

# オンラインマニュアル - 取扱説明書 -

Direct Print Plus ガイド

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- Windows Vista の正式名称は、Microsoft Windows Vista operating system です。

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#### THE C++ WRAPPER FUNCTIONS

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This software is based in part on the work of the Independent JPEG Group.

## 使用上の注意 (Direct Print Plus)

Direct Print Plus (ダイレクト・プリント・プラス) の使用に際しては、以下のような制限事項があります。あらかじめ、これらの点に注意してください。

- 以下のドライバーがインストールされている必要があります。
  - Canon imagePROGRAF series : Canon imagePROGRAF Printer Driver V5.00 以降
  - PlotWave、ColorWave series : Driver Select for Microsoft Windows、または、Océ Wide Format Printer Driver 2 for Microsoft Windows (WPD2)
- 以下のバージョンの.NET Framework がインストールされている必要があります。
  - 動作可能 : 4.6.2 以上
  - 動作推奨 : 4.7 以上 (本ソフトウェアの起動速度を最適化するためにはこちらのバージョンをご使用ください。)
- 本ガイドでは、おもに Windows 10 operating system (以降、Windows 10) をお使いの場合に表示される画面で説明しています。

## インストール時の注意

- インストールするには管理者の権限が必要です。
- インストールを行う前に、すべてのアプリケーションソフトを終了してください。
- 印刷中のドキュメントがありましたら、印刷を終了させるか、終了するのをお待ちください。

## 使用上の注意

- 印刷可能なファイル形式は以下のとおりです。
  - V1.7 準拠の PDF  
※ただし、暗号化、オーバープリント、透過処理の一部の機能は非サポート
  - Rev6 準拠の TIFF
  - JFIF1.02 準拠の JPEG
  - HP-GL/2  
※ページを指定した印刷はできません。  
※ [出力サイズ] で選ぶことができるのは、[原稿サイズと同じ] のみです。
- 印刷可能な原稿サイズは、プリンタードライバーで使用可能な原稿サイズと同じです。  
※ラスター画像 (tiff または jpeg) における原稿サイズは以下のように計算します。
  - 「原稿サイズ(inch)」 = 「ピクセルサイズ(pixel)」 ÷ 「解像度(dpi)」  
解像度情報がないラスター画像の場合は、解像度を 300dpi として計算します。
- プリントサーバー経由で印刷するときは、[環境設定] の [処理オプション...] で、[オフラインの場合の印刷実行を許容] を [オン] にしてください。
- 原稿サイズいっぱい画像があるデータの場合、ホーム画面の [出力サイズ] で [原稿サイズと同じ] を選ぶと、プリンターの印刷可能領域外にある画像の上下左右端は印刷されません。



## ■ 第三者のサービスについて

お客様が、本製品を通じて、第三者のサービスを利用する場合、以下の条件が適用されます。

お客様が「本製品」を通じて、第三者のコンテンツ（テキスト、画像、映像、音声、ソフトウェアを含みますが、これらに限定されません。）にアクセスし、および／または第三者のコンテンツを取得する場合、かかるコンテンツの所有者または適用される法律によって明示的に許可される場合を除き、以下の行為が禁止されます。

- データ抽出、データベース作成などの方法でそのコンテンツの永続的なコピーを作成すること、およびキャッシュされたコピーをキャッシュヘッダーで許可された期間よりも長く保持すること。
- 複製、翻訳、変更、派生物の作成、販売、リース、貸与、伝達、配布、公開展示、または第三者へのサブライセンスを行うこと。
- 出典または所有者を偽ること。
- 著作権、商標、またはその他の財産権の表示を削除、隠ぺい、または変更すること、および作者の表示、法的通知、またはその他の素材の出所または出典についての表示を偽造または削除すること。

## Direct Print Plus の特長


- PDF 形式の文書や図面、JPEG、TIFF 形式の画像、HP-GL/2 形式の図面を各々のアプリケーションを開くことなく、直接印刷することができます。
- 接続されたプリンターから情報を取得することで印刷イメージをプレビューで確認でき、また、エラーなどは事前に警告します。
- ショートカットプリント用アイコンを作成して、ショートカットプリント用アイコンにファイルをドロップすると、Direct Print Plus の画面が表示されずにファイルを印刷できます。
- 複数のファイルをまとめて印刷可能なので、大量の図面や画像を効率的に印刷することができます。
- よく使う印刷設定を保存することができます。また、保存された設定で印刷することができます。
- 指定した期間、印刷履歴が保存されます。また、保存された印刷履歴からジョブを選んで印刷することができます。

### ▶▶▶ 重要

- プレビューできるファイル形式、および印刷できるファイル形式は、JPEG、TIFF、PDF（暗号化された PDF を除く）、HP-GL/2 です。
- HP-GL/2 のプレビューは、データが存在する領域を外枠と斜線で表示します。

## Direct Print Plus を起動する

Direct Print Plus を起動します。ここでは、Windows 11 で表示される画面を例に説明しています。

タスクバーの （[スタート] ボタン）から [すべてのアプリ] → [Canon Utilities] → [Direct Print Plus] の順に選ぶ

Direct Print Plus が起動します。

### ▶▶▶ 参考

- **Windows 10 の場合 :**

タスクバーの （[スタート] ボタン）から [Canon Utilities] → [Direct Print Plus] の順に選びます。

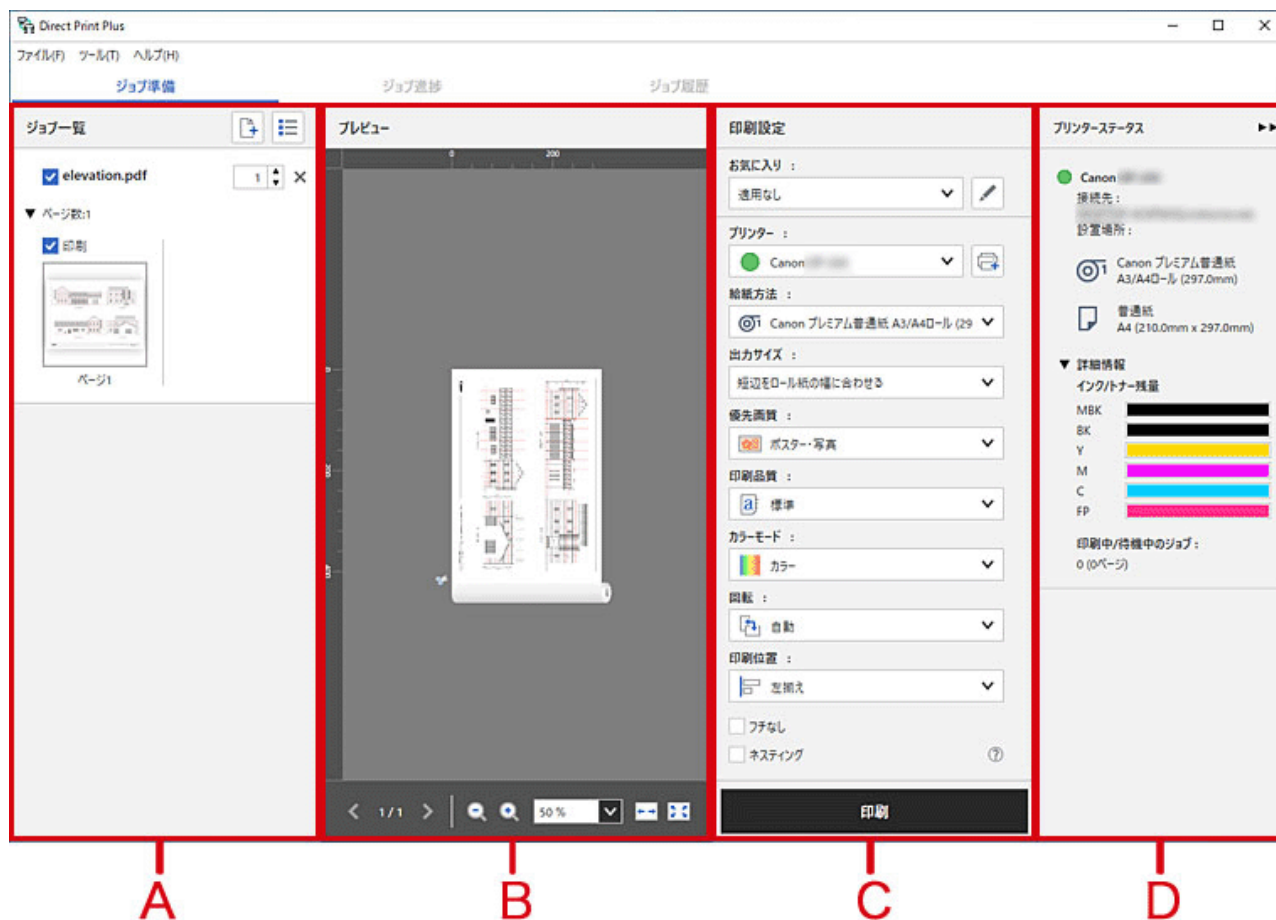
- **Windows 8.1 の場合 :**

スタート画面上の [Direct Print Plus] を選びます。

スタート画面に [Direct Print Plus] が表示されない場合は、[検索] チャームを選び、[Direct Print Plus] を検索してください。

## 基本の操作（ホーム画面）

Direct Print Plus のホーム画面は、作業フローに合わせて、左側から右側へと操作を進めることで、レイアウトを確認しながら印刷できます。また、メニューバーから操作に必要な機能を選ぶことができます。



A:印刷したいファイルをドラッグ&ドロップで追加すると、サムネイルが表示されます。

B:選んだファイルの印刷プレビューを確認できます。

C:用紙の種類や画質などを設定します。

D:プリンターの状態を確認できます。

## ファイルを印刷する

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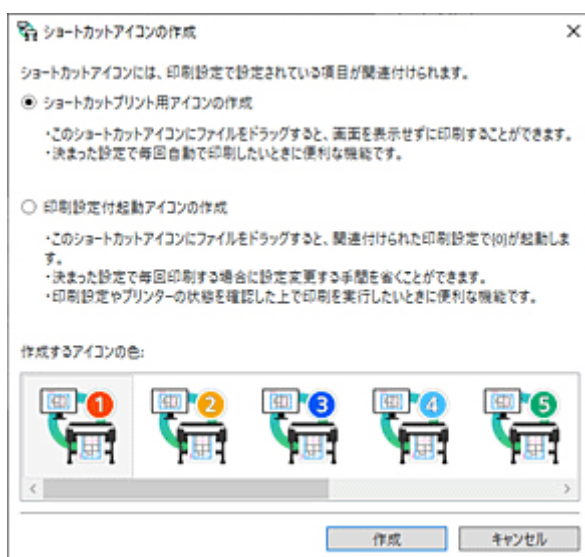
- ▶ ショートカットプリント用アイコンを作成する
- ▶ お気に入り呼び出して印刷する
- ▶ 印刷履歴から印刷する
- ▶ クラウドストレージのファイルを印刷する
- ▶ 印刷の進捗状況を確認する
- ▶ 逆順に印刷する
- ▶ PIN コードを入力して印刷する
- ▶ 用紙に無駄なく配置して印刷する（ネスティング）
- ▶ アカウンティングを設定する
- ▶ PDF ファイル印刷時の制限事項

## ショートカットプリント用アイコンを作成する

印刷用データをドロップすると印刷できるアイコンを作成します。

ショートカットプリント用アイコンを作成するには、以下の手順を行います。

1. ホーム画面を開く
2. [プリンター] プルダウンメニューから、ファイルを印刷するプリンターを選ぶ
3. 印刷設定エリアで、必要な設定を行う
4. メニューバーの [ツール] から [ショートカットアイコンの作成] を選ぶ



[ショートカットアイコンの作成] ダイアログボックスが開きます。

5. 作成するアイコンの種類を選び、[作成] をクリックする

アイコンが作成されます。

アイコン名は以下のとおりです。

- <フレンドリー名>\_<用紙の種類>\_<印刷品質>  
ファイル形式が HP-GL/2 の場合、<用紙の種類>は用紙の種類ではなく「GL2」となります。

### 重要

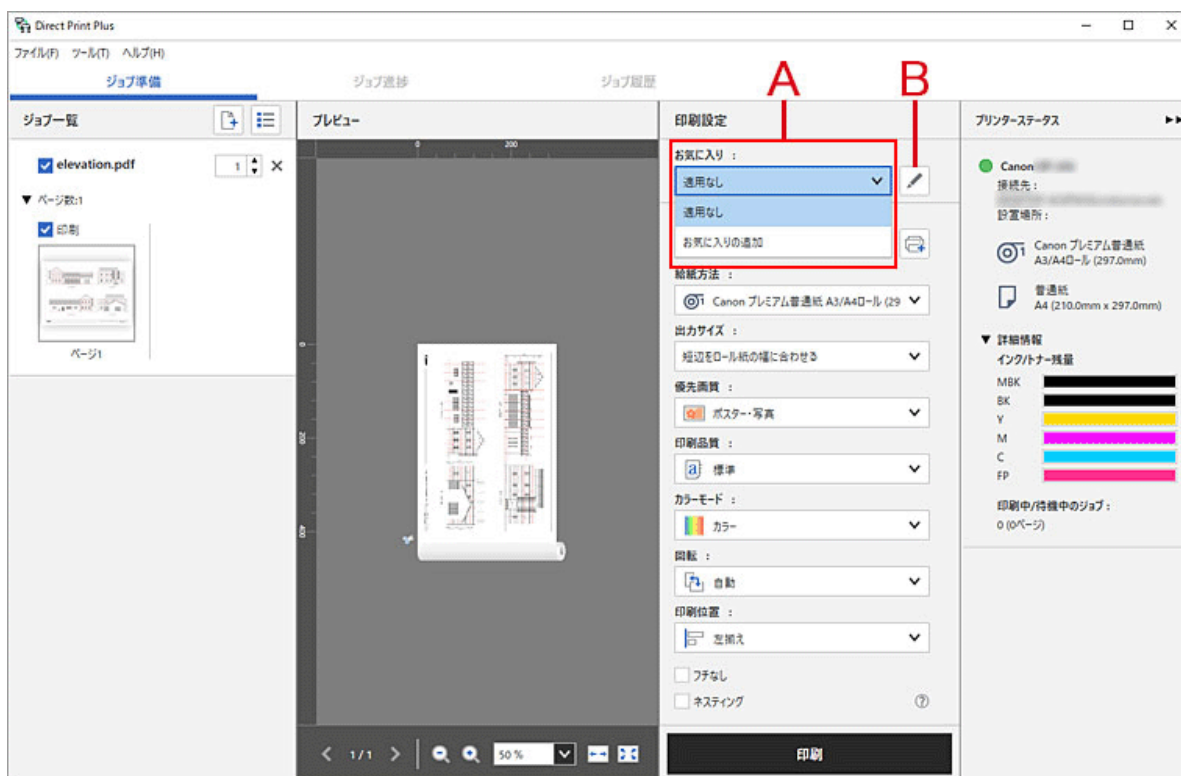
- ショートカットプリントで使用されるプリンターのフレンドリー名は変更しないでください。

## お気に入りと呼び出して印刷する

Direct Print Plus の現在の設定を保存したり、保存してある設定を現在の設定に反映したりすることができます。

### よく使う設定をお気に入りに保存する

1. ホーム画面の【印刷設定】で、必要な設定を行う
2. (A) で【お気に入りの追加】を選ぶ



【お気に入りの追加/編集】ダイアログボックスが表示されます。

3. 【お気に入りの名称】に保存したい設定の名称を入力する
4. 【OK】をクリックする

現在の設定が指定した名前で保存されます。  
(B) で【お気に入り】の編集ができます。

### 参考

- 保存が可能な設定項目は、[プリンター] / [用紙設定] / [印刷設定] の項目です。
- ファイル形式が TIFF/JPEG/PDF と HP-GL/2 とではよく使う設定の保存項目が異なるため、保存時と異なるファイル形式へ印刷する場合は、よく使う設定に反映できません。
- 使用するプリンターによっては、保存時の項目が異なるため、設定内容は反映できません。

## お気に入りと呼び出して印刷する

1. (A) で呼び出したい設定を選ぶ

指定した設定がホーム画面に反映されます。

## **2. [印刷] をクリックする**

印刷が開始されます。



## 印刷履歴から印刷する

過去の印刷履歴を参照して、同じファイルを同じ設定で印刷することができます。

### 1. [ジョブ履歴] を選ぶ

### 2. 印刷したい履歴を右クリックして、メニューから [再印刷] を選ぶ

履歴に残っている設定で印刷が開始されます。右クリックで表示される [ジョブのプロパティ] で印刷設定や出力ページ数などを確認してください。

### ▶▶▶ 参考

- 右クリックで表示されるメニューで [お気に入り] への追加や、履歴の削除ができます。[ジョブリストに追加] を選ぶと、印刷履歴をジョブリストに追加することができます。

# クラウドストレージのファイルを印刷する

クラウドストレージに保存しているファイルを印刷することができます。

## 1. ホーム画面の を選ぶ

クラウドサービスにログインする際は、各サービスの利用規約と個人情報の取り扱いを確認し、同意する必要があります。

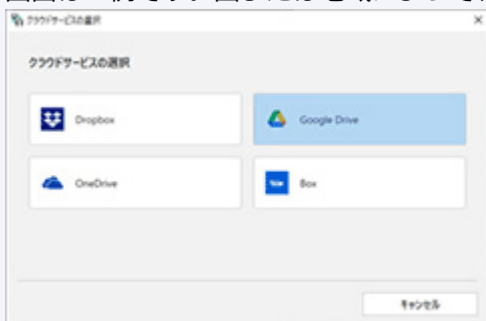
## 2. 使用するクラウドサービスを選ぶ

Microsoft Edge が起動します。

ユーザー ID とパスワードを入力し、画面にしたがって操作します。

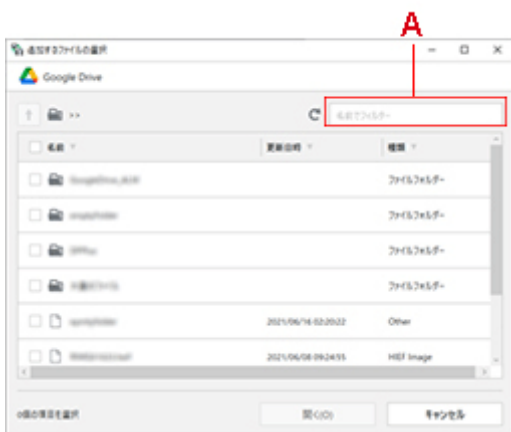
### 参考

- 画面は一例です。国または地域によって、表示されるウェブサービスが異なります。



## 3. 印刷するファイルを選ぶ

印刷するフォルダーやファイルを選び [開く] をクリックすると、[ジョブ一覧] に表示されます。



### 参考

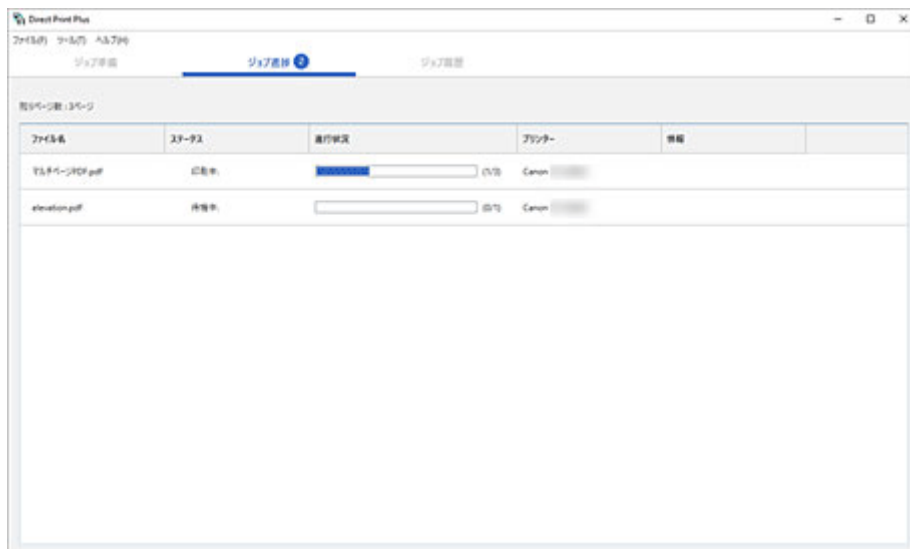
- 文字を入力して、フォルダーやファイル名を検索することができます。(A)の部分に文字を入力すると、入力した文字列が含まれるフォルダーやファイルが表示されます。

## 印刷の進捗状況を確認する

用紙切れなどが発生した場合にも、離れた場所から確認することができます。

### 1. [ジョブ進捗] を選ぶ

印刷ジョブごとの進捗状況が表示されます。



エラーや警告が表示されている場合には、メッセージにしたがって操作してください。

### ▶▶▶ 参考

- 右クリックで表示されるメニューから [キャンセル] を選んで印刷を中止することができます。

## 逆順に印刷する

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印刷面が表になって排紙される排紙口を選んだ場合、最初のページが一番下になり、ページの順番が逆になります。[逆順印刷] を選ぶと、ページの並べ替えが不要になります。

### 1. メニューバーの [ツール] から [環境設定] を選ぶ

[環境設定] ダイアログが表示されます。

### 2. [逆順印刷] にチェックマークを付ける

### 3. [OK] をクリックする

## PIN コードを入力して印刷する

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プリンターの操作パネルで PIN コードを入力後、印刷できるようにします。印刷物の取り違いなどを防げます。

**1. メニューバーの [ツール] から [環境設定] を選ぶ**

[環境設定] ダイアログが表示されます。

**2. [PIN コードを入力して印刷する] にチェックマークを付ける**

**3. [OK] をクリックする**

**4. ホーム画面の [印刷] を選ぶ**

PIN コードを入力する画面が表示されます。数字 7 桁まで設定できます。

**5. PIN コードを入力し、[続行] を選ぶ**

設定した PIN コードをプリンターの操作パネルで入力すると印刷が開始されます。

## 用紙に無駄なく配置して印刷する（ネスティング）

複数の図面などを無駄なく配置して印刷できます。



### 1. ホーム画面の【印刷設定】で【ネスティング】にチェックマークを付ける（「[基本の操作（ホーム画面）](#)」参照）

選んだファイルが自動的にレイアウトされます。

### 2. 各種設定を行い、印刷する

#### ▶▶▶ 参考

- ネスティングは、1 ファイルに複数ページがあるときに実行できます。
- ファイルの間隔を設定する場合は、[環境設定] の [ネスティング時のページ間隔を設定する] で数値を入力してください。
- ネスティング時にページの枠を付けたいときには、[環境設定] の [ネスティング時にページ枠を有効化する] にチェックマークを付けてください。

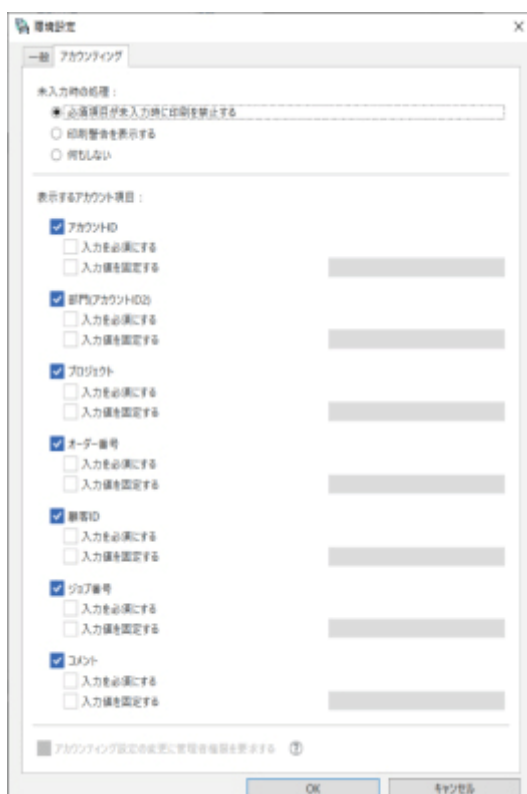
# アカウントティングを設定する

印刷ジョブにアカウントティングを設定することで、プロジェクトや組織ごとに印刷ジョブの集計ができ、管理をしやすくします。

## 1. メニューバーの [環境設定] を選ぶ

## 2. [アカウントティング] タブを選ぶ

アカウントティング設定画面が表示されます。



## 3. [未入力時の処理] を設定する

下部にある [表示するアカウント項目] で [入力を必須にする] にチェックマークを付けた項目が、ホーム画面の印刷設定で未入力だった場合の Direct Print Plus の挙動について設定します。

- [必須項目が未入力時に印刷を禁止する]  
印刷を実行しません。
- [印刷警告を表示する]  
警告メッセージを表示します。
- [何もしない]  
未入力の項目があっても印刷を実行します。

## 4. [表示するアカウント項目] をそれぞれ設定する

### ▶▶▶ 参考

- [アカウントティング設定の変更に管理者権限を要求する] にチェックマークを付けると、管理者権限がないユーザーがアカウントティング設定を変えることができなくなり、設定値を一元管理しや

すくなります。この機能を有効にするには、[管理者として実行] から Direct Print Plus を起動してください。

- [入力値を固定する] にチェックマークを付けて値を入力すると、印刷時にその値が設定され、印刷設定画面では変更できなくなります。プリンタードライバーで値が固定されている場合には、その値が優先されます。



## ホットフォルダーを設定する

ローカルコンピューターやネットワークコンピューター上の Windows フォルダー（ホットフォルダー）を監視して、そこに画像データや文書が追加されたら、Direct Print Plus で印刷が開始されます。ネットワークコンピューター上のフォルダーをホットフォルダーとして設定することで、Direct Print Plus をインストールしていないパソコンからでも、フォルダーにファイルを追加するだけで印刷することができます。ここでは、ホットフォルダーの追加と管理の方法を説明します。

### ホットフォルダーの追加/編集

ホットフォルダーの追加と編集の方法を説明します。

1. ホーム画面を開く
2. [プリンター] プルダウンメニューから、ファイルを印刷するプリンターを選ぶ
3. 印刷設定エリアで、必要な設定を行う
4. メニューバーの [ツール] から [ホットフォルダーの追加/編集] を選ぶ

[ホットフォルダーの追加/編集] ダイアログが表示されます。それぞれ設定をしてください。

選んだフォルダーがホットフォルダーとして設定されます。



### ホットフォルダーの管理

ホットフォルダーの管理方法を説明します。

## 1. メニューバーの [ツール] から [ホットフォルダーの管理] を選ぶ

[ホットフォルダーの管理] ダイアログが表示されます。

[監視状況] が [監視中] となっているフォルダーにファイルが追加されると、自動で印刷されます。  
[停止中] であれば印刷されません。

フォルダーの情報を編集したい場合は、クリックして表示されたメニューから [編集] を選んで編集してください。監視状況を変更することもできます。



## PDF ファイル印刷時の制限事項

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Direct Print Plus から、以下のような画像処理を含む PDF ファイルを印刷する際の制限事項です。

Adobe Illustrator などで作成されたグラフィック用途の PDF ファイルを、Direct Print Plus から印刷する場合には注意が必要です。

- オーバープリント  
画像の重なり部分が意図どおりに印刷されません。
- セキュリティ設定 PDF ファイル  
印刷できません。
- 16bit データあるいは透過度を設定した JPEG 2000 画像データ  
画像が印刷されません。
- PostScript データ  
画像が印刷されません。
- ハーフトーン  
印刷できません。
- 注釈を追加したデータ  
注釈表示用データがない場合、画像が印刷されません。

## その他（環境設定）

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環境設定の便利な機能について説明します。

### 【処理オプション...】

【MediaBox を PDF のページサイズとして扱う】の設定値を【オン】にすると、裁ち落とし領域も含めて PDF を印刷します。

## 困ったときには

### 順番どおりにショートカットプリントされない

OS の仕様のため選んだ順番どおりにファイルが印刷されないことがあります。  
順番に印刷したいときは、1 つずつファイルをドロップして印刷してください。

### プリンター買い換え後もショートカットプリント用アイコンを使用したい

買い換えるプリンターが同じ機種の場合、ショートカットプリント用アイコンで使用しているフレンドリ  
ー名を変更しなければ、そのまま使用することができます。

### ショートカットプリントの結果を確認したい

ショートカットプリントの結果はレポートファイルに出力されます。

レポートファイルは、[ドキュメント] または [マイ ドキュメント] の「¥Canon¥imagePROGRAF Direct  
Print Plus¥Shortcut Print¥Reports」に作成されます。

レポートファイル名は「{レポートを出力した日時 (yyyymmddhhmmss)}-{ミリ秒}\_{印刷ドキュメン  
トのファイル名.拡張子}.log」です。

### 画像の上下左右端が印刷されない

ホーム画面の [出力サイズ] が [原稿サイズと同じ]、[ハーフサイズ] または [25%] ~ [250%] のい  
ずれかに設定されています。それ以外に設定し直してください。