the following or newer version.

Model Name	VM Ver.
B222/B224	V2.15
B230/B237	V2.15
B246/B248/B249	V2.15
D052/D053/D054	V2.15
D009/D012	V4.19
D011/D013	V4.19
D014/D015	V4.19
D017/D019	V4.19
D018/D020	V4.19
D084/D085	V4.19
D091/D092	V4.19
D023/D025	V4.19
D027/D029	V4.19
D038/D041	V4.19
D062/D063/D065/D066	V5.08
D067/D068/D069/D072	V6.04
D081/D082	V7.01

### **Confirmation Points before Installation**

- Make sure that the system firmware of the **target machine** is the latest version.
- Make sure that the firmware of the VM card is the latest version
- Please confirm the version compatibility between GlobalScan NX and CAP. For details, refer to the following table:

GlobalScan NX	CAP	Compatibility
V1.3.3.0	V1.3.0.0	OK
V1.3.3.0	V1.2.0.0	OK

- GlobalScan NX requires that the device's Auto Off Timer be set to 5 minutes or longer. This is because the device might not work correctly if it enters Sleep Mode before the VM, GlobalScan NX applications finish starting up.
- To use GlobalScan NX with the following models, please have the customer purchase memory modules to expand the available system (MFP) memory:
- AL-C1, R-C5 (monochrome scanner models): Needs to be expanded to 768MB (max.).
- DI-C1: Needs to be expanded to 1024MB (max.).
- For AL-C1 and R-C5, the IPDS option and Global Scan NX (Java VM) cannot be used at the same time.

### Installation of GlobalScan NX (L)

- 1. Turn off the target machine.
- 2. Install the VM card in the service slot of the target machine.
- 3. Turn on the target machine.
- 4. Ask a machine administrator to login to the target machine with the login name and password of the machine's administrator.



- 5. Enter the "User Tools", and then press "Extended Feature Settings" on the LCD.
  - For 4-line LCD models, use Web Image Monitor to perform Step 5-10.

😤 Extended Feature Setting Menu	Exit
Extended Feature Settings	JavaTM Platform
Contra China	JUL 17,200
System Status	al i105

- 6. Press "Extended Feature Settings" on the LCD.
- 7. Allocate the Function key (on the operation panel) for the Java VM applications if the customer wants to use a key other than "Other Functions" (default).
- 8. Enter the "Extended Features Settings".
  - "User Tools/Counter" > "Extended Features Settings" > "Extended Features Settings"

😤 Extended Featur	e Settings	5			Exit
Startup Setting Install	Uninstall	Change Allocation	Extended Feature Info	Administrator Tools	←
Select item(s) to set.					
Copy Extended Features					
Copy Card Save Data					
Web Installation Settings					
Heap / Stack Size Settings					
Toner Cartridge is almost empty. Yellow		System S	tatus 🦳 Job Lis	t	AUG 7,2008 8:05PM
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9. Press the "Administrator Tools" tab, and then press the "Heap/ Stack Size Settings" button.



10. Press the "Change" button.

😤 Extended Feature	Settings			Exit
Startup Install	Heap / Stack Siz	e Settings	Car	ОК
Select item(s) to set.	Specify size(s). ►Heap Size <2	MB to 16 MB>		
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	►Stack Size <	32 KB to 128 KB>		(H)
Web Installation Settings	64	KB Change	Restore Defaults	
Heap / Stack Size Settings	·			
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	Total	203,923,456	8,388,608	1
Toner Cartridge is almost empty. Yellow		System Status	Job List	AUG 7,2008 8:05PM
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<4-line LCD models>

Administrator Too	S			
Apply	Back			
Web Installation Setting	1			
Web Installation Setting	s ∶O On ⊙ Off			
HITP Proxy     Server	: 🔾 On 🖲 Off			
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URL	:			
Heap / Stack Size Settin	S			
Heap Size	: 12	MB (2 - 16 MB)		
Stack Size	: 64	: 64 KB (32 - 64 KB)		
Memory Status	Sana a sanasaa	and a movement sets of the		

11. Input an appropriate value (see the table below) with the numeric keys on the operation panel, and then press the "# (Enter)" key. Required heap size for the " Heap/ Stack Size Settings" depends on a combination of

installed applications. For details, refer to the table below.

GlobalScan NX	CAP	ELP-NX	Required Heap Size
Yes	-	-	Default Setting
Yes	Yes	-	16 MB
Yes	Yes	Yes	16 MB

12. Press the "OK" button to return to the previous screen.

13. Press the "User Tools/Counter" key to exit the UP mode.

14. Turn the target machine off and on.

## **Remote Updating Procedure**

#### Updating of GlobalScan NX SDK application

#### 🔂 Important

- First update the Java VM Platform if the Java VM Platform and GlobalScan NX SDK Application are supposed to be updated at the same time.
- It is not possible to update Ver1.1.X directly to Ver1.3.x.
- 1. Ask a machine administrator to stop the GlobalScan NX SDK Application with the operation panel (the procedure for stopping a GlobalScan NX SDK application is described below for reference).

Note

- Stop other SDK Applications if they have been installed in the machine.
- You can also stop the GlobalScan NX SDK Application with the web image monitor (the procedure for stopping a GlobalScan NX SDK application is described below for reference).
- 2. Launch the Remote Manager.
- 3. Add a GlobalScan NX SDK Application for updating in the Remote Manager
  - File name of the zip file is subject to change.
  - See the "Adding a DSDK Application in the Remote Manager" sub section of the "DSDK Application Installation" section of the "Embedded Software Remote Manager Operation Guide".
- 4. Install the GlobalScan NX SDK Application for updating in the target machine **Note**

See the "Installing the DSDK Application in the Target Machine" sub section of the "DSDK Application Installation" section of the "Embedded Software Remote Manager Operation Guide".

- 5. Turn off and on the target machine.
- 6. Ask a machine administrator to check if the version of the GlobalScan NX SDK Application is updated and if the installed GlobalScan NX SDK Application is "Starting Up".

To stop a GlobalScan NX SDK application with Operation Panel

- 1. Press User Tools/Counter key on the machine's operation panel.
- 2. Log in the "User Tools" using a machine administrator account (user name and password).

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<b>R</b>	C	Copier / Document Server Features	Español
	System Settings	Facsimile Features	Inquiry
		Printer Features	
ß	Maintenance	Scanner Features	
123	Counter	Extended Feature Settings	
		System Status Job List	FEB 27,2008 11:48PM
			cav2i063

- The screen shown above is displayed.
   Press "Extended Features Settings".

 Extended Feature Setting Me	nu	1	Exit
Extended Feature Settings		JavaTM Platform	
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- The screen shown above is displayed.
   Press "Extended Features Settings".

🚼 Extended	Featur	e Settings			Exit
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ielect extended featu	re(s) to st	art or stop.			
Priority Status	Type	Extended Feature Name	Description	Version	Startup Location
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Starting Up	Туре-С	JavaTM Platform	PRE02 Extended Feat.	2.13	SD Card Slot 3
Starting Up	Туре-С	JavaTM Platform	PRE02 Extended Feat.	2.13	SD Card Slot 3
			System Status Job List		MAY 13,2008
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7. Press the GlobalScan NX SDK application bar to stop the application.

🛃 Extended	l Featur	e Settings			Exit
Startup Setting	nstall	Uninstall Change Allocatio	n Extended Feature Info	Administrator Tools	
Select extended feat	re(s) to st	art or stop.			
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8. "Stop" is displayed in the Status column and the GlobalScan NX SDK application bar turns white when the GlobalScan NX SDK application is stopped.

To stop a GlobalScan NX SDK application with Web Image Monitor



- 1. Access the target machine's Web Image Monitor.
- 2. Click the "Login" button.

RICOH	
	Web Image Monitor
Login User Name : Login Password : Login	
Cancel	

3. Login to the target machine using a machine administrator name and password.

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Configuration	Host Name	: RNPA90FD5		
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4. Click "Configuration".



5. Click "Startup Setting" in the "Extended Feature Settings" section.

Back							
Start Up6t	tal Applications 2	ncel					
Selection Exte	nded Feature Name		Priority	Type	Status	Description	Versi
C Glo	balScan NX			l	Starting Up		1.00
C Java	TM Platform			с	Starting Up	PRE02 Extended Feature(JavaTM Platform)	2.13

6. Check the radio button of a GlobalScan NX SDK application to be updated, and then click the "Start Up/Stop".

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Bacl	Up/Stop	incel					
Start	Up/Stop 🚺 Priority/Ca	ancel					
	Total Applications ()						
Selection	Extended Feature Name		Priority	Type	Status	Description	Versio
с	GlobalScan NX			J	Stop		1.00
C	JavaTM Platform			с	Starting Up	PRE02 Extended Feature(JavaTM Platform)	2.13
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7. "Stop" is displayed in the Status column if the GlobalScan NX SDK application is stopped.