



Online Manual

Direct Print Plus Guide

English

Contents

Symbols Used in This Document.	3
Trademarks.	4
Licenses.	5
Precautions for Use (Direct Print Plus).	31
Features of Direct Print Plus.	33
Start Direct Print Plus.	34
Basic Operations (Home Screen).	35
Printing Files.	36
Create Shortcut Print Icons.	37
Call Favorites and Print.	38
Print from Print History.	40
Print Files in Cloud Storage.	41
Check Print Progress.	42
Print in Reverse Order.	43
Enter PIN Code and Print.	44
Align Efficiently on Paper and Print (Nesting, Erase Margin).	45
Set Up Accounting.	47
Set a Hot Folder.	49
Limitations When Printing PDF Files.	51
Others (Preferences).	52
Troubleshooting.	53

Symbols Used in This Document

Warning

Instructions that, if ignored, could result in death, serious personal injury, or property damage caused by incorrect operation of the equipment. These must be observed for safe operation.

Caution

Instructions that, if ignored, could result in personal injury or property damage caused by incorrect operation of the equipment. These must be observed for safe operation.

Important

Instructions including important information that must be observed to avoid damage and injury or improper use of the product. Be sure to read these instructions.

Note

Instructions including notes for operation and additional explanations.

Basics

Instructions explaining basic operations of your product.

Note

- Icons may vary depending on your product.

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2006-Jan-27

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LuneScript

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The below limitations apply when using Direct Print Plus. Please make sure to read these precautions beforehand.

- The following drivers must be installed.
 - Canon imagePROGRAF series: Canon imagePROGRAF Printer Driver V5.00 or later
 - PlotWave, ColorWave series: Driver Select for Microsoft Windows or Océ Wide Format Printer Driver 2 for Microsoft Windows (WPD2)
- The following version of .NET Framework must be installed.
 - Required: 4.6.2 or later
 - Recommended: 4.7 or later (To optimize the startup speed of this software, use this version.)
- This guide primarily refers to the Windows 10 operating system (hereafter, Windows 10) interface.

Precautions When Installing

- Installation requires administrator privileges.
- Close all applications and software before installing.
- If a document is being printed, terminate the printing process or wait until printing is complete.

Precautions When Using

- Printable file formats are as follows:
 - V1.7-conforming PDF
 - * However, password protection, overprinting, and some functions of transparency are not supported.
 - Rev. 6-conforming TIFF
 - JFIF 1.02-conforming JPEG
 - HP-GL/2
 - * You cannot specify pages to print.
 - * In **Output size**, you can only select **Actual size**.
- Printable document size is the same as the document size that can be used with the printer driver.
 - * Document sizes for raster images (tiff or jpeg) are calculated as follows:
 - "Page size (inch)" = "Pixel size (pixel)" / "Resolution (dpi)"
 - Raster images with no resolution information will be calculated as 300 dpi resolution.
- When printing via the print server, set **Allow printing when offline** to **On** in **Special Settings** under **Preferences**.
- With data that contains images that reaches the document size limit, if you select **Actual size** in **Output size** on the main screen, all four sides of the image that are outside of the printable range will not be printed.

»» Note

- In some models, **Borderless** is labeled as **Minimal Margin Printing** instead. When labeled as **Minimal Margin Printing**, small margins will remain on the left and right sides during printing.

Regarding Third-Party Services

The following conditions apply if you use third-party services through the use of this product.

If you access and/or obtain third-party content through the use of "This Product" (including but not limited to text, images, videos, audio data, and software), the following actions are prohibited unless explicitly permitted by the proprietor of said content or by applicable laws:

- Extracting data, creating permanent copies of said data by creating databases or through other methods, or keeping cached copies for a period longer than permitted by the cache-control header
- Copying, translating, changing, creating derivatives, selling, leasing, lending, transferring, distributing, displaying publicly, or sublicensing to third parties
- Misrepresenting the source or owner
- Removing, concealing, or changing copyright, trademark, or other proprietary rights notices; or falsifying or removing the display of the author, legal notices, or the origins or sources of any other material

Features of Direct Print Plus

- You can print PDF documents and drawings, JPEG and TIFF images, and HP-GL/2 drawings without opening the corresponding applications.
- You can preview the print image and be warned in advance of errors by retrieving information from the connected printer.
- You can print files without displaying the Direct Print Plus screen by creating a Shortcut print icon, and dropping a file onto the icon.
- You can print multiple files at once, enabling you to efficiently print large volumes of drawings and images.
- You can save frequently used print settings. You can also print with saved settings.
- Printing history is saved for a specified period of time. You can also select jobs to print from the saved print history.

»» Important

- File formats that can be previewed and printed are as follows: JPEG, TIFF, PDF (excluding password-protected PDFs), and HP-GL/2.
- In HP-GL/2 previews, the area where the data exists is displayed with borders and diagonal lines.

Start Direct Print Plus

Perform the following to start Direct Print Plus. The following screenshot is from Windows 11.

From the Taskbar  (Start button), select **All apps > Canon Utilities > Direct Print Plus**

Direct Print Plus starts.

»» Note

- **Windows 10:**

From the Taskbar  (Start button), select Canon Utilities > **Direct Print Plus**.

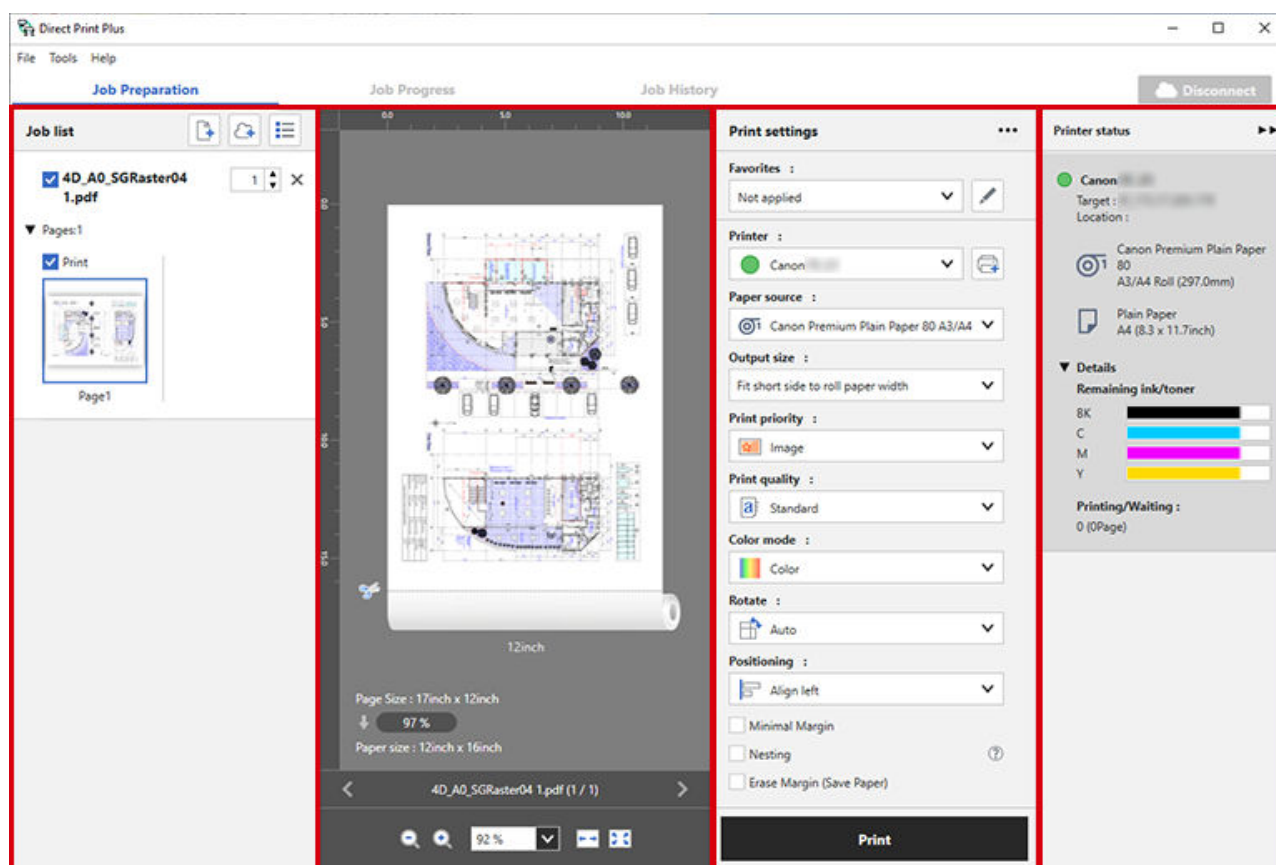
- **Windows 8.1:**

Select **Direct Print Plus** on the Start screen.

If **Direct Print Plus** is not displayed on the Start screen, select the **Search** charm, and then search for "Direct Print Plus".

Basic Operations (Home Screen)

The Direct Print Plus home screen can be operated from the left side to the right side to match the workflow, allowing you to print while checking the layout. You can also select the features you need for operation from the menu bar.



A

B

C

D

A: If you drag and drop to add the files you want to print, thumbnails will be displayed.

B: Check the print preview of the files you selected.

C: Set the media type and image quality.

D: Check the printer status.

»»» Note

- In some models, **Borderless** is labeled as **Minimal Margin Printing** instead. When labeled as **Minimal Margin Printing**, small margins will remain on the left and right sides during printing.

Printing Files

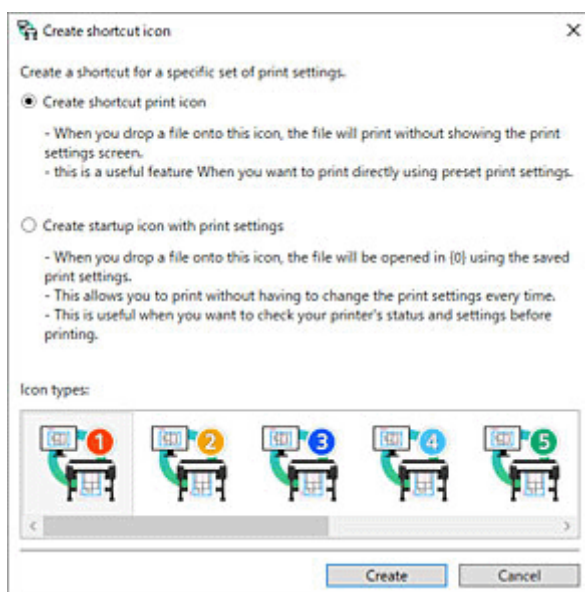
- **Create Shortcut Print Icons**
- **Call Favorites and Print**
- **Print from Print History**
- **Print Files in Cloud Storage**
- **Check Print Progress**
- **Print in Reverse Order**
- **Enter PIN Code and Print**
- **Align Efficiently on Paper and Print (Nesting, Erase Margin)**
- **Set Up Accounting**
- **Limitations When Printing PDF Files**

Create Shortcut Print Icons

If you drop printing data, you can create icons that can be used for printing.

Follow the procedure below to create Shortcut print icons.

1. Open the home screen
2. Select the printer you want to use to print the file from the **Printer** pulldown menu
3. Configure the required settings in the print settings area
4. Select **Create shortcut icon** from **Tools** in the menu bar



The **Create shortcut icon** dialog box will open.

5. Select the icon type you want to create, and then click **Create**

The icon will be created.

The icon name is as follows:

- The icon you created will be added to the folder specified in the **Save as** dialog box.
If the file format is HP-GL/2, "sheet type" will be "GL2" instead of the sheet type.

»»» Important

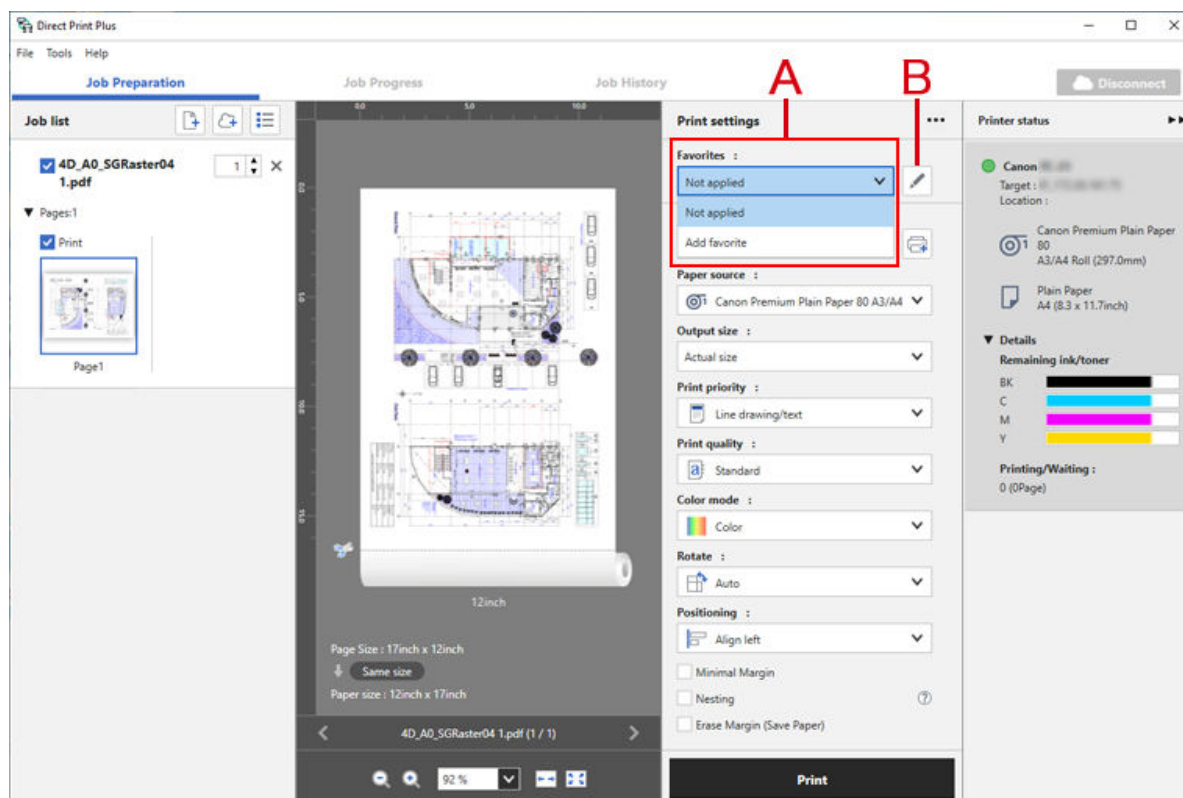
- Do not change the friendly name of the printer used in Shortcut Print.

Call Favorites and Print

You can save the current settings of Direct Print Plus, or replicate saved settings for the current settings.

Save Frequently Used Settings to Favorites

1. Configure the required settings in **Print settings** from the home screen
2. Select **Add favorite** in (A)



Add/edit favorites dialog box will be displayed.

3. Enter the name of the settings you want to save in **Favorite name**
4. Click **OK**

The current settings will be saved as the specified name.
Edit **Favorites** in (B).

►►► Note

- The setting items that can be saved are **Printer/Print settings** and paper settings.
- Files that are in TIFF/JPEG/PDF formats, and HP-GL/2 format files have different saved items for frequently used settings. Therefore, if you are printing in a file format that is different from when you saved it, you cannot replicate frequently used settings.
- Depending on the printer you are using, the item differs from when you saved it, so the settings content cannot be replicated.

- In some models, **Borderless** is labeled as **Minimal Margin Printing** instead. When labeled as **Minimal Margin Printing**, small margins will remain on the left and right sides during printing.

Call Favorites and Print

1. Select the settings you want to call in (A)

The specified settings will be replicated on the home screen.

2. Click **Print**

Printing will start.

Print from Print History

You can browse through your print history and print the same file with the same settings.

1. Select **Job History**

2. Right-click on the history item you want to print, and select **Reprint** from the menu

Printing will start with the settings in the history item. Right-click to open **Job properties** to check print settings, the number of pages to be printed, etc.

Note

- On the menu that is displayed by right-clicking, you can add items to **Favorites** and delete items. If you select **Add to the job list**, you can add print history items to your job list.

Print Files in Cloud Storage

You can print files saved in cloud storage.

1. Select  on the home screen

When logging in to the cloud service, you need to confirm the terms of use and privacy policy of each service, and agree to them.

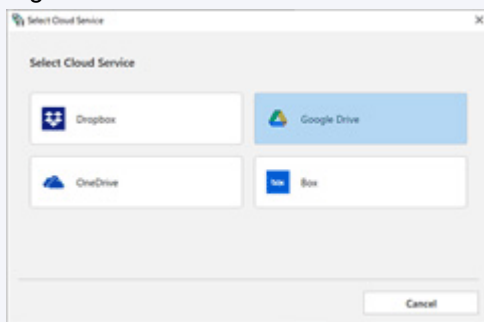
2. Select the cloud service you want to use

Microsoft Edge starts.

Enter your user ID and password, and follow the instructions on the screen.

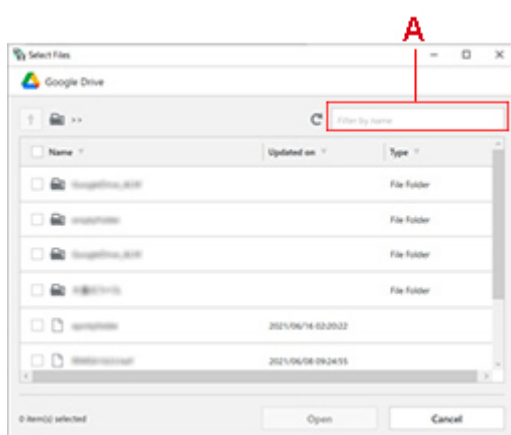
»» Note

- This screen is an example. The displayed web service will differ depending on your country or region.



3. Select the files you want to print

Select the folder or file you want to print, and then click **Open** to add it to the **Job list**.



»» Note

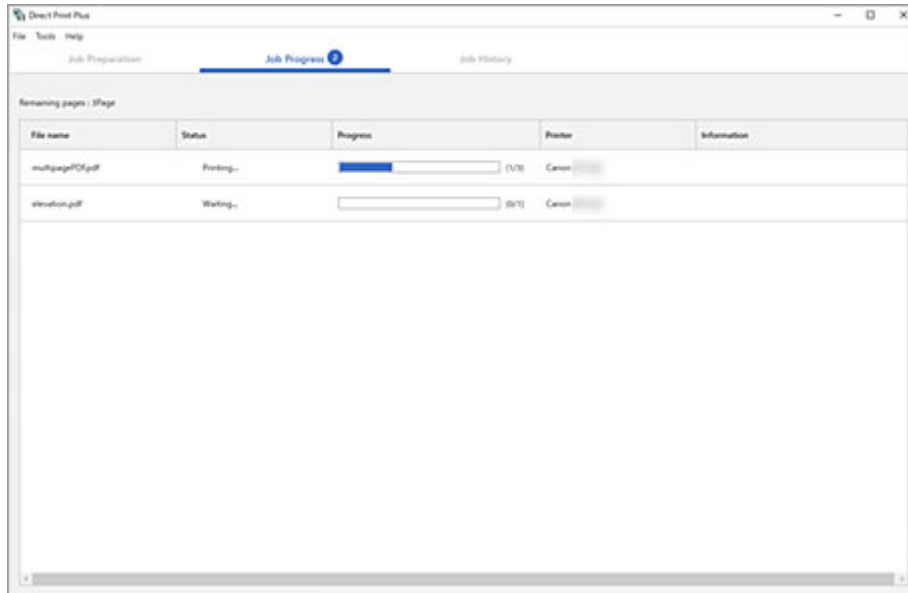
- You can enter text to search for folder or file names. If you enter text in the (A) section, folders and files that contain that text will be displayed.

Check Print Progress

If you run out of paper or experience other issues, you can check remotely.

1. Select **Job Progress**

Progress will be displayed for each print job.



If errors or warnings are displayed, take actions according to the displayed messages.

»» Note

- You can select **Cancel** from the menu displayed by right-clicking to stop printing.

Print in Reverse Order

If you select the paper output position with the printed side facing up, the first page will be placed at the bottom and the order of the pages will be reversed. If you select **Reverse order**, sorting pages will be unnecessary.

1. Select **Preferences** under **Tools** in the menu bar

Preferences dialog box will open.

2. Add a check mark to **Reverse order**

3. Click **OK**

Enter PIN Code and Print

Print after entering the PIN code on the printer operation panel. This can prevent mix-ups of printed materials.

1. Select **Preferences** under **Tools** in the menu bar

Preferences dialog box will open.

2. Add a check mark to **Enter PIN code to print**

3. Click **OK**

4. Select **Print** on the home screen

A screen for entering the PIN code will be displayed. You can set up to 7 digits.

5. Enter the PIN code, and then select **Continue**

Printing will start after entering the configured PIN code on the printer operation panel.

Align Efficiently on Paper and Print (Nesting, Erase Margin)

Direct Print Plus includes a nesting feature that allows multiple drawings to be arranged efficiently for printing, and an Erase Margin function that reduces paper usage by removing margins before printing.

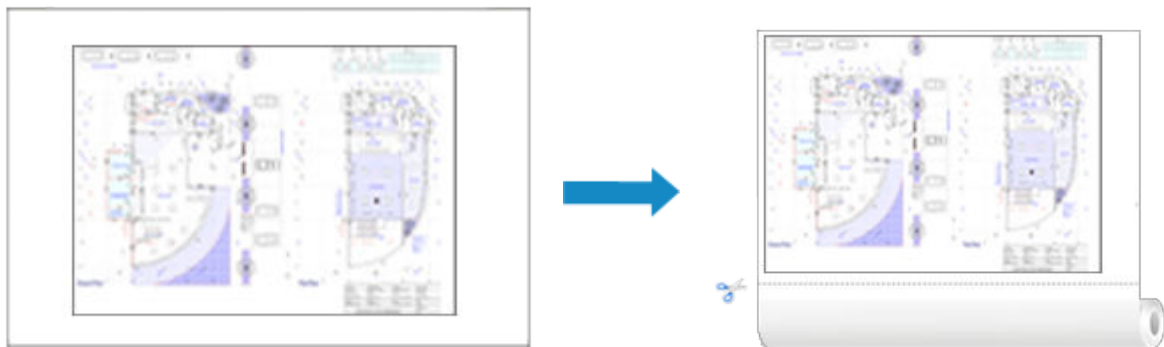
- Nesting



- Erase Margin

Cut off top, bottom, left, and right margins

Save paper when printing



1. Add a checkmark to **Nesting** or **Erase Margin (Save Paper)** in **Print settings** on the home screen (Refer to "[Basic Operations \(Home Screen\)](#)")

The selected files will automatically undergo the layout process.

2. Configure settings and print

»» Note

- Nesting can be performed when there are multiple pages in a single file.
- To configure settings between files, enter a number for **Spacing between pages when nesting** in **Preferences**.
- If you want to add page borders when nesting, add a checkmark to **Enable page frames when nesting** in **Preferences**.
- The only file format that supports margin erasing is PDF.

- Both **Nesting** and **Erase Margin (Save Paper)** options can be checked and used simultaneously.

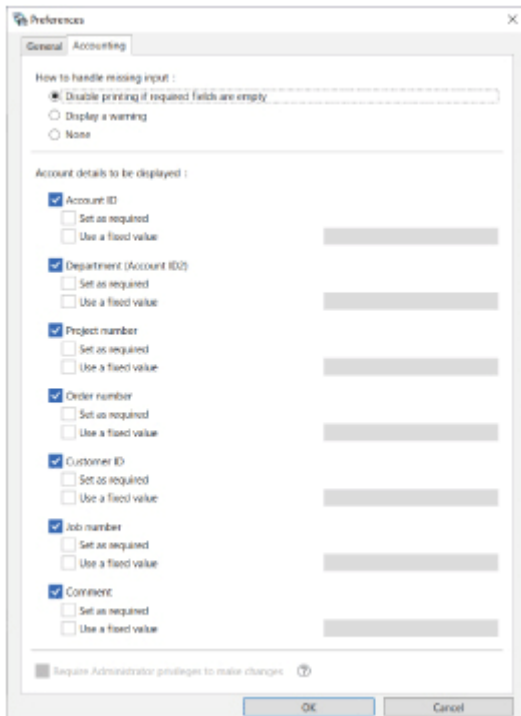
Set Up Accounting

By setting up accounting for print jobs, you can aggregate print jobs for each project or organization for easier management.

1. Select **Preferences** in the menu bar

2. Select the **Accounting** tab

The accounting setup screen will be displayed.



3. Set up **How to handle missing input**

If you check the **[Required]** checkbox in **Set as required** at the bottom, the Direct Print Plus setting will be configured for the parts where there was no input in the home screen print settings.

- **Disable printing if required fields are empty**

Printing will not proceed.

- **Display a warning**

Warning messages will be displayed.

- **None**

Print even if there are fields with no input.

4. Set **Account details to be displayed** for each item

»»» Note

- If you add a checkmark to **Require Administrator privileges to make changes**, users without admin privileges will not be able to change the accounting settings, making it easier to centrally

manage the settings. To enable this feature, start Direct Print Plus by selecting **Run as Administrator**.

- If you enter a value while **Use a fixed value** is checked, the value will be set at the time of printing, and cannot be changed on the print settings screen. If the value is fixed in the printer driver, that value will be prioritized.

Set a Hot Folder

This feature monitors Windows folders (hot folders) on local and network computers, and when image data or documents are added, **Direct Print Plus** will start printing them. By setting up a folder on a network computer as a hot folder, you can print from a computer that does not have **Direct Print Plus** installed by simply adding files to the folder. This is a guide on how to add and manage hot folders.

How to add or edit hot folders

Here is how you add or edit hot folders.

1. Open the home screen
2. Select the printer you want to use to print the file from the **Printer** pulldown menu
3. Configure the required settings in the print settings area
4. Select **Add/Edit Hot Folder** from **Tools** in the menu bar

The **Add/Edit Hot Folder** dialog box will open. Set up each of them.

The selected folder will become a hot folder.

Hot Folder name:

☒ Monitor this folder

Folder path: Browse ?

Copies: 1 - 999

☐ Use paper of the same category when the media types do not match ?

Item	Details
Printer	Canon iR1800
Paper source	Print Paper 100lb/40gsm
Output size	Actual size
Print priority	Image
Color mode	Color
Print quality	Standard
Rotate	Auto
Positioning	Align left
Borderless	Off
Nesting	Off
Account ID	
Department (Account ID2)	
Project number	
Order number	

OK Cancel

Manage your hot folders

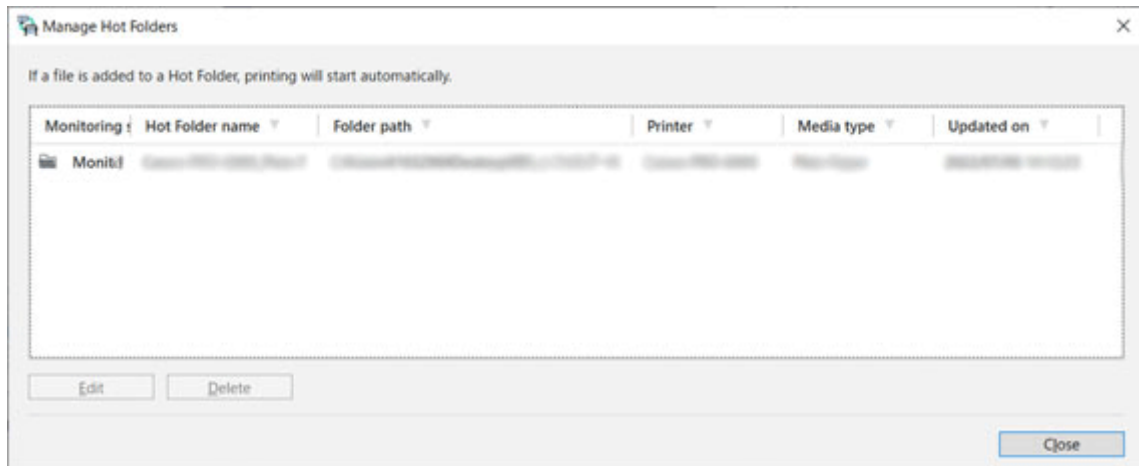
Here is how you manage your hot folders.

1. Select **Manage Hot Folders** from **Tools** in the menu bar

The **Manage Hot Folders** dialog box will open.

When a file is added to a folder where **Monitoring status** is set to **Monitoring**, the file will be printed automatically. If the folder is set to **Paused**, the file will not be printed.

If you want to edit the folder information, open the menu by clicking, and then select **_Edit** to start editing. You can also change the monitoring status.



Limitations When Printing PDF Files

These are limitations that apply when using Direct Print Plus to print PDF files that contain the below image processing.

Caution is needed when using Direct Print Plus to print PDF files created with Adobe Illustrator and other applications for graphical purposes.

- Overprinting
The overlaying parts of images will not be printed as intended.
- PDF with security settings
Cannot be printed.
- 16-bit data or JPEG 2000 image data with transparency settings
Images cannot be printed.
- PostScript data
Images cannot be printed.
- Halftone
Cannot be printed.
- Data with comments added
Images cannot be printed if there is no data for displaying comments.

Others (Preferences)

Useful features for preference are explained here.

Special Settings

If you set **Use MediaBox area as PDF page size** to **On**, PDF files will be printed with the trimmed areas included.

Troubleshooting

Shortcut Prints do not get printed in order

Your files may not print in the order you selected due to OS specifications.

If you want to print files in order, drop the files one by one and print.

I want to continue using the Shortcut print icon even after buying a new printer

If the new printer you purchase is the same model, you can continue using the Shortcut print icon as long as you don't change the friendly name you are using.

I want to confirm the results of Shortcut Prints

Shortcut Print results are exported to report files.

Report files are created in "\Canon\imagePROGRAF Direct Print Plus\Shortcut Print\Reports" of **Documents** or **My Documents**.

The report file name is "{report output date and time (yyyymmddhhmmss)}-{milliseconds}_{print document file name.extension}.log".

The top, bottom, left, and right edges of the images are not being printed

Output size on the home screen is set to **Actual size**, **Half size**, or **25% - 250%**. Change it to a setting other than these.