To Users of RICOH Smart Device Connector:

Configuring the Machine

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Introduction

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Symbols Used in the Manuals

This manual uses the following symbols:

[ ]
Indicates the names of keys on the machine's display or control panels.

▶

Indicates the key sequence order you should perform using the control panel.

Example:

Select [System] ▶ Press [OK]

(Select [System], and then press the [OK] key.)

Disclaimer

Contents of this manual are subject to change without prior notice.

To the maximum extent permitted by applicable laws, in no event will the manufacturer be liable for any damages whatsoever arising out of failures of this machine, losses of the registered data, or the use or non-use of this product and operation manuals provided with it.

Make sure that you always copy or have backups of the data registered in this machine. Documents or data might be erased due to your operational errors or malfunctions of the machine.

In no event will the manufacturer be responsible for any documents created by you using this machine or any results from the data executed by you.

Notes

The manufacturer shall not be responsible for any damage or expense that might result from the use of parts other than genuine parts from the manufacturer with your office products.

For good output quality, the manufacturer recommends that you use genuine toner from the manufacturer.

Some illustrations in this manual might be slightly different from the machine.

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What is RICOH Smart Device Connector?

RICOH Smart Device Connector is an application that links your smart device to the machine and enables you to perform various operations from your smart device.

- By using RICOH Smart Device Connector, you can operate the machine from your smart device.

- Before using RICOH Smart Device Connector, install the app on your smart device.

- By reading the QR code printed on the machine, you can link your smart device with the machine and use it.

- You can configure print, scan, fax, and copy settings beforehand from your smart device.

- You can store the print, scan, fax, and copy settings on your smart device, and apply them when needed.

- You do not need to operate the machine's control panel to configure print, scan, fax, or copy settings.
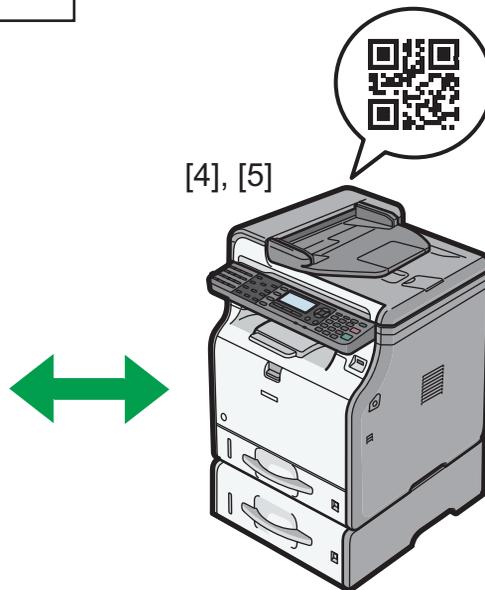
Preparing To Use RICOH Smart Device Connector

The following section describes the preparation procedures to use RICOH Smart Device Connector.

For details, see page 7 "Downloading RICOH Smart Device Connector" and page 9 "To Administrators".

1. **Access the RICOH Smart Device Connector Web site.**
2. **Navigate to the download page of RICOH Smart Device Connector.**
3. **Install RICOH Smart Device Connector on your smart device.**
4. **Configure the machine to link with smart devices.**
5. **Configure and print the QR code on the machine.**

[1], [2]

[3]

[4], [5]

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Downloading RICOH Smart Device Connector

To use RICOH Smart Device Connector, access the RICOH Smart Device Connector Web site, download the software, and install it on your smart device.

1. **Access the Web site by entering "http://www.ricoh.com/software/connector/" in the address bar of your web browser.**
   Alternatively, read the following QR code to access the web site.

2. **Tap the appropriate download button according to the type of your smart device.**

   Android devices: Google Play button

   iOS devices: App Store button

3. **Follow the instructions on the download page to install RICOH Smart Device Connector on your smart device.**

Operating Systems for Supported Smart Devices

The operating systems for supported smart devices and the system versions are as follows:

Android devices: 4.0 or later

iOS devices: 7.0.6 or later

2. To Administrators

Preparing the Machine for Use with RICOH Smart Device Connector

To connect a machine with RICOH Smart Device Connector, install a device certificate on the machine, and enable the SSL/TLS setting.

Creating and Installing a Device Certificate

Create and install the device certificate using Web Image Monitor. For details about the displayed items and selectable items, see Web Image Monitor Help.

The following procedure explains how to use self-signed certificates. To configure settings to use a certificate issued by a certificate authority, see "Security Guide" in the manual of the machine.

1. **Log in as the administrator from Web Image Monitor.**
2. **Click [Configuration].**
3. **Click [Device Certificate] under "Security".**
4. **Check the radio button next to the number of the certificate you want to create.**
5. **Click [Create].**
6. **Make the necessary settings.**
7. **Click [OK].**
8. **Click [OK].**
9. **If a security warning dialog box appears, check the details, and then click [OK].**

   "Installed" appears under "Certificate Status" to show that a device certificate for the machine has been installed.

Enabling SSL/TLS

After installing the device certificate in the machine, enable the SSL/TLS setting.

This procedure is used for a self-signed certificate or a certificate issued by a certificate authority.

1. **Log in as the administrator from Web Image Monitor.**
2. **Click [Configuration].**
3. **Click [SSL/TLS] under "Security".**
4. **Click [Active] for the protocol version used in "SSL/TLS".**

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5. **Select [Ciphertext Priority] or [Ciphertext/Cleartext] under "Permit SSL/TLS Communication".**

   If you are using HTTP connection, select [Ciphertext/Cleartext]. If you are using HTTPS connection, select [Ciphertext Priority].

   - Ciphertext/Cleartext

     Communicates with or without encryption, according to the setting.

   - Ciphertext Priority

     Performs encrypted communication if encryption is possible. If encryption is not possible, the machine communicates without it.

6. **Click [OK].**

7. **Click [Network Security] under "Security".**

8. **Select [Active] under "TLS1.0" or/and "SSL3.0"**

9. **Under "Encrypted Communication Settings", specify the strength of encryption to be applied for "AES", "3DES", and/or "RC4". You must select at least one check box.**

   Note that the availability of encryption strengths will vary depending on the settings you have specified for "TLS1.0", or "SSL3.0". However, do not enable only "SSL3.0". Data leaks may occur.

10. **Click [OK].**

11. **Log out.**

Configuring the QR Code

A QR code is used to link a smart device to the machine. Specify the information to be embedded in the QR code.

The following section explains how to enable HTTPS connection. Enabling HTTPS connection between the machine and the smart device enhances communication security, but it may reduce the connection speed.

Press the [User Tools] key, and then select the setting items using the [▼] or [▲] key.

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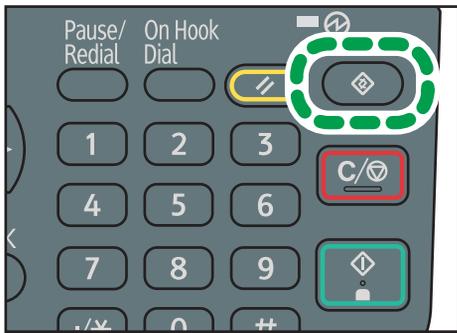
1. **Select [System Settings]** ▶ **Press [OK]**
2. **Select [Administrator Tools]** ▶ **Press [OK]**
3. **Select [QR Code Settings]** ▶ **Press [OK]**
4. **Select [HTTPS Connection]** ▶ **Press [OK]**
5. **Select [Use]** ▶ **Press [OK]**
6. **Press [User Tools]**

Printing the QR Code

Place the printed QR code at a position that can be easily scanned with the camera of the smart device.

Press the [User Tools] key, and then select the setting items using the [▼] or [▲] key.

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1. **Select [System Settings]** ▶ **Press [OK]**
2. **Select [QR Code Print]** ▶ **Press [OK]**
3. **Select [Print]**