

Additional Functions

User's Guide



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About this guide

This guide describes the newly added or changed functions of this machine.





Various Additional Functions

1 Various Additional Functions

1.1 Installing the Windows Printer Driver

On this machine on which new functions have been added, changes have been made to the printer driver installation procedure. When installing the printer driver using the installer, follow the procedure shown below.

Installation procedure (network connection)

Install the printer driver using the installer.

- ✓ Administrator privileges are required to perform this task.
- 1** Insert the printer driver DVD into the DVD drive of the computer.
 - Make sure that the installer starts, and then go to Step 2.
 - If the installer does not start, open the printer driver folder on the DVD, double-click [Setup.exe] (in the 32-bit environment) or [Setup64.exe] (in the 64-bit environment), and then go to Step 2.
 - If the [User Account Control] window appears, click [Continue] or [Yes].
- 2** Select the [Agree the Software End User License Agreement.] check box.
- 3** Select [Install printers/MFPs] in [Select menu to setup], and click [Next].
Connected printers are detected.
- 4** Select this machine from the list of detected printers.
 - If this machine is not detected, restart it.
 - Among the connected printers, only the target model is automatically detected and displayed. If multiple target models are displayed, check the IP addresses.
You can check the IP address of this machine in the screen that is displayed by tapping [Utility] - [Device Information].
 - If the connection to this machine cannot be recognized, it is not displayed in the list. In this case, select [Specify manually.] to manually specify the IP address and host name of this machine.



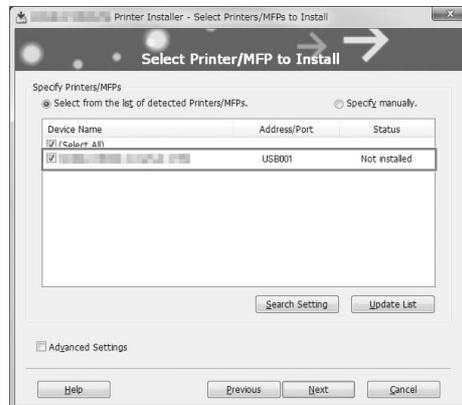
- 5** As needed, specify the default print type and the type of the printer driver you want to install.
 - When specifying the type of the printer driver you want to install, select the [Advanced Settings] check box, and also select the check box of the printer driver you want to install in [Components to Be Installed]. For features of each printer driver, refer to the User's Guide. The PCL driver is installed by default.
 - In [Print Type Default Setting], you can select whether to install the driver that has 2-sided printing specified as the default, or to install the driver that has 1-sided printing specified as the default. By default, the driver that has 2-sided printing specified as the default is installed.

- 6 Click [Next].
- 7 Check the items to be installed, and click [Install].
- 8 Change the printer name or print a test page if necessary, then click [Finish].
This completes the installation process of the printer driver.

Installation procedure (USB connection)

Install the printer driver using the installer.

- ✓ Administrator privileges are required to perform this task.
- 1 Connect a USB cable to the USB port of this machine.
 - For details on the cable connection port, refer to the User's Guide.
 - If a wizard screen appears to add new hardware, click [Cancel].
 - 2 Insert the printer driver DVD into the DVD drive of the computer.
 - Make sure that the installer starts, and then go to Step 3.
 - If the installer does not start, open the printer driver folder on the DVD, double-click [Setup.exe] (in the 32-bit environment) or [Setup64.exe] (in the 64-bit environment), and then go to Step 3.
 - If the [User Account Control] window appears, click [Continue] or [Yes].
 - 3 Select the [Agree the Software End User License Agreement.] check box.
 - 4 Select [Install printers/MFPs] in [Select menu to setup], and click [Next].
Connected printers are detected.
 - 5 Select this machine from the list of detected printers.



- 6 As needed, specify the default print type and the type of the printer driver you want to install.
 - When specifying the type of the printer driver you want to install, select the [Advanced Settings] check box, and also select the check box of the printer driver you want to install in [Components to Be Installed]. For features of each printer driver, refer to the User's Guide. The PCL driver is installed by default.
 - In [Print Type Default Setting], you can select whether to install the driver that has 2-sided printing specified as the default, or to install the driver that has 1-sided printing specified as the default. By default, the driver that has 2-sided printing specified as the default is installed.
- 7 Click [Next].
- 8 Check the items to be installed, and click [Install].
- 9 Change the printer name or print a test page if necessary, then click [Finish].
This completes the installation process of the printer driver.

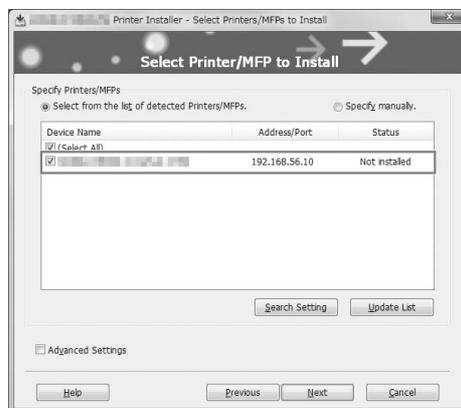
1.2 Installing the Fax Driver

On this machine on which new functions have been added, changes have been made to the fax driver installation procedure. When installing the fax driver, follow the procedure shown below.

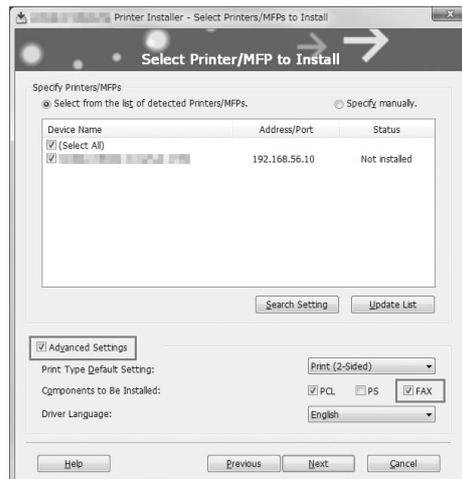
Installation procedure (network connection)

Install the fax driver on the PC by using the installer.

- ✓ Administrator privileges are required to perform this task.
- 1** Insert the fax driver DVD into the DVD drive of the PC.
 - Make sure that the installer starts, and then go to Step 2.
 - If the installer does not start, open the printer driver folder on the DVD, double-click [Setup.exe] (in the 32-bit environment) or [Setup64.exe] (in the 64-bit environment), and then go to Step 2.
 - If the [User Account Control] window appears, click [Continue] or [Yes].
- 2** Select the [Agree the Software End User License Agreement.] check box.
- 3** Select [Install printers/MFPs] in [Select menu to setup], and click [Next].
Connected printers are detected.
- 4** Select this machine from the list of detected printers.
 - If this machine is not detected, restart it.
 - Among the connected printers, only the target model is automatically detected and displayed. If multiple target models are displayed, check the IP addresses.
You can check the IP address of this machine in the screen that is displayed by tapping [Utility] - [Device Information].
 - If the connection to this machine cannot be recognized, it is not displayed in the list. In this case, select [Specify manually.] to manually specify the IP address and host name of this machine.



- 5 Select the [Advanced Settings] check box, and check that the [FAX] check box is selected in [Components to Be Installed].



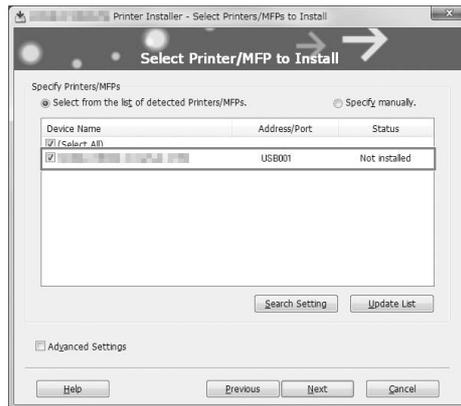
- 6 Click [Next].
- 7 Check the items to be installed, and click [Install].
- 8 Change the printer name or print a test page if necessary, then click [Finish].
The fax driver has been installed on the PC.

Installation procedure

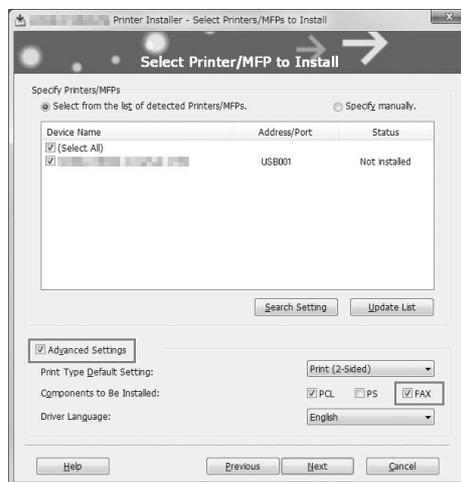
Install the fax driver on the PC by using the installer.

- ✓ Administrator privileges are required to perform this task.
- 1 Connect a USB cable to the USB port of this machine.
 - For details on the cable connection port, refer to the User's Guide.
 - If a wizard screen appears to add new hardware, click [Cancel].
 - 2 Insert the fax driver DVD into the DVD drive of the PC.
 - Make sure that the installer starts, and then go to Step 3.
 - If the installer does not start, open the printer driver folder on the DVD, double-click [Setup.exe] (in the 32-bit environment) or [Setup64.exe] (in the 64-bit environment), and then go to Step 3.
 - If the [User Account Control] window appears, click [Continue] or [Yes].
 - 3 Select the [Agree the Software End User License Agreement.] check box.
 - 4 Select [Install printers/MFPs] in [Select menu to setup], and click [Next].
Connected printers are detected.

- 5 Select this machine from the list of detected printers.



- 6 Select the [Advanced Settings] check box, and check that the [FAX] check box is selected in [Components to Be Installed].



- 7 Click [Next].
- 8 Check the items to be installed, and click [Install].
- 9 Change the printer name or print a test page if necessary, then click [Finish].
The fax driver has been installed on the PC.

1.3 Uninstalling the Windows Printer Driver or Fax Driver

On this machine on which new functions have been added, changes have been made to the driver uninstallation procedure. When uninstalling the driver using the installer, follow the procedure shown below.

- ✓ Administrator privileges are required to perform this task.
- 1** Insert the driver DVD into the DVD drive of the computer.
 - Make sure that the installer starts, and then go to Step 2.
 - If the installer does not start, open the printer driver folder on the DVD, double-click [Setup.exe] (in the 32-bit environment) or [Setup64.exe] (in the 64-bit environment), and then go to Step 2.
- 2** Select the [Agree the Software End User License Agreement.] check box.
- 3** Select [Uninstall Printer Driver] in [Select menu to setup], and click [Next].
- 4** Select the driver you want to delete, then click [Uninstall].
 - From then on, follow the instructions on the pages that follow.
- 5** If a dialog box prompting you to restart the computer appears, click [OK] to restart the computer. This completes the deletion process of the driver.

1.4 macOS 10.13 Printer Driver

The macOS 10.13 printer driver installation method, print functions, and print procedure are the same as for macOS 10.12. Refer to the description of macOS 10.12 in the User's Guide.

1.5 Changing Defaults

Some default settings have been changed in this machine and new functions have been added.

The table below shows the concrete default settings that have been changed.

Settings	Description
[Network] - [SMB Setting] - [Client Setting] - [SMB Authentication Setting] in Web Connection administrator mode	The default was changed to [NTML v1/v2] (however, when new functions are supported by updating firmware, the default is [NTML v1]).
[Utility] - [Administrator Settings] - [Network Settings] - [SMB Settings] - [Client Settings] - [SMB Authentication Setting] on Control Panel	
[Security] - [PKI Settings] - [SSL Setting] - [SSL/TLS Version Setting] in Web Connection administrator mode	The default of [TLSv1.0] was changed to OFF (however, when new functions are supported by updating firmware, the default is ON).
[System Settings] - [Web Browser Setting] - [Detail Setting] - [Security Settings] - [Enable SSL Version] in Web Connection administrator mode	The default of [TLS1.0] was changed to [Disable] (however, when new functions are supported by updating firmware, the default is [Enable]).
Start the Web browser on the Control Panel , and select [Menu] - [Settings] - [Security Settings] - [Enable SSL Version]	The default of [Minimum] in the security level was changed to [TLS1.1] (however, when new functions are supported by updating firmware, the default is [TLS1.0]).

1.6 Web Browser Function

1.6.1 Specifications of web browser

The specifications of the Web browser used on this machine were changed.

The following shows the major specifications.

Item	Specifications
Browser engine	blink
Protocol	HTTP (HTTP/1.1), HTTPS, TCP/IP, WebSocket
Markup language	HTML 4.01, HTML 5, XHTML 1.1/Basic
Style sheet	CSS3.0
Script language	JavaScript 1.7, ECMAScript Edition 3/5/5.1, Ajax (Limited to the JavaScript-supported range only)
DOM	Level 2, Level 3
File type	JPEG, BMP, PNG, GIF, animation GIF, PDF
SSL/TLS version	SSL 3.0, TLS 1.0/1.1/1.2
Character code	Japanese (Shift_JIS), Japanese (ISO-2022-JP), Japanese (EUC-JP), Chinese Simplified (GB18030-0), Chinese Traditional (Big5), Western European (Windows-1252), Unicode (UTF-8)
PDF viewer	PDFium

1.6.2 Operation no longer available with the web browser function

Because the specifications of the Web browser used on this machine were changed, dedicated Web browser settings (My Panel) can no longer be used.

1.7 Selecting the Keyboard

Select the type of the keyboard to display on the **Touch Panel**.

To select the keyboard, select [Utility] - [User Settings] - [System Settings] - [Select Keyboard] on the **Control Panel**.

Settings	Description
[Default Keyboard Settings]	<p>Select the type of the keyboard to display on the Touch Panel.</p> <ul style="list-style-type: none"> [Standard Keyboard]: Displays the US ASCII-based keyboard or JIS-based keyboard. [Local Keyboard]: Displays the keyboard that matches each language. <p>The default value depends on the area the machine is used in.</p>
[Keyboard type]	<p>Select the keyboard to use on the Web browser on the Touch Panel.</p> <ul style="list-style-type: none"> [Type 1]: Displays the keyboard to display on the Touch Panel. [Type 2]: Displays the keyboard in pop-up mode. <p>[Type 2] is specified by default.</p>

1.8 Reducing the Time to Download a Document in a User Box

In **Web Connection**, configure a setting to reduce the time required to download a document in a User Box.

When reducing the time to download a document in a User Box, open **Web Connection**, and select [Box] - [User Box List] - [New Registration] - [User Box Expansion Function] to configure the setting.

When using an existing User Box, select [Box] - [User Box List] - [Edit] - [User Box Expansion Function is changed.] to configure the setting.

Settings	Description
[Download Time Priority Settings]	Select whether to enable processing to reduce the time required to download a document in a User Box. [OFF] is specified by default.

Tips

- You can also configure the setting to reduce the time required to download a document in a User Box when registering or editing a User Box by selecting [Utility] - [One-Touch/User Box Registration] - [Create User Box] - [Public/Personal User Box] on the **Control Panel**.
- The following types of documents are not targeted for this setting.
 - Document saved in a User Box by the computer's print function
 - Document saved in a User Box from external memory
 - Document saved in a User Box by using the F code function

1.9 Deleting Documents in the SMB Folder of the Public User Box

When the Share SMB File function is used, files saved in the SMB folder are collectively deleted via the Public User Box.

To delete, select [System Settings] - [User Box Setting] - [Delete Downloaded File] in the **Web Connection** administrator mode, and click [OK].

Tips

- To delete documents in the SMB folder of the Public User Box, you can also select [Utility] - [Administrator Settings] - [System Settings] - [User Box Settings] - [Delete all in SMB folder] on the **Control Panel**.
- To automatically delete documents in the SMB folder of the Public User Box, select [System Settings] - [User Box Setting] - [Document in MFP Shared Folder Delete Time Setting] in the **Web Connection** administrator mode.
- When the function to reduce the time required to download a document in a User Box is enabled, if documents in the SMB folder of the Public User Box are deleted, the files of which the download time is to be reduced are deleted simultaneously.

2

Description Correction and Change in User's Guide

2 Description Correction and Change in User's Guide

2.1 Correction in [Print]

The description of "Printing without Using the Printer Driver" - "Directly Printing from the PC (Direct Print)" - "Direct Print" and "Direct Print procedure" has been corrected as shown below.

File formats available on this machine

Incorrect	Correct
PDF (Ver.1.6)	PDF (Ver.1.5/1.6/1.7)

2.2 Restriction for Installation of NFC Authentication

(Only for models on which [Touch Conn. Link Appl. Settings] is displayed by selecting [Utility] - [Administrator Settings] - [System Connection] - [Mobile Connection Settings] on the **Control Panel**)

When you configure settings to perform NFC authentication using the mobile touch area on the **Control Panel** of this machine by referencing the User's Guide as well as the following information.

If **Mobile Print** is installed on the Android terminal, you cannot select **Mobile Print** in [Touch Conn. Link Appl. Settings] of this machine, which prevents you from registering this machine in **Mobile Print**.

2.3 License Statements

The license statements were added for software components included in this machine.

You can confirm this information on the following website.

<https://generic-products-bt.com/license/3742/>

