

ApeosPort-V 7080 DocuCentre-V 7080
ApeosPort-V 6080 DocuCentre-V 6080

User Guide (For AirPrint)

Thank you for selecting our product.

This guide describes how to operate AirPrint, and provides information on the precautions you should follow during operation. Be sure to read this guide before use.

This guide assumes that you know the basic facts and operation methods of your machine. For information on how to operate the machine, refer to the Administrator Guide or User Guide provided with each machine.

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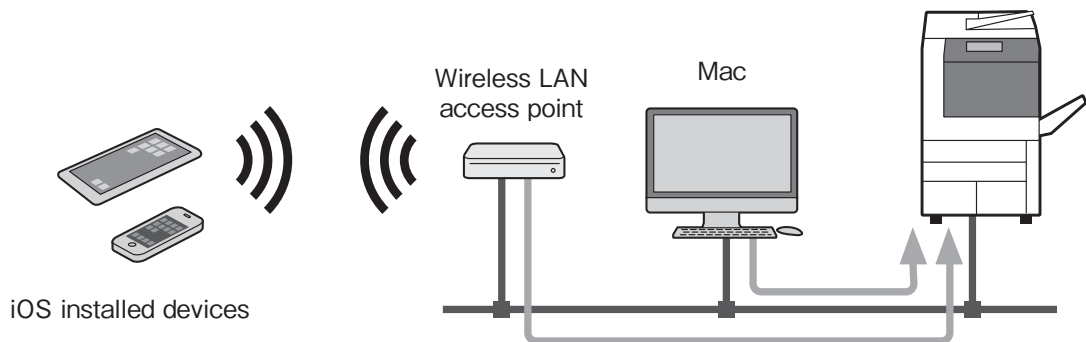
About AirPrint

Overview of AirPrint



AirPrint is a printing service provided by Apple Inc. By using AirPrint, you can request a document print instruction to the machine from OS X computers or iOS installed devices such as iPad/iPhone, without installing any print drivers or special software.

- Note**
- The information about AirPrint herein is as of September 2014. For the latest information, refer to Apple Inc. website.



Operating Environment

This feature operates in the following environment:

Supported Models

This feature supports the following models:

- ApeosPort-V C7775/C6675/C5575/C4475/C3375/C3373/C2275
- DocuCentre-V C7775/C6675/C5575/C4475/C3375/C3373/C2275
- ApeosPort-V C7780/C6680/C5580
- DocuCentre-V C7780/C6680/C5580
- ApeosPort-V 7080/6080
- DocuCentre-V 7080/6080

- Note**
- The models listed above are as of September 2014. They are subject to change without notice.
 - Airprint is supported by the Type 2 (T2) models of ApeosPort-V C7775/C6675/C5575/C4475/C3375/C3373/C2275, DocuCentre-V C7775/C6675/C5575/C4475/C3375/C3373/C2275, ApeosPort-V C7780/C6680/C5580, and DocuCentre-V C7780/6680/5580. For information on how to distinguish the version of models, refer to the User's Guide or Administrator Guide.
 - The products may not be available in some countries.
 - Wi-Fi capable AirPrint printers must be connected to the same home Wi-Fi network as your iOS device or Mac.

Supported Operating Systems

This feature supports the following OS:

- iOS 6, iOS 7 (iPad, iPhone, iPod touch)
- OS X 10.8 Mountain Lion, OS X 10.9 Marvericks (MacBook, MacBook Air, iMac, and others)

Environment Settings

This section explains how to set the environment for using AirPrint.

Machine Settings

This section describes several points that need to be set by system administrator. Check the proper settings below from [Tools] before you enable AirPrint.

■ Port Settings

- Set [System Settings] > [Connectivity & Network Setup] > [Port Settings] > [Bonjour] > [Bonjour Port Status] to [Enabled]*.
- Set [System Settings] > [Connectivity & Network Setup] > [Port Settings] > [IPP] > [IPP Port Status] to [Enabled]*.

* [Enabled] is selected by factory default.

■ Protocol Settings

- Set IP address, subnet mask, and gateway address from [System Settings] > [Connectivity & Network Setup] > [Protocol Settings] to use the machine in TCP/IP environment.

■ Security Settings

- Set server certificate verification or port number from [System Settings] > [Connectivity & Network Setup] > [Security Settings] to communicate in SSL with the machine.

Note • Set these items if communicating in SSL.

CentreWare Internet Services Settings

AirPrint Setting

AirPrint setting is required when your machine uses AirPrint.

- 1 Start a web browser from a network connected computer.
- 2 Enter the machine's IP address into the address box on the browser, and then press the <Enter> key. Connection to CentreWare Internet Services is established.

Note • During connection/operation, pop-up screen for user ID/passcode entry may appear. In this case, enter a system administrator's user ID/passcode and click [OK].

- 3 Select the [Properties] tab > [Connectivity] > [Protocols] > [AirPrint].
- 4 Configure the following settings and click [Apply].

Items		Contents
General	AirPrint	Check the checkbox to enable AirPrint. Note • The checkbox is checked by factory default.

Items		Contents
Bonjour	Printer Name	Enter the name of the machine up to 62 single-byte characters.
	Location	Enter the device location up to 255 single-byte characters.
	Geographical Coordinates	Enter the longitude and latitude of the place where the machine is. Enter the longitude between -90.000000 and 90.000000, and the latitude between -180.000000 and 180.000000.
IPP Authentication	Basic Authentication	Check the checkbox to use the IPP authentication.
	User Name	Enter the name of the user who is allowed to use Airprint. Enter the name of the machine up to 32 single-byte characters
	Password	Type the password up to 32 single-byte characters.
	Retype Password	Retype the password up to 32 single-byte characters.
SSL/TLS Settings	HTTP - SSL/TLS Communication	Check the checkbox to encrypt the HTTP communication to send print jobs. Important • This item is displayed only when the [Machine Digital Certificate Management] setting is configured.
Machine Digital Certificate	Machine Digital Certificate Management	This item is required to be set to enable the HTTP - SSL/TLS communication. Click the [Settings] button to display the [Machine Digital Certificate Management] screen. On this screen, you can create a certificate or import a certificate created on external tool or organization. For information on how to configure the setting, refer to the help of CentreWare Internet Services.
Consumables	Consumables	Click the [Check Status] button to display the [Consumables] screen. For more information on the [Consumables] screen, refer to the help of CentreWare Internet Services.
Print Job Handling when Data Error Occurs	Print Job Handling when Data Error Occurs	Configure the way to handle the error of AirPrint data. Select [Cancel Print Job] or [Force Print Job].

- 5 Rebooting request is displayed on the web browser. Click [Reboot Machine].
- 6 Click [OK] in the confirmation screen. The machine will reboot, and the settings will be reflected.

When Using Different Networks (For OS X only)

Wide-Area Bonjour setting is required when your machine and the computer are using different networks, and are communicating via router.

This section describes how to make Wide-Area Bonjour settings to the machine.

- Note**
- This setting is unnecessary when the machine and the computer are using the same network.
 - For information on how to make settings for OS X or DNS server, check with your network administrator.

- 1 Start a web browser from a network connected computer.
- 2 Enter the machine's IP address into the address box on the browser, and then press the <Enter> key. Connection to CentreWare Internet Services is established.

Note

 - During connection/operation, pop-up screen for user ID/passcode entry may appear. In this case, enter a system administrator's user ID/passcode and click [OK].
- 3 Select the [Properties] tab > [Connectivity] > [Protocols] > [Bonjour]. Then check [Enabled] in [Wide-Area Bonjour], and click [Apply].
- 4 Rebooting request is displayed on the web browser. Click [Reboot Machine].
- 5 Click [OK] in the confirmation screen. The machine will reboot, and the settings will be reflected.
- 6 Select the [Properties] tab > [Connectivity] > [Protocols] > [TCP/IP]. Then make the following settings, and click [Apply].
 - DNS Server Address: Your DNS server address
 - DNS Domain Name: Your DNS domain name
 - Dynamic DNS Registration (IPv4/IPv6): Enabled
- 7 Rebooting request is displayed on the web browser. Click [Reboot Machine].
- 8 Click [OK] in the confirmation screen. The machine will reboot, and the settings will be reflected.

Computer Settings (For OS X only)

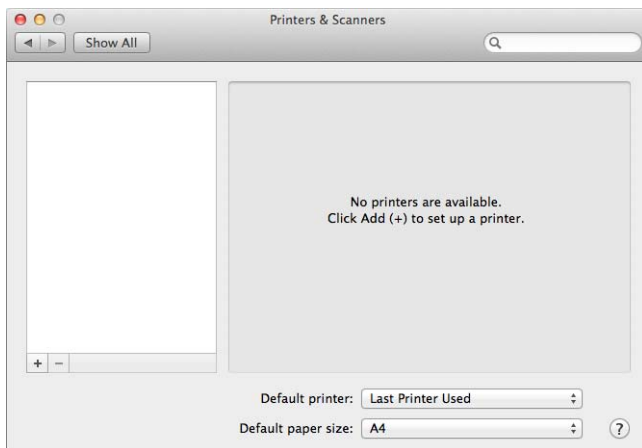
The machine must be registered to the computer before printing with AirPrint.

This section describes how to register the machine to the computer.

- 1 From a network connected OS X computer, select the [Apple] menu > [System Preferences].
- 2 Select [Printers & Scanners].



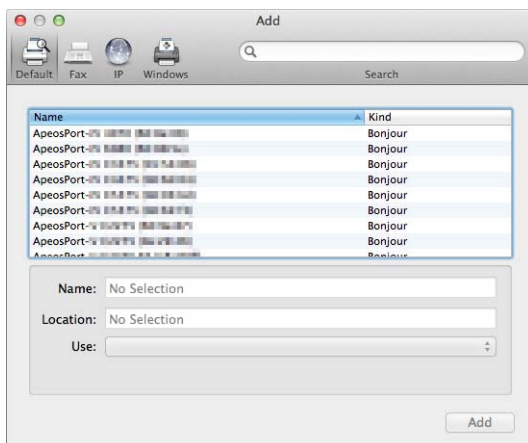
3 Click [+] (Add).



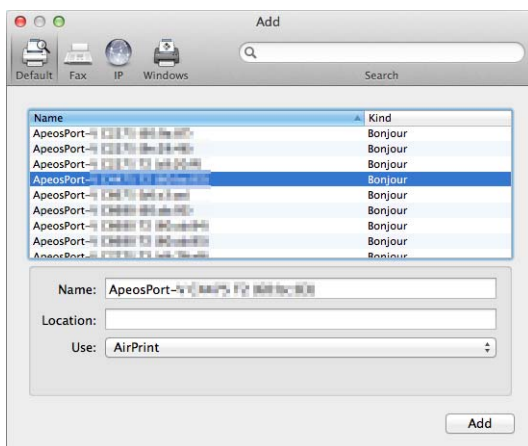
Note • If a drop-down menu is shown when you click [+] (Add), select [Add Printer or Scanner].

4 Select the machine from the [Name] list.

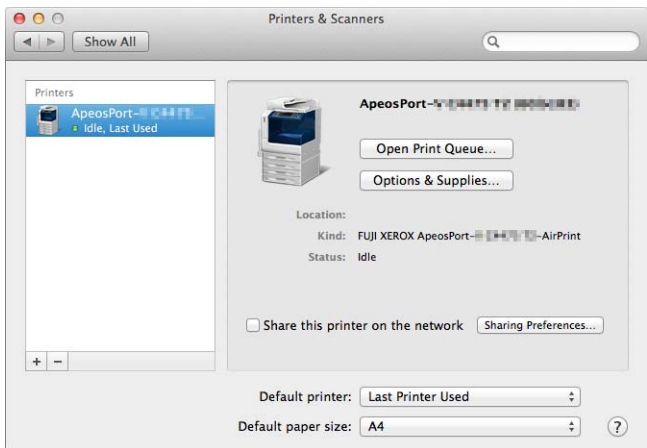
Note • Printers in the network are searched automatically and listed in the [Name] list. If the machine is not in the list, check the network settings of the machine and the computer.



5 Select [AirPrint] for [Use], and click [Add].



The machine is added to [Printers] in the [Printers & Scanners] screen.



Printing

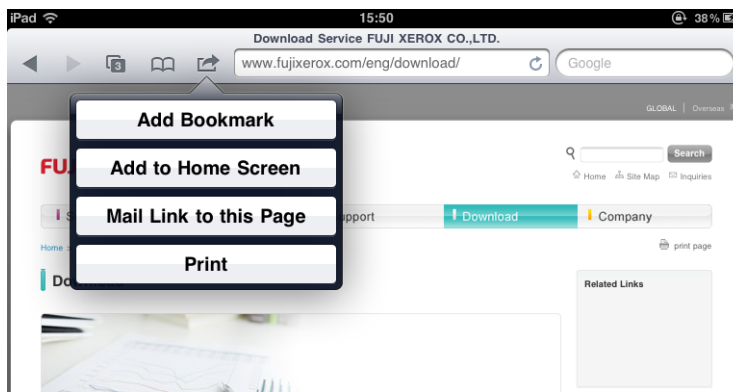
This section describes how to use AirPrint with the machine.

Printing from iOS

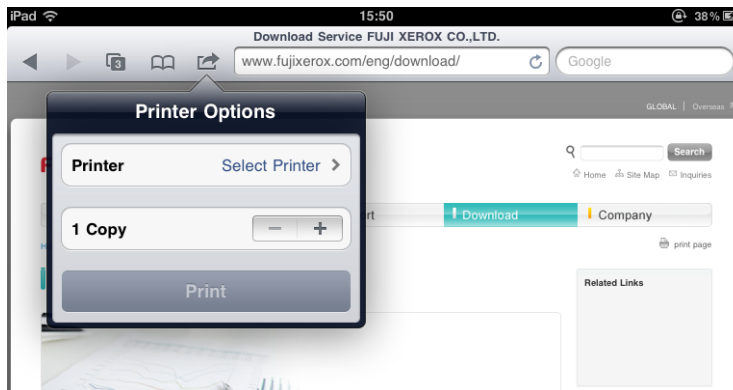
This section describes how to request a print instruction from iOS (iOS 6, Safari 6.0), taking iPad for example.

Note • The actual user interface may vary depending on your application.

- 1 Open the document you want to print.
- 2 From the [] menu, select [Print].



- 3 Tap [Select Printer].



- 4 Select the machine.



5 Confirm the print settings, and tap [Print].

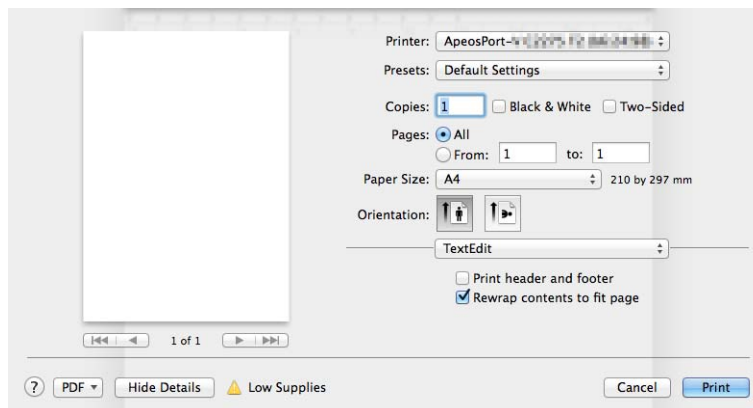


Note • Setting items vary by applications.

Printing from OS X

This section describes how to request a print instruction from OS X.

- 1 Open the document you want to print.
- 2 From the [File] menu, select [Print].
- 3 Select the machine from [Printer]. Confirm the print settings, and click [Print].



Note • You can only select the print settings available for the machine.

Problem Solving

Problems on Selecting the Printer

Symptom	Cause and Remedy
The machine is not shown in the printer list.	<p>[Cause] The computer could not connect to the network.</p> <p>[Remedy] Check the network settings for the machine and iOS/OS X.</p>
	<p>[Cause] Bonjour and IPP port are disabled.</p> <p>[Remedy] Check the port settings from [System Settings] > [Connectivity & Network Setup].</p>
	<p>[Cause] AirPrint is disabled.</p> <p>[Remedy] Connect to CentreWare Internet Services and check the checkbox for AirPrint under the [Properties] tab > [Connectivity] > [Protocols] > [AirPrint].</p> <p>For information on how to enable AirPrint for the machine, refer to "AirPrint Setting" (P.5).</p>
	<p>[Cause] When requesting a print instruction from an OS X, the computer and the machine used different networks.</p> <p>[Remedy] Use the same network for the computer and the machine. When communicating via router, enable Wide-Area Bonjour for the computer and the machine.</p> <p>For information on how to enable Wide-Area Bonjour for the machine, refer to "When Using Different Networks (For OS X only)" (P.6).</p> <p>For information on how to make settings for OS X or DNS server, check with your network administrator.</p>

Problems on Printing

Symptom	Cause and Remedy
Unable to print.	<p>[Cause] Charge Print or Private Charge Print is set to the machine.</p> <p>[Remedy] Charge Print or Private Charge Print cannot be used with this feature. Change the machine settings.</p>

Error Code

An error code is displayed when an error occurs while using this feature.

Refer to the error codes in the following table to resolve problems.

Note • If an error code is displayed, any print data remaining in the machine and information stored in the machine's memory are not secured.

For the error codes not in the following table, refer to the Administrator Guide.

Error Code	Cause and Remedy
017-734	[Cause] An internal error occurred while AirPrint processing. [Remedy] Try printing from a print driver or software other than AirPrint. If the problem remains, contact our Customer Support Center.

Notes and Restrictions

This section describes notes and restrictions to observe when using this feature.

■ Notes and Restrictions on Printing

- Charge Print or Private Charge Print cannot be used with this feature.
- With this feature, characters and images may be distorted in the printouts due to AirPrint specifications.
- A job printed with this feature is shown as "IPP" on Job History Report. Job information is shown as "PDF" or "URF" on the report.

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Fuji Xerox Co., Ltd.

ME7207E2-1(Edition 1)
September 2014
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