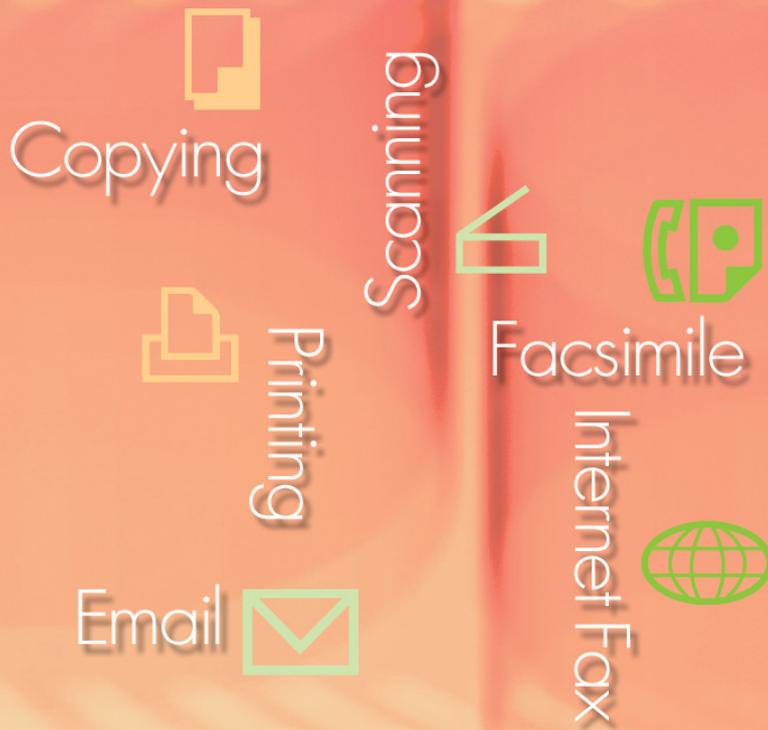


## Operating Instructions Software (Direct Printing System) For Digital Imaging Systems

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# Table of Contents

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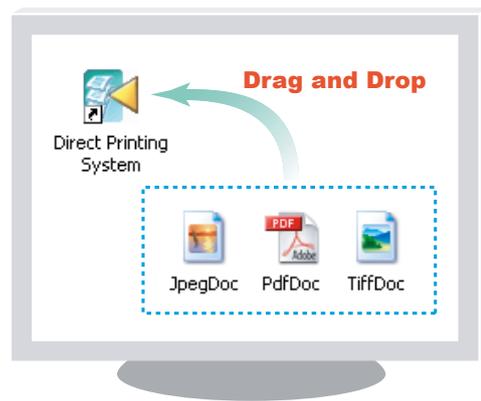
<b>General Description .....</b>	<b>4</b>
<b>System Requirements .....</b>	<b>6</b>
<b>Using Direct Printing System.....</b>	<b>8</b>
■ Basic Operations .....	8
<b>Direct Printing System Setup.....</b>	<b>12</b>
■ Direct Printing System Window .....	12
■ Option Settings.....	14
■ Device Selection.....	16
■ Searching Devices .....	18
<b>Appendix.....</b>	<b>20</b>
■ Supported Files .....	20
■ Software Version and Supported Models.....	21
■ Troubleshooting.....	22

## General Description

The Direct Printing System software is used to output JPEG, TIFF, or PDF files from a computer to your machine(s) directly, using simple drag and drop operation. As the files are printed directly, bypassing the Windows printer driver, the software does not only allow printing to be performed simply, it also gives the user access to functions such as Delivery Printing, and Parallel Printing by selecting which machines to use.

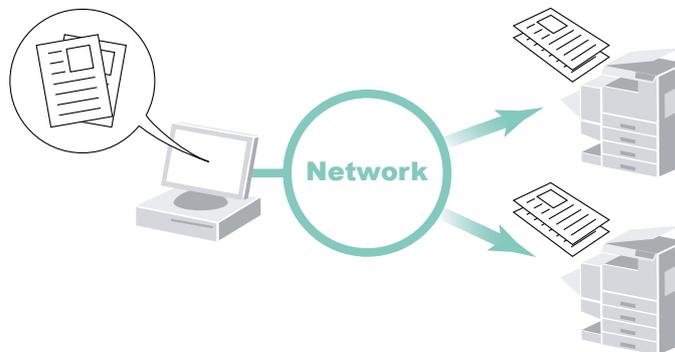
### . Drag-and-Drop Printing

JPEG, TIFF, or PDF files can be printed simply by dragging and dropping them on the Direct Printing System icon on the desktop.



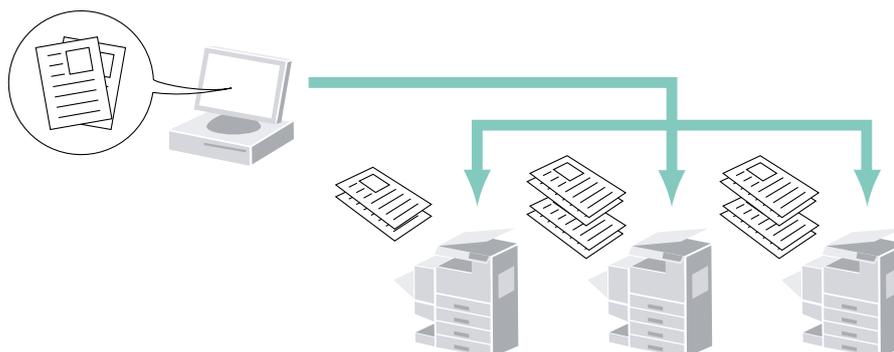
### . Delivery Printing

By registering machines in the Direct Printing System, documents can be distributed to the machines in other departments via the network.



### . Parallel Printing

By registering machines in the Direct Printing System, documents can be printed to a number of the machines simultaneously. This makes printing faster when printing multiple copies of the same document.



The Direct Printing System is a quick and easy way to print files in formats such as JPEG, TIFF, and PDF\*.

- Easy to use

Just drag-and-drop the file, or files you want to print on the Direct Printing System icon, and select the printer device(s) to start printing.

- Parallel printing finishes print jobs more quickly

Because the Direct Printing System can print multiple files (up to 10 files) to multiple devices (up to 8 devices) at the same time, you can quickly print a number of files at once.

- The operation when used for the first time is slightly different to the operation at subsequent times.

Please use the software as described in the "Basic Operations" on page 8.

**Note:**

\* *The Printer Controller Module (for Adobe® PostScript® 3™) is required to print the PDF files.*

*(For DP-C406/C306/C266 or DP-C405/C305/C265, the Printer Controller Module (for Adobe® PostScript® 3™) is not required for the PDF files scanned by the device.)*

# System Requirements

- Personal Computer : IBM® PC/AT® and compatibles (CPU Intel® Pentium® 4 1.6 GHz or greater is recommended)
- Operating System : Microsoft® Windows® 2000 operating system (Service Pack 4 or later)\*<sup>1</sup>, Microsoft® Windows® XP operating system (Service Pack 2 or later)\*<sup>2</sup>, Microsoft® Windows Server® 2003 operating system (Service Pack 1 or later)\*<sup>3</sup>, Microsoft® Windows Vista® operating system\*<sup>4</sup>, Microsoft® Windows Server® 2008 operating system\*<sup>5</sup>.

\*The following Operating System is not supported :

Microsoft® Windows Server® 2003 Enterprise Edition for Itanium®-based systems,  
Microsoft® Windows Server® 2008 Enterprise Edition for Itanium®-based systems.

- Application Software: Microsoft® Internet Explorer® 6.0 Service Pack 1 or later,  
Microsoft® .NET Framework Version 2.0,  
.NET Framework Version 2.0 Language Pack .
- System Memory : Recommended Memory for each OS:
  - Microsoft® Windows® 2000 operating system : 256 MB or more
  - Microsoft® Windows® XP operating system : 512 MB or more
  - Microsoft® Windows Server® 2003 operating system
  - Microsoft® Windows Vista® operating system : 1 GB or more
  - Microsoft® Windows Server® 2008 operating system
- Free Disk Space : 300 MB or more (For installation and work space, not including storage space)
- CD-ROM Drive : Used for installing the software and utilities from the CD-ROM
- Interface : 10Base-T/100Base-TX/1000Base-T Ethernet Port, USB Port, Parallel Port  
(The interface that can be used is different depending on the model)

\*1 Microsoft® Windows® 2000 operating system (hereafter Windows 2000)

\*2 Microsoft® Windows® XP operating system (hereafter Windows XP)

\*3 Microsoft® Windows Server® 2003 operating system (hereafter Windows Server 2003)

\*4 Microsoft® Windows Vista® operating system (hereafter Windows Vista)

\*5 Microsoft® Windows Server® 2008 operating system (hereafter Windows Server 2008)

# Memo

# Basic Operations

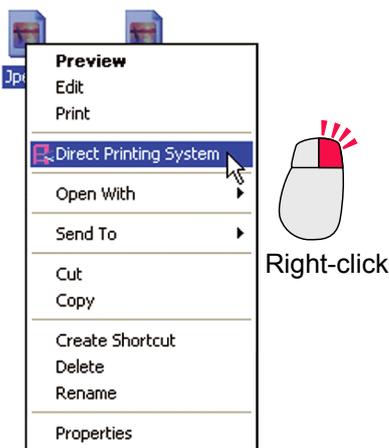
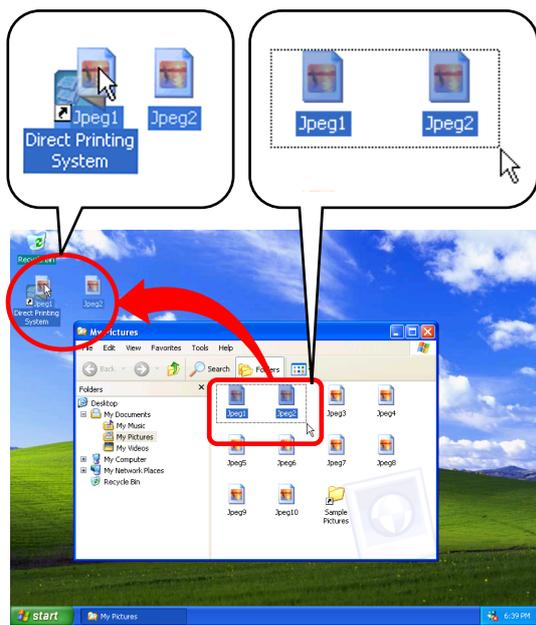
1 Select the files (up to 10) you want to print.

Drag-and-Drop the files onto the  icon on the Windows desktop.

or

Right-click on the files, and select the **Direct Printing System** menu.

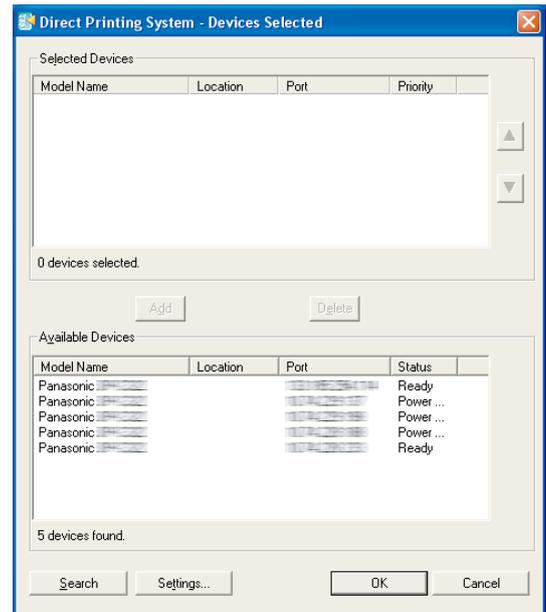
Drag-and-Drop



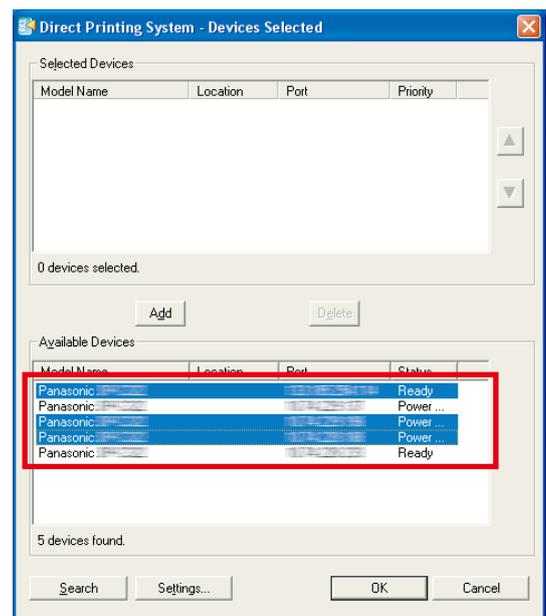
2 The **Devices Selected** window is launched. The printer device(s) connected on your Network are searched and displayed in the **Available Devices** list.

**Note:**

- If the printer device(s) have already been selected, skip to the step 6 on page 9.
- (For DP-C406/C306/C266)  
If the desired device does not appear on the Available Devices list, confirm the Community Name set in the Device Explorer. Refer to "Operating Instructions (For Device Explorer and Embedded Web Server)".



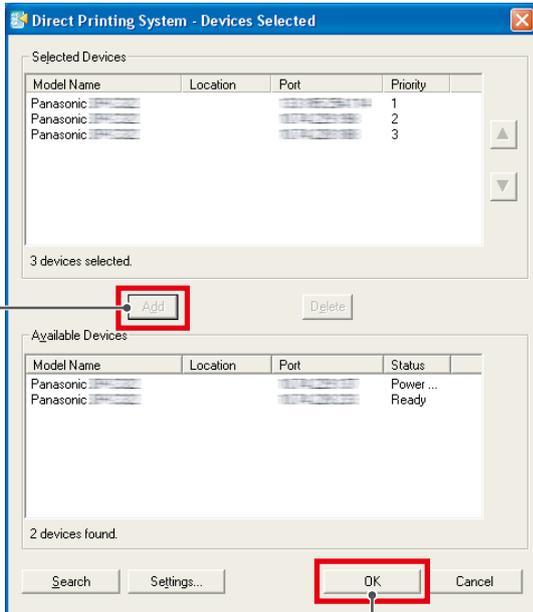
3 Select the devices (up to 8 devices) from the **Available Devices** list, on which you wish to print the files to.



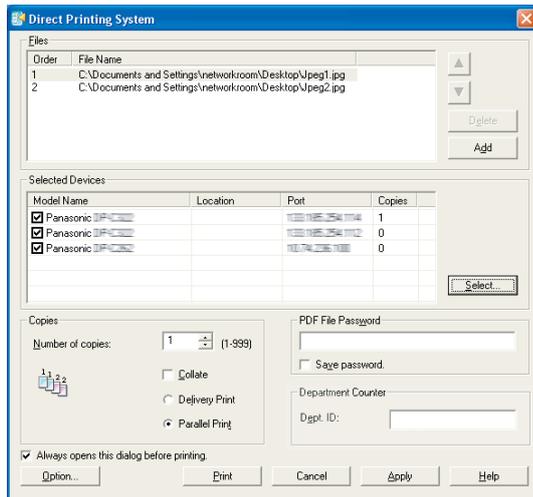
4 1. Click the **Add** button.

The selected devices are moved from the Available Devices list onto the **Selected Devices** list.

2. Click the **OK** button.

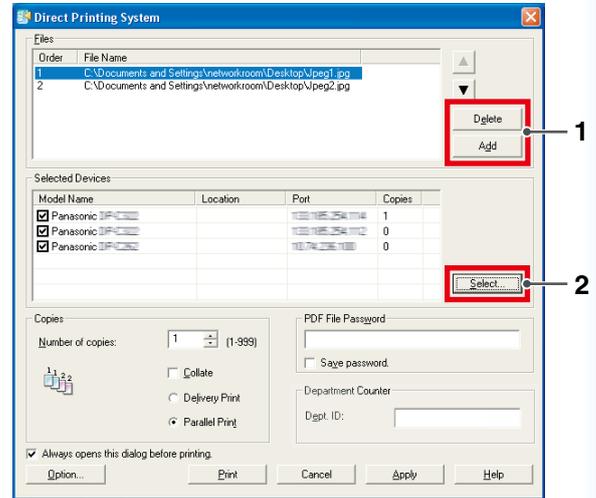


5 The **Direct Printing System** window launches.

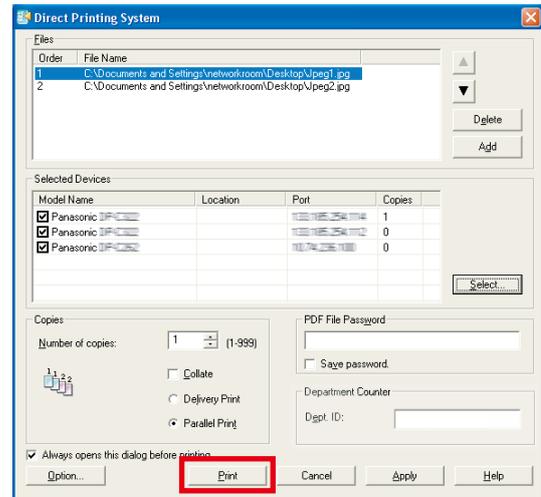


6 1. Click the **Add** or **Delete** button when changing which files to print.

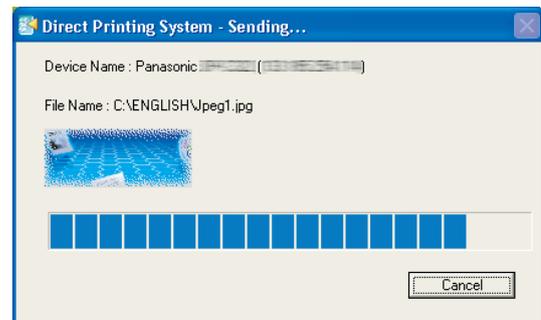
2. Click the **Select...** button when changing the printing devices.



7 Click the **Print** button.



The files are sent to the devices to start printing.



**Note:**

To close this window automatically after sending the files, select **Close Sending dialog automatically after sending** on the **Result** window of step 8.

Continued on the next page...

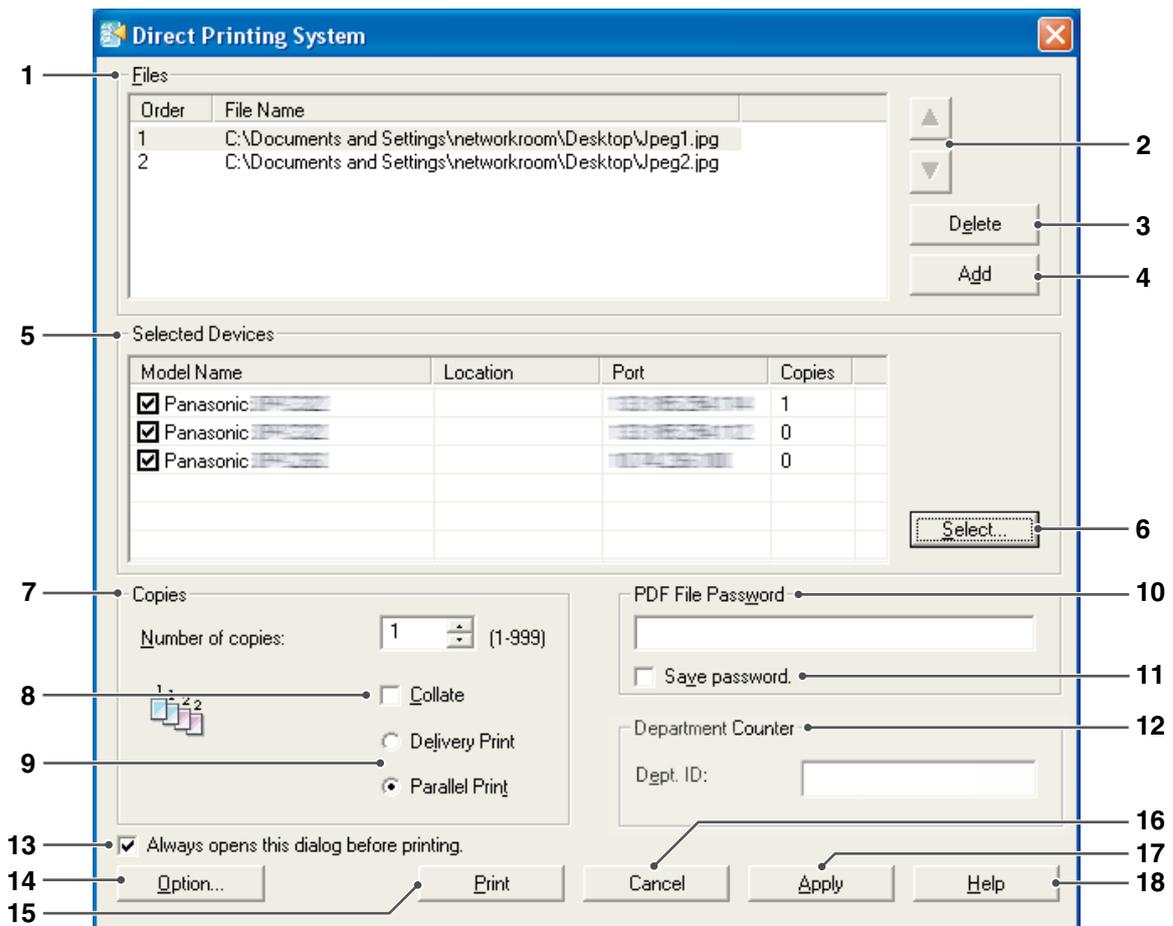


# Memo

# Direct Printing System Window

The **Direct Printing System** window is the main window used to control the printing operations. Various windows used to setup the **Direct Printing System** can be opened from the **Direct Printing System** window. This section describes those operations that are not covered in the Basic Operations.

To open the **Direct Printing System** window, double click the  icon on the desktop, or select **Panasonic** → **Direct Printing System** → **Direct Printing System** in the **Programs** folder of the **Start** menu.



## 1. Files

Lists the print files.



Moves the selected print files up or down in the list in order to change their print priority.



Deletes the selected print file(s).



Opens a dialog box to add selected file(s) to the list. (Up to 10 files)

## 5. Selected Devices

Lists the selected print devices.



Opens the **Devices Selected** window to specify the printer devices. (See page 16 for details)

## 7. Copies

Displays the number of copies for each device.

## 8. Collate

If you have selected more than one copy, specify whether you want the copies to be collated.

### Note:

*This feature is only enabled when printing a multi-page TIFF or PDF file.*

9. **Delivery Print / Parallel Print**

Specify whether to print the files with **Delivery Print** or **Parallel Print** mode.

The modes are available only when multiple devices are selected.

• **Delivery Print**

Print the same number of copies on all selected devices.

• **Parallel Print**

Share the number of copies with multiple devices, and print them simultaneously.

The number of copies for each device is automatically assigned when entering the **Number of copies**.

10. **PDF File Password**

Enter the password, if the PDF file requires a password to print.

11. **Save password**

Specify whether you want to save the password when printing all PDF files.

12. **Department Counter**

If the printer has been set up with **Department Codes**, the **Dept. ID** must be provided before printing. (Printing is not permitted without an ID.) Enter the **Dept. ID** assigned by the administrator.

13. **Always opens this dialog before printing**

Specify whether to open the **Direct Printing System** window before sending files to the specified devices.

14.

Opens the **Option** window. (See page 14 for details.)

15.

Starts to print the files with the specified settings.

16.

Cancels the current settings and closes the **Direct Printing System** window.

17.

Saves the current **Direct Printing System** window settings.

18.

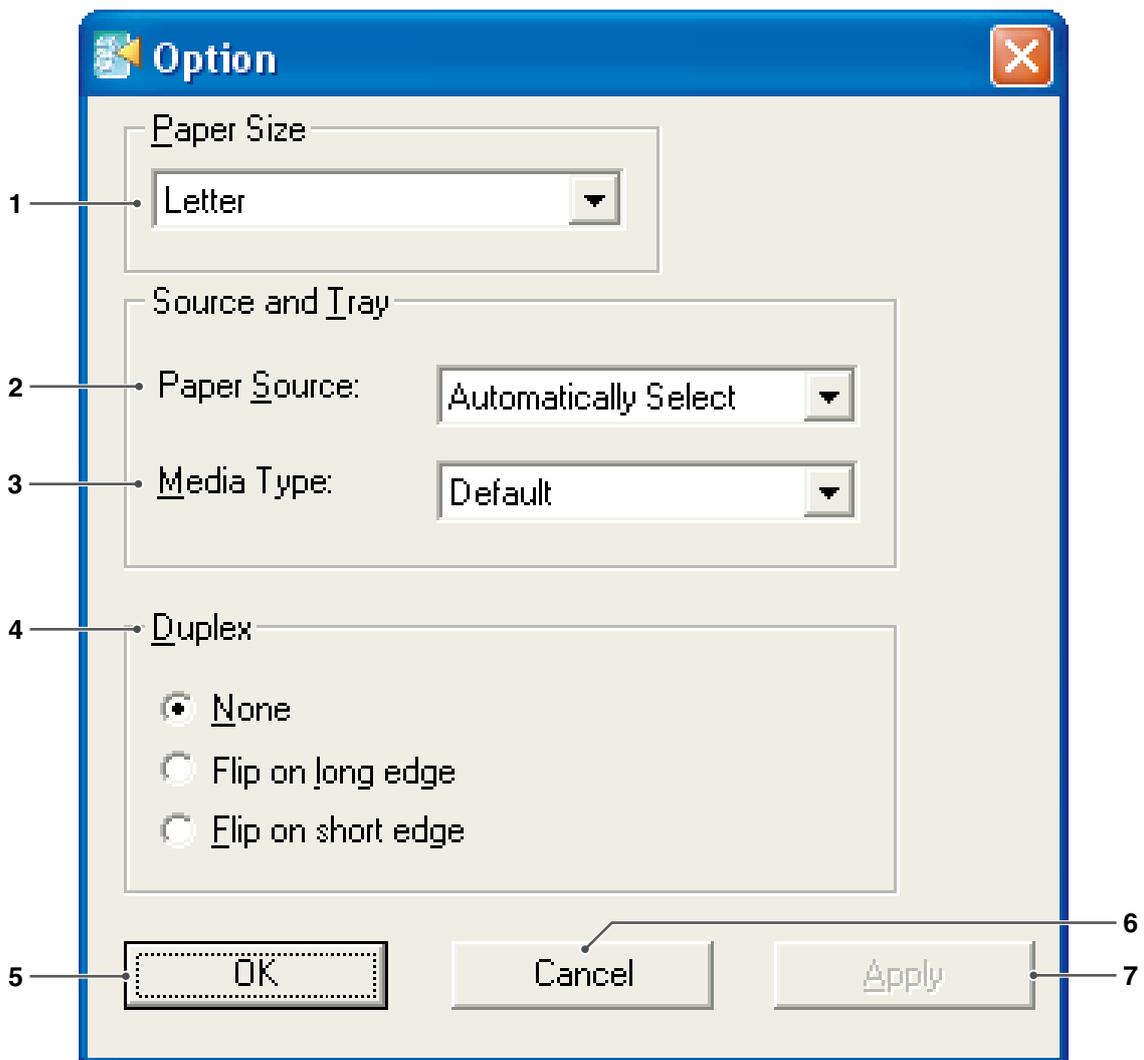
Displays the **Help** file.

## Option Settings

The **Option** window is used for configuring output devices.

When multiple devices are selected, the settings specified in the window are applied to all selected devices.

Clicking the **Options...** button in the **Direct Printing System** window launches the **Option** window.



### 1. Paper Size

Selects the default paper size.

### 2. Paper Source

Selects the paper source on the printer. If you select **Automatically Select**, the paper source settings in the print files are used to select the paper source automatically.

### 3. Media Type

Selects the type of media to print on. Selecting **Default** uses the default setting of the printer.

#### 4. Duplex

Duplex (double-sided) is the process of printing on both sides of a piece of paper.

**Note:**

*This function is only available when printing multiple paged TIFF/PDF files.*

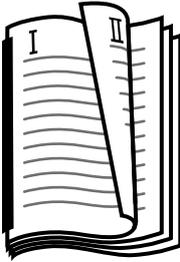
##### - None

Select this for single-sided printing. The default is **None**.

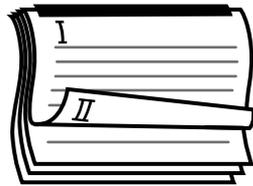
##### - Flip on long edge

Perform double-sided printing, flipping the paper along its long edge (sometimes called Long Edge Binding).

Portrait format



Landscape format



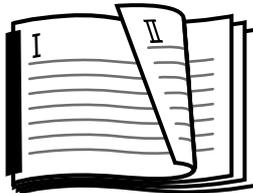
##### - Flip on short edge

Perform double-sided printing, flipping the paper along its short edge (sometimes called Short Edge Binding).

Portrait format



Landscape format



#### 5. button

Saves the settings and closes the **Option** window.

#### 6. button

Cancels the settings and closes the **Option** window.

#### 7. button

Saves the current settings.

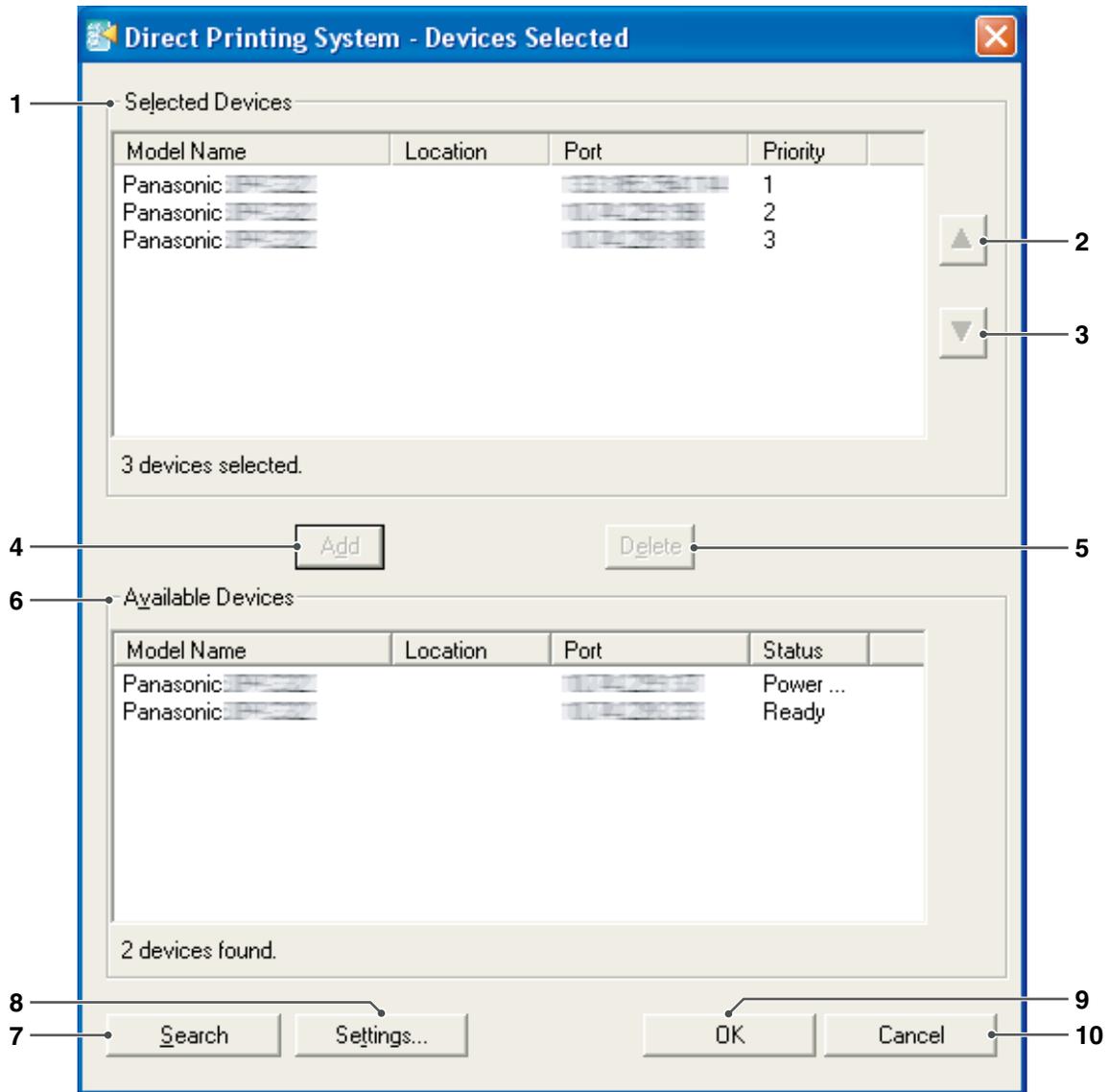
#### NOTE

*The **Option** window settings are used for JPEG and TIFF files. For the PDF files, the print settings contained in the PDF file are used instead.*

# Device Selection

The **Devices Selected** window is used to select printer devices.

Clicking the **Select** button in the **Direct Printing System** window, opens the **Devices Selected** window.



1. **Selected Devices**

Displays the selected printer devices.

2. **▲ button**

Increases the priority of the currently selected devices.

3. **▼ button**

Decreases the priority of the currently selected devices.

4. **Add button**

Add the devices from the **Available Devices** list to the **Selected Devices** list.

5. **Delete button**

Remove the devices from the **Selected Devices** list.

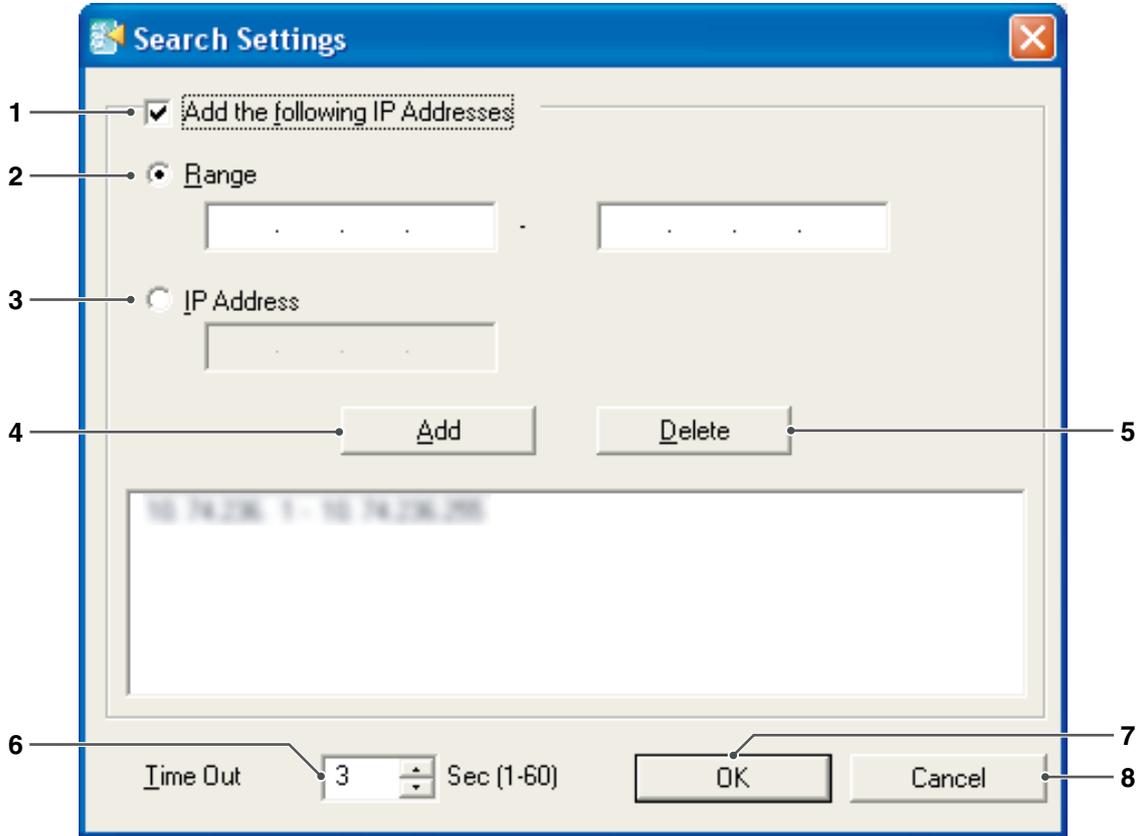
6. **Available Devices**

Displays the devices found on your network.

7.  **button**  
Search the printer devices according to the criterion set in the **Search Settings** window.
8.  **button**  
Opens the **Search Settings** window. (See page 18.)
9.  **button**  
Sets the settings, and closes the **Devices Selected** window.
10.  **button**  
Cancels the settings, and closes the **Devices Selected** window.

# Searching Devices

Clicking the **Settings...** button in the **Devices Selected** window, opens the **Search Settings** window.



- 1. Add the following IP Addresses**  
Selecting this check box enables you to enter values in the following IP address fields.
- 2. Range**  
Select this button to specify the search range of IP addresses. Enter the start IP address on the left, and the end IP address on the right.
- 3. IP Address**  
Select this button to specify a specific IP address.
- 4. Add button**  
Adds the specified IP address to the IP address list.
- 5. Delete button**  
Removes the IP address(es) selected in the IP address list.
- 6. Time Out**  
Sets the search time out for the communication. (1 to 60 seconds; default is 3 seconds)
- 7. OK button**  
Saves the settings, and closes the **Search Settings** window.
- 8. Cancel button**  
Cancels the settings, and closes the **Search Settings** window.

## NOTE

Make sure that the Community Name (1) on the device is set to **public** when searching the network for devices. If the Community Name (1) is set to a different name, it will be excluded from the search.

# Memo

## Supported Files

The **Direct Printing System** supports the following types of files.

- JPEG
- TIFF
- PDF (The Printer Controller Module (for Adobe® PostScript® 3™) is required to print PDF files.)  
( For DP-C406/C306/C266 or DP-C405/C305/C265, the Printer Controller Module (for Adobe® PostScript® 3™) is not required for the PDF files scanned by the device.)

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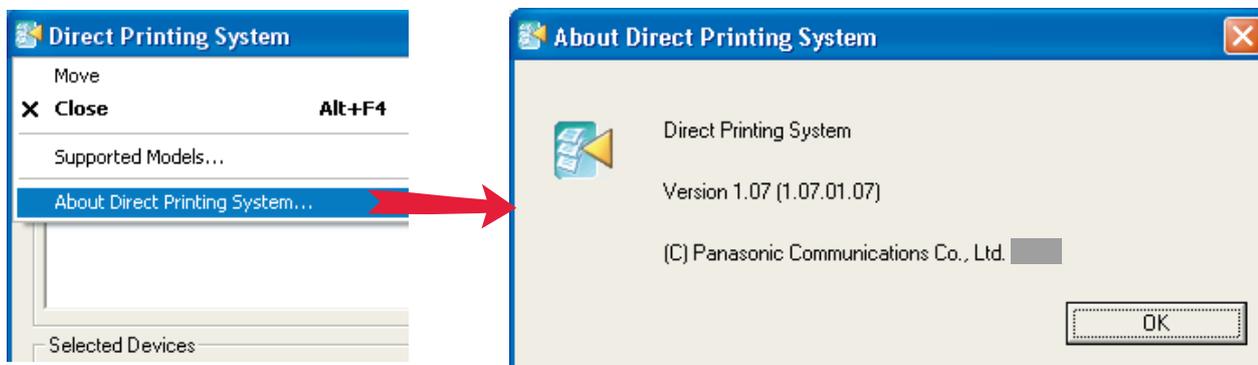
### NOTE

1. You may not be able to print some types of TIFF files. We recommend you to use the TIFF file scanned by the device, in order to print properly.
2. You may not be able to print from applications that work with TIFF files if you have saved the file after editing the page settings or changing the compression format.  
*Note that some TIFF file applications modify the file format as soon as you make any changes to the image, even if you have not explicitly saved the file.  
For example, in "Windows Picture and FAX Viewer", a standard graphics file preview application included with Windows XP, operations such as rotating the image cause the file format to be changed and this may prevent the file from being printed.*

## Software Version and Supported Models

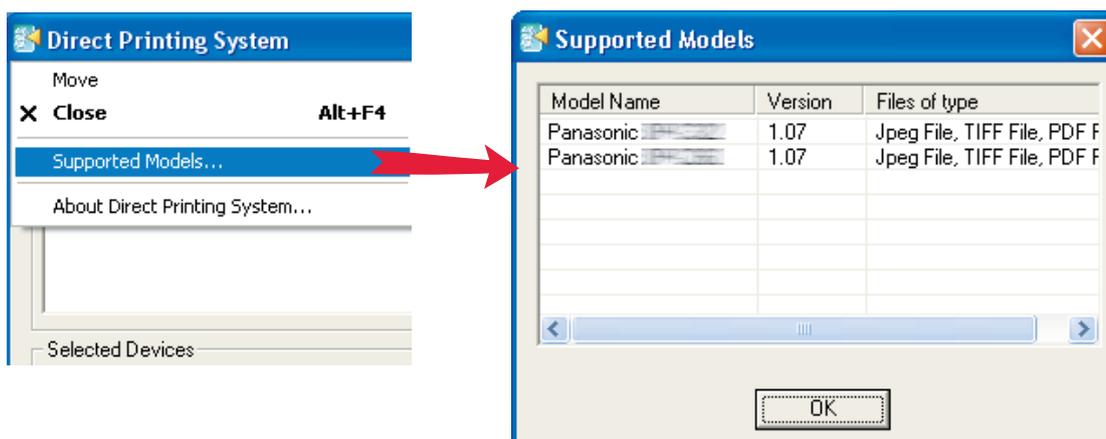
### • Verifying the software version

Right-click on the title bar of the **Direct Printing System** window, and select **About Direct Printing System** from the popup menu.



### • Verifying the supported model

Right-click on the title bar of the **Direct Printing System** window, and select **Supported Models** from the popup menu.

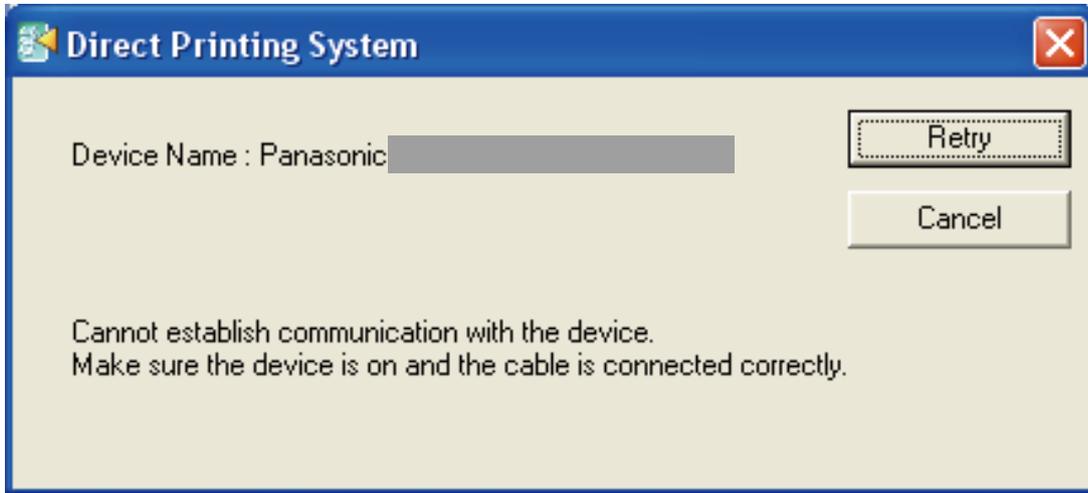


# Troubleshooting

## • Unable to print to a device

An error message appears if the software is unable to print to a device.

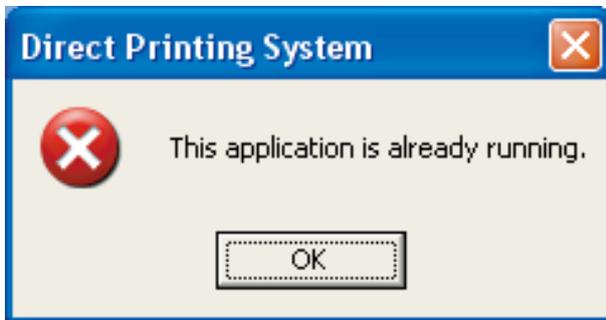
Verify the device status. After correcting the problem, click the  button to restart the operation.



## • Error Messages

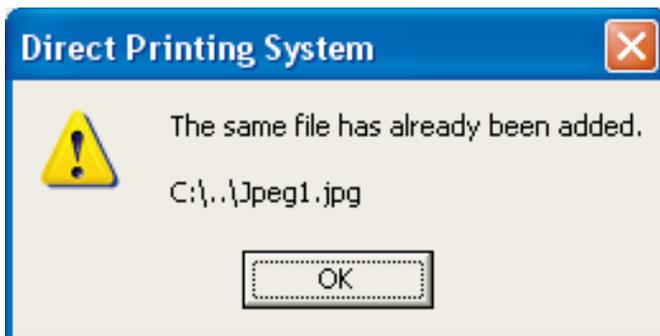
### - "This application is already running."

An error message appears if you try to start the **Direct Printing System** when the **Direct Printing System** is already running.



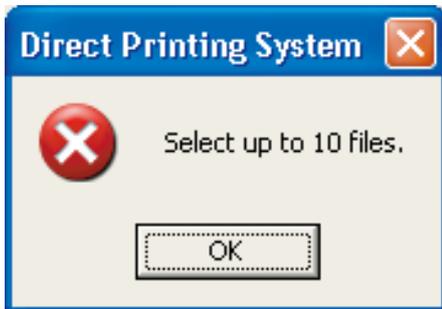
### - "The same file has already been added."

This message appears if the same file has already been specified to print to a device. To remove the file, use the  button in the Direct Printing System window.



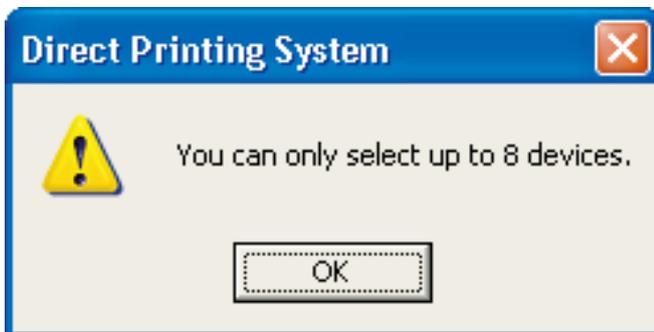
- **"Select up to 10 files."**

This message appears if you select more than 10 print files at a time.



- **"You can only select up to 8 devices."**

This message appears if you select more than 8 printer devices.



**USA Only**

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