

**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

Installation

Confirmation Points before Installation

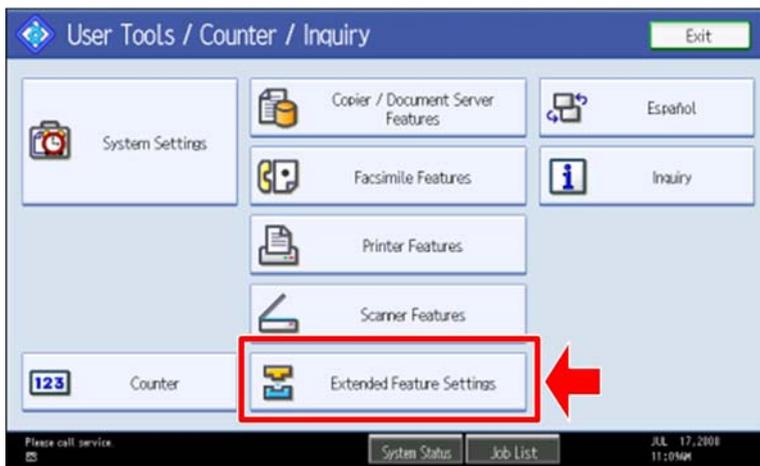
- Make sure that the system firmware of the **target machine** is the latest version.
- Make sure that the firmware of the **VM card** is the latest version
- Please confirm the version compatibility between GlobalScan NX and CAP. For details, refer to the following table:

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.



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5. Enter the "User Tools", and then press "Extended Feature Settings" on the LCD.

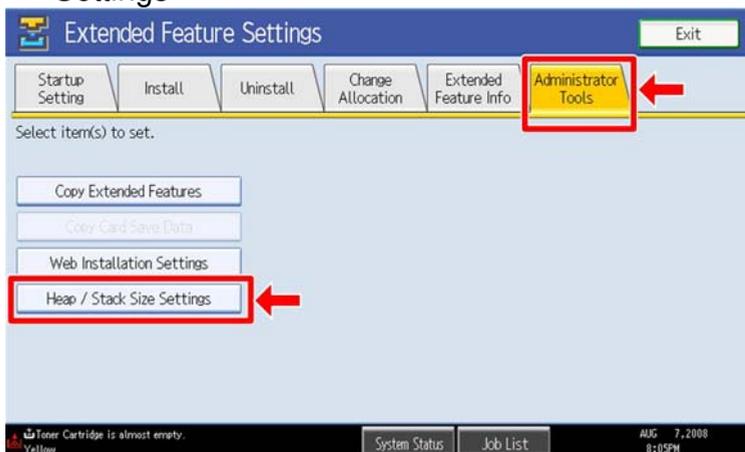
↓ **Note**

- For 4-line LCD models, use Web Image Monitor to perform Step 5-10.



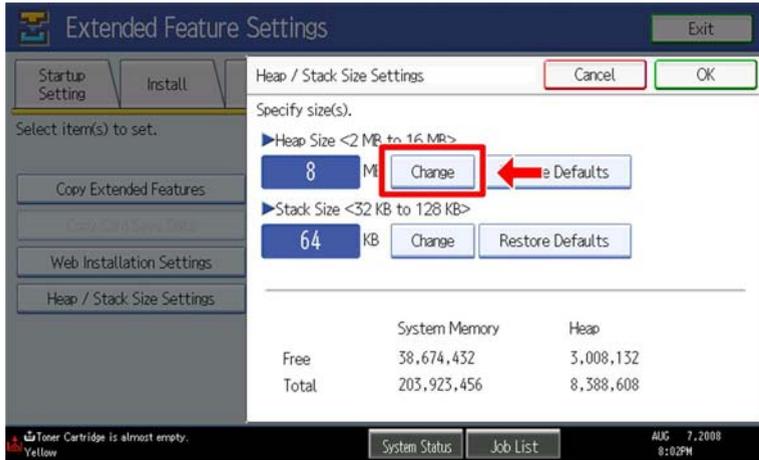
gl_i105

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"



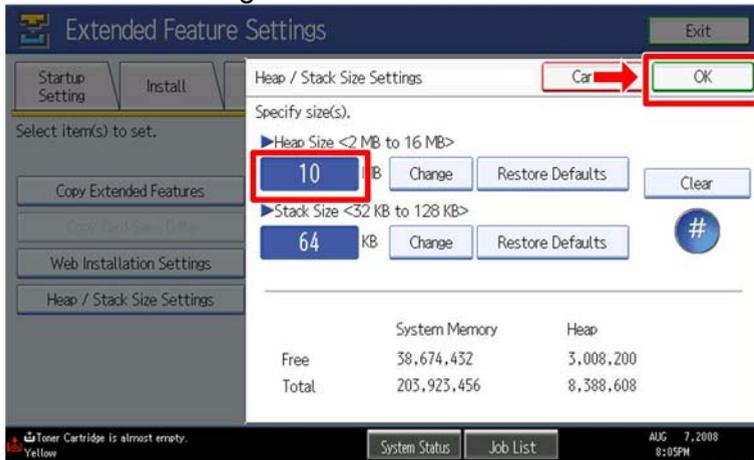
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9. Press the "Administrator Tools" tab, and then press the "Heap/ Stack Size Settings" button.



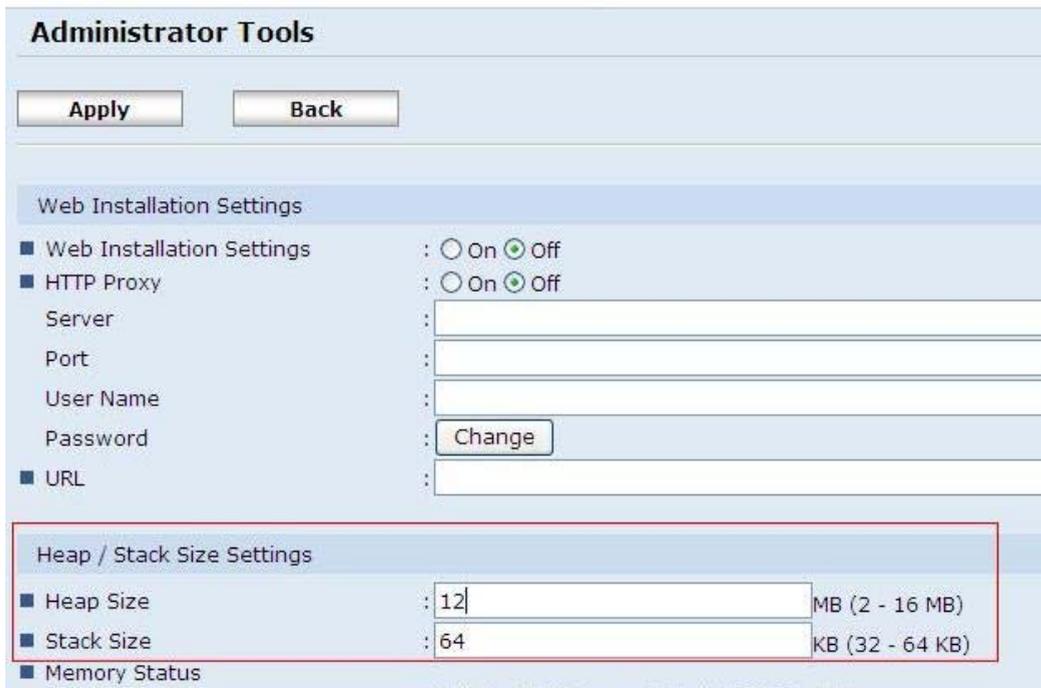
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10. Press the "Change" button.



gl_i118

<4-line LCD models>



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

↓ Note

- 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

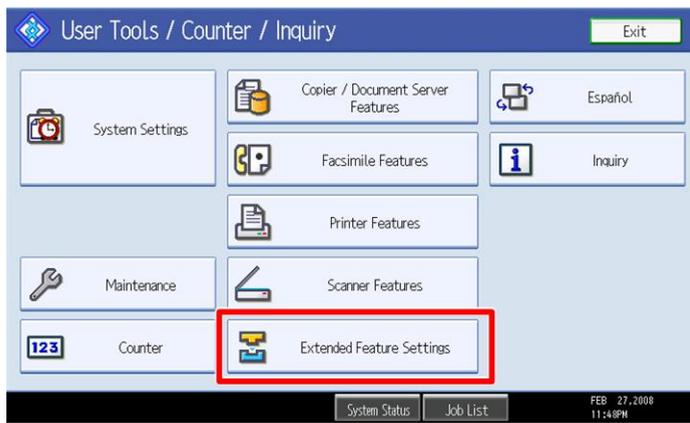
↓ Note

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).



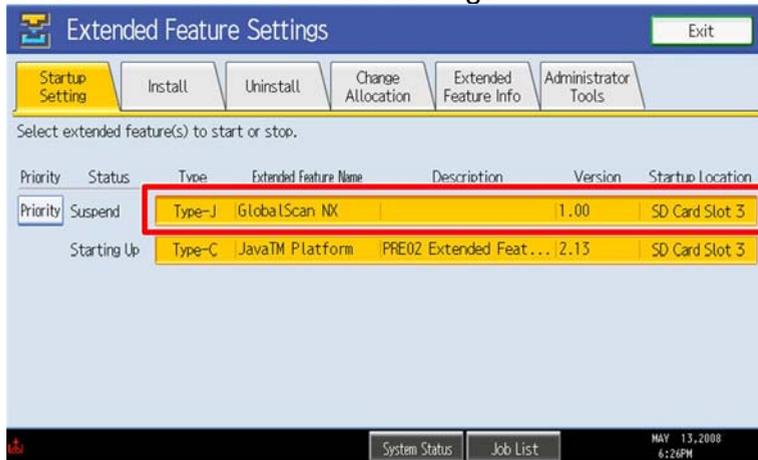
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3. The screen shown above is displayed.
4. Press "Extended Features Settings".



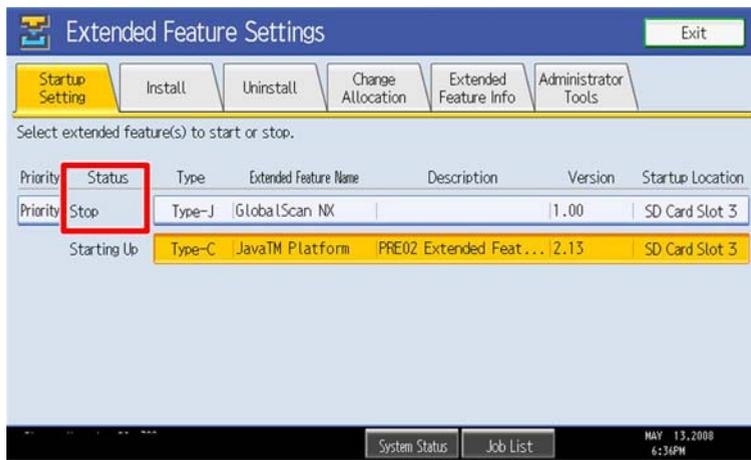
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5. The screen shown above is displayed.
6. Press "Extended Features Settings".



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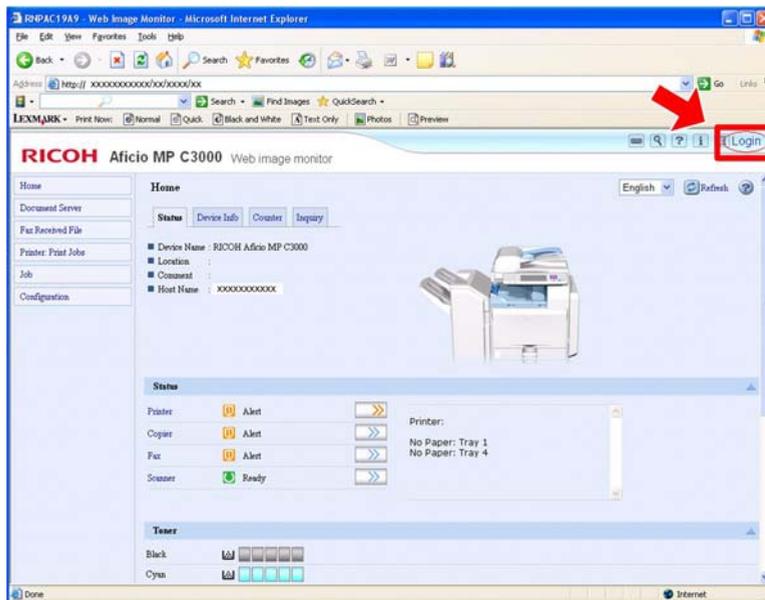
7. Press the GlobalScan NX SDK application bar to stop the application.



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- "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



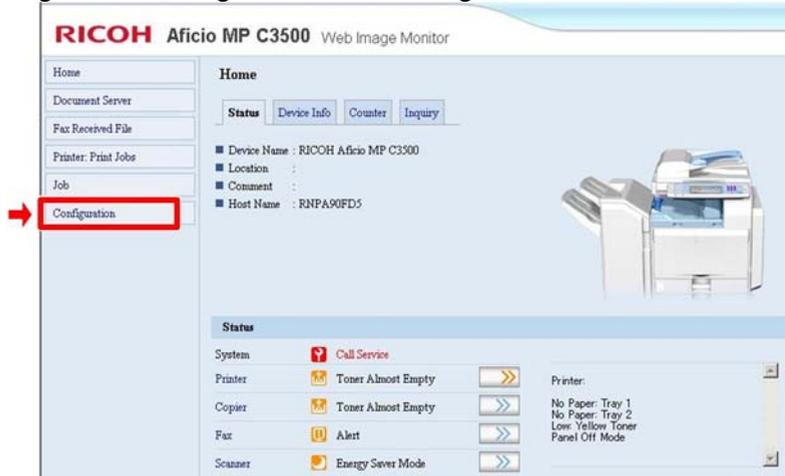
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- Access the target machine's Web Image Monitor.
- Click the "Login" button.



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



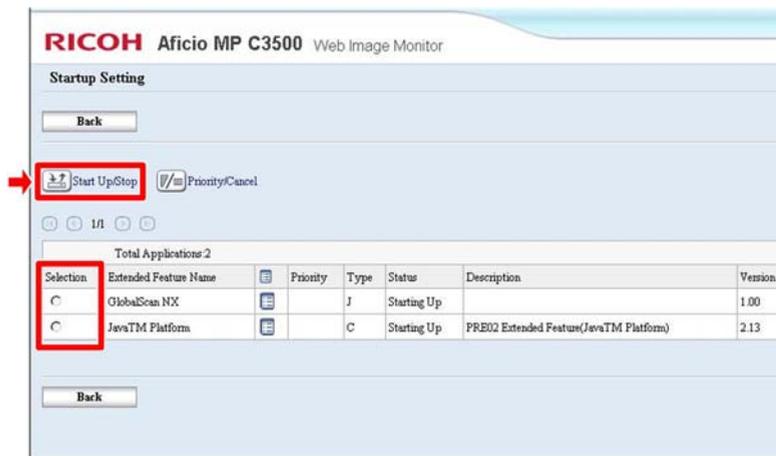
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4. Click "Configuration".



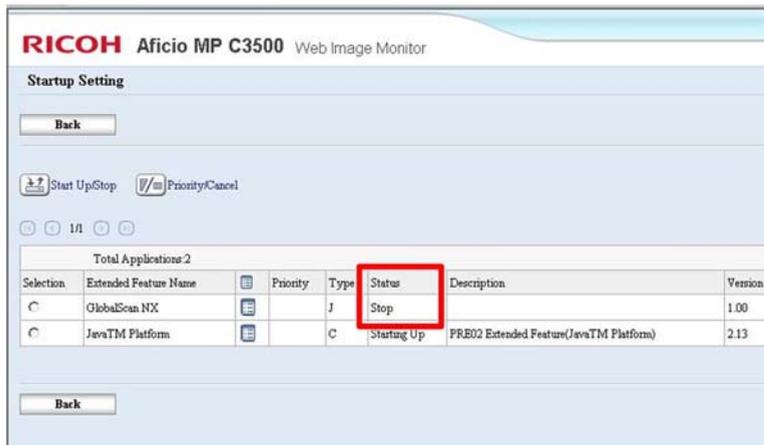
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5. Click "Startup Setting" in the "Extended Feature Settings" section.



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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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7. "Stop" is displayed in the Status column if the GlobalScan NX SDK application is stopped.