Online-Handbuch

Handbuch zu Direct Print Plus

Deutsch (German)

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Hinweis

- Der offizielle Name für Windows Vista lautet Betriebssystem Microsoft Windows Vista.

Lizenzen

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JSON for Modern C++

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Was ist Direct Print Plus?

- Funktionen von Direct Print Plus
- Starten von Direct Print Plus
- Grundfunktionen (Startbildschirm)

Drucken von Dateien

- Erstellen von Direktaufrufdrucksymbolen
- Aufrufen von Favoriten und Drucken
- Drucken aus Druckverlauf
- Dateien im Cloud-Speicher drucken
- Überprüfung des Druckverlaufs
- Drucken in umgekehrter Reihenfolge
- Eingabe des PIN-Codes und Drucken
- Effiziente Ausrichtung auf Papier und Drucken (Schachtelung)
- Accounting einrichten
- Einschränkungen beim Drucken von PDF-Dateien

Weitere nützliche Funktionen

- Archivordner einrichten
- Andere (Einstellungen)
- Fehlersuche

Hinweise für die Verwendung (Direct Print Plus)

Bei der Verwendung von Direct Print Plus gibt es folgende Einschränkungen. Sie sollten diese Hinweise in jedem Fall im Voraus lesen.

- Die folgenden Treiber müssen installiert sein.
  - Canon imagePROGRAF series: Canon imagePROGRAF Printer Driver V5.00 oder höher
  - PlotWave, ColorWave series: Driver Select for Microsoft Windows oder Océ Wide Format Printer Driver 2 for Microsoft Windows (WPD2)
- Die folgende Version von .NET Framework muss installiert sein.
  - Erforderlich: 4.6.2 oder höher
  - Empfohlen: 4.7 oder höher (Verwenden Sie diese Version, um die Software schneller auszuführen.)
- Dieses Handbuch bezieht sich in erster Linie auf Schnittstellen im Windows 10 operating system (nachstehendWindows 10).

Hinweise zur Installation

- Für die Installation sind Administratorrechte erforderlich.
- Schließen Sie vor der Installation sämtliche Anwendungen und Software.
- Wenn ein Dokument gedruckt wird, beenden Sie den Druckvorgang oder warten Sie, bis er abgeschlossen ist.

Hinweise zur Verwendung

- Die druckbaren Dateiformate sind:
  - V1.7-konforme PDF

    * Allerdings werden Kennwortschutz, Überdrucken und bestimmte Transparenzfunktionen nicht unterstützt.
  - Rev. 6-konforme TIFF
  - JFIF 1,02-konform JPEG
  - HP-GL/2

    * Sie können keine zu druckenden Seiten angeben.

    * Unter **Ausgabeformat (Output size)** können Sie nur die Option **Tatsächliche Größe (Actual size)** auswählen.
- Die bedruckbare Dokumentgröße ist dieselbe wie die Dokumentgröße, die mit dem Druckertreiber verwendet werden kann.

  * Die Dokumentgrößen für Rasterbilder (tiff oder jpeg) werden wie folgt berechnet:
    - "Seitengröße (Zoll)" = "Pixelgröße (Pixel)"/"Auflösung (dpi)"

      Rasterbilder ohne Informationen zur Auflösung werden mit einer Auflösung von 300 dpi berechnet.

- Wenn Sie über den Druckserver drucken, setzen Sie in den **Sondereinstellungen (Special Settings)** unter **Voreinstellungen (Preferences)** die Option **Drucken im Offlinemodus zulassen (Allow printing when offline)** auf **Ein (On)**.
- Wenn Daten Bilder enthalten, die die Dokumentgrößengrenze erreichen und Sie auf dem Hauptbildschirm in **Tatsächliche Größe (Actual size)** die Option **Ausgabeformat (Output size)** auswählen, werden alle vier Seiten des Bildes, die sich außerhalb des druckbaren Bereichs befinden, nicht gedruckt.

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Funktionen von Direct Print Plus

- Sie können PDF-Dokumente und Zeichnungen, JPEG- und TIFF-Bilder sowie HP-GL/2-Zeichnungen ohne Öffnen der entsprechenden Anwendungen drucken.
- Sie können eine Vorschau des Druckbilds anzeigen und vor Fehlern gewarnt werden, indem Sie Informationen vom angeschlossenen Drucker abrufen.
- Sie können Dateien ohne Anzeige des Direct Print Plus-Bildschirms drucken, indem Sie ein Direktaufrufdrucksymbol erstellen und eine Datei auf dem Symbol ablegen.
- Sie können mehrere Dateien gleichzeitig drucken, damit Sie effizient große Volumen von Zeichnungen und Bildern drucken können.
- Sie können häufig verwendete Druckeinstellungen speichern. Sie können auch mit gespeicherten Einstellungen drucken.
- Der Druckverlauf wird für einen bestimmten Zeitraum gespeichert. Außerdem können Sie Aufträge zum Drucken aus dem gespeicherten Druckverlauf auswählen.

Wichtig

- Die folgenden Dateiformate können in der Vorschau angesehen und gedruckt werden: JPEG, TIFF, PDF (außer kennwortgeschützte PDFs) und HP-GL/2.
- Bei einer HP-GL/2-Vorschau wird der Bereich, in dem die Daten vorhanden sind, mit Rahmen und diagonalen Linien dargestellt.

Starten von Direct Print Plus

Führen Sie die folgende Aktion zum Starten von Direct Print Plus aus. Der folgende Screenshot ist von Windows 11.

Wählen Sie in der Taskleiste (Start-Taste) Alle Apps (All apps) > Canon Utilities > Direct Print Plus aus

Direct Print Plus wird gestartet.

Hinweis

- **Windows 10:**

  Wählen Sie in der Taskleiste (**Start**-Taste) Canon Utilities > **Direct Print Plus** aus.

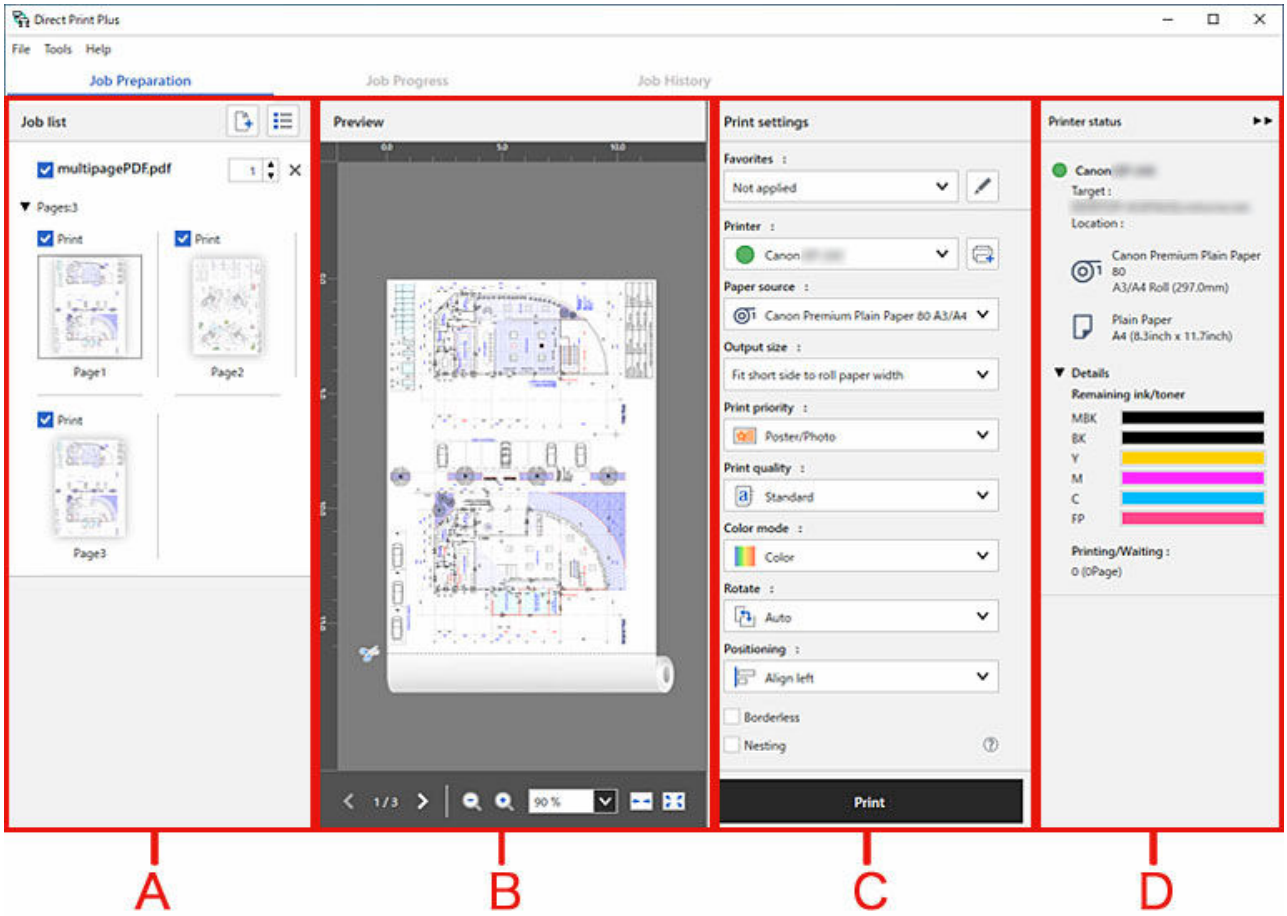
- **Windows 8.1:**

  Wählen Sie im Startbildschirm **Direct Print Plus** aus.

  Falls **Direct Print Plus** nicht im Startbildschirm angezeigt wird, wählen Sie den Charm **Suchen (Search)** und suchen Sie nach "**Direct Print Plus**".

Grundfunktionen (Startbildschirm)

Der Startbildschirm von Direct Print Plus kann gemäß des Ablaufs von links nach rechts bedient werden und ermöglicht Ihnen, zu drucken und gleichzeitig das Layout zu überprüfen. Sie können die Funktionen, die Sie für den Betrieb benötigen, auch über die Menüleiste auswählen.



A: Wenn Sie die Dateien, die Sie drucken möchten, per Drag & Drop in diesen Bereich ziehen, werden Miniaturansichten angezeigt.

B: Überprüfen Sie die Druckvorschau der ausgewählten Dateien.

C: Legen Sie den Medientyp und die Bildqualität fest.

D: Prüfen Sie den Druckerstatus.

Drucken von Dateien

- Erstellen von Direktaufrufdrucksymbolen
- Aufrufen von Favoriten und Drucken
- Drucken aus Druckverlauf
- Dateien im Cloud-Speicher drucken
- Überprüfung des Druckverlaufs
- Drucken in umgekehrter Reihenfolge
- Eingabe des PIN-Codes und Drucken
- Effiziente Ausrichtung auf Papier und Drucken (Schachtelung)
- Accounting einrichten
- Einschränkungen beim Drucken von PDF-Dateien

Erstellen von Direktaufrufdrucksymbolen

Wenn Sie Druckdaten ablegen, können Sie Symbole zum Drucken erstellen.

Gehen Sie wie folgt vor, um Direktaufrufdrucksymbole zu erstellen.

1. Rufen Sie den Startbildschirm auf
2. Wählen Sie den gewünschten Drucker aus dem Pulldown-Menü **Drucker (Printer)** aus, um die Datei zu drucken
3. Konfigurieren Sie die erforderlichen Einstellungen im Bereich Druckeinstellungen
4. Wählen Sie die Option **Direktaufrufsymbol erstellen (Create shortcut icon)** über **Extras (Tools)** in der Menüleiste aus

   Das Dialogfeld **Direktaufrufsymbol erstellen (Create shortcut icon)** wird geöffnet.

5. Wählen Sie den Symboltyp aus, den Sie erstellen möchten, und klicken Sie dann auf **Erstellen (Create)**

   Das erstellte Symbol wird dem Ordner hinzugefügt, der im Dialogfeld **Speichern unter (Save as)** angegeben wurde.

   Der Symbolname sieht zu Beginn wie folgt aus:

   - "Anzeigename"_"Blatttyp"_"Druckqualität"

     Bei einem HP-GL/2-Dateiformat steht bei "Blatttyp" "GL2" anstelle des Blatttyps.

Wichtig

- Ändern Sie nicht den Anzeigenamen des für den Direktaufrufdruck verwendeten Druckers.

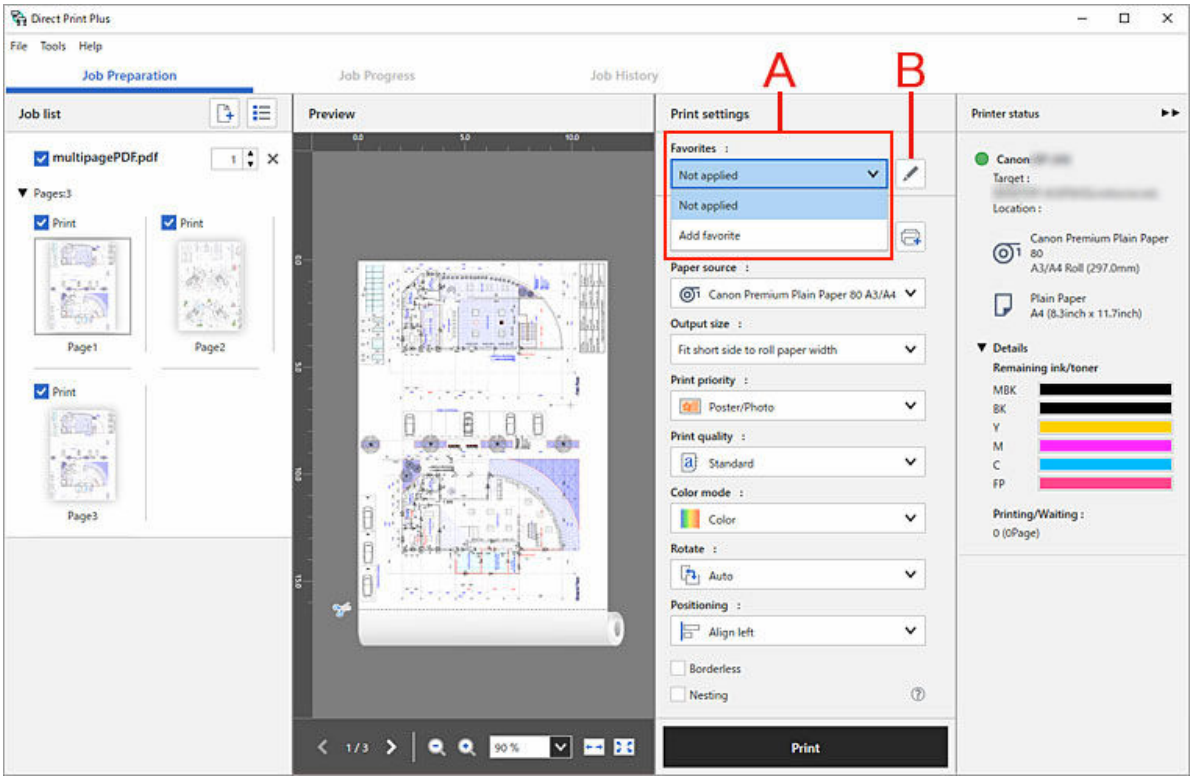
Aufrufen von Favoriten und Drucken

Sie können die aktuellen Einstellungen von Direct Print Plus speichern oder gespeicherte Einstellungen für die aktuellen Einstellungen replizieren.

Häufig verwendete Einstellungen in Favoriten speichern

1. Konfigurieren Sie die erforderlichen Einstellungen in **Druckeinstellungen (Print settings)** auf dem Startbildschirm

2. Wählen Sie im Bereich (A) die Option **Favorit hinzufügen (Add favorite)** aus



   Das Dialogfeld **Fav. hinzuf./bearb. (Add/edit favorites)** wird angezeigt.

3. Geben Sie den Namen für die Einstellungen ein, die Sie speichern möchten in **Bevorzugter Name (Favorite name)** ein

4. Klicken auf **OK**

   Die aktuellen Einstellungen werden unter dem angegebenen Namen gespeichert.
   Bearbeiten Sie die **Favoriten (Favorites)** im Bereich (B).

Hinweis

- Die Einstellungselemente, die gespeichert werden können, sind: **Drucker (Printer)** / **Druckeinstellungen (Print settings)** /Papiereinstellungen .
- Bei Dateien im TIFF-/JPEG-/PDF-Format und HP-GL/2-Dateien unterscheiden sich die gespeicherten Elemente für häufig verwendete Einstellungen. Aus diesem Grund können Sie häufig verwendete

Einstellungen nicht replizieren, wenn Sie in einem Dateiformat drucken, das sich vom Dateiformat bei der Speicherung unterscheidet.

- Je nach verwendetem Drucker unterscheidet sich das Element im Vergleich zum Zeitpunkt der Speicherung, sodass der Einstellungsinhalt nicht repliziert werden kann.

Aufrufen von Favoriten und Drucken

1. Wählen Sie im Bereich (A) die Einstellungen aus, die Sie aufrufen möchten

   Die angegebenen Einstellungen werden auf dem Startbildschirm repliziert.

2. Klicken auf **Drucken (Print)**

   Der Druckvorgang wird gestartet.

Drucken aus Druckverlauf

Sie können Ihren Druckverlauf durchsuchen und eine Datei mit den gleichen Einstellungen erneut drucken.

1. Auswählen von **Auftragsverlauf (Job History)**

2. Klicken Sie mit der rechten Maustaste auf das Verlaufselement, das Sie drucken möchten, und wählen Sie **Erneut drucken (Reprint)** aus dem Menü aus.

   Der Druckvorgang wird mit den Einstellungen im Verlaufselement gestartet. Öffnen Sie per Rechtsklick die **Job-Eigenschaften (Job properties)**, um die Druckeinstellungen zu überprüfen, z. B. die Anzahl der Druckseiten usw.

Hinweis

- In dem Menü, das durch Rechtsklick angezeigt wird, können Sie Elemente zu den **Favoriten (Favorites)** hinzufügen und Elemente löschen. Wenn Sie **Zur Auftragsliste hinzufügen (Add to the job list)** auswählen, können Sie Elemente aus Ihrem Druckverlauf zur Auftragsliste hinzufügen.

Dateien im Cloud-Speicher drucken

Sie können Dateien drucken, die im Cloud-Speicher gespeichert sind.

1. Wählen Sie im Startbildschirm aus

   Wenn Sie sich beim Cloudservice anmelden, müssen Sie die Nutzungsbedingungen und Datenschutzbestimmungen jedes Dienstes bestätigen und diesen zustimmen.

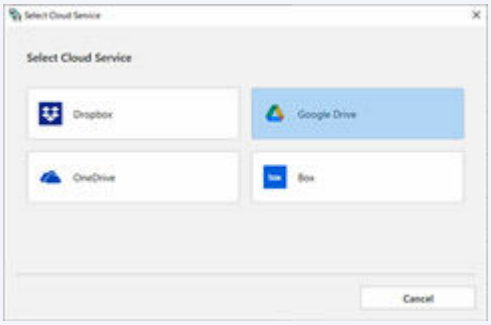
2. Wählen Sie den Cloudservice aus, den Sie verwenden möchten

   Microsoft Edge startet.

   Geben Sie Ihre Benutzer-ID und Ihr Kennwort ein und befolgen Sie die Anweisungen auf dem Bildschirm.

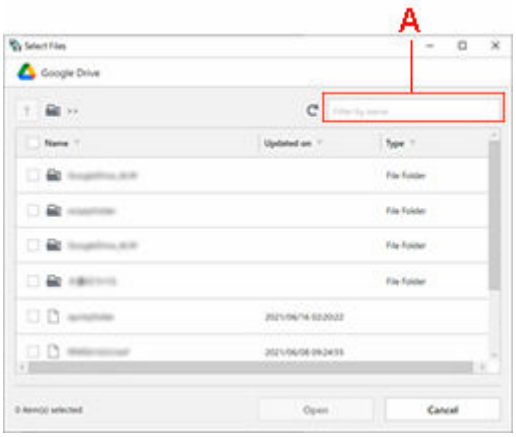
   Hinweis

   - Diese Bildschirmanzeige dient zu Beispielzwecken. Der angezeigte Webservice unterscheidet sich je nach Land oder Region.



3. Wählen Sie die Dateien aus, die Sie ausdrucken möchten

   Wählen Sie den Ordner oder die Datei aus, die Sie ausdrucken möchten, und klicken Sie anschließend auf **Öffnen (Open)** , um sie der **Auftragsliste (Job list)** hinzuzufügen.



Hinweis

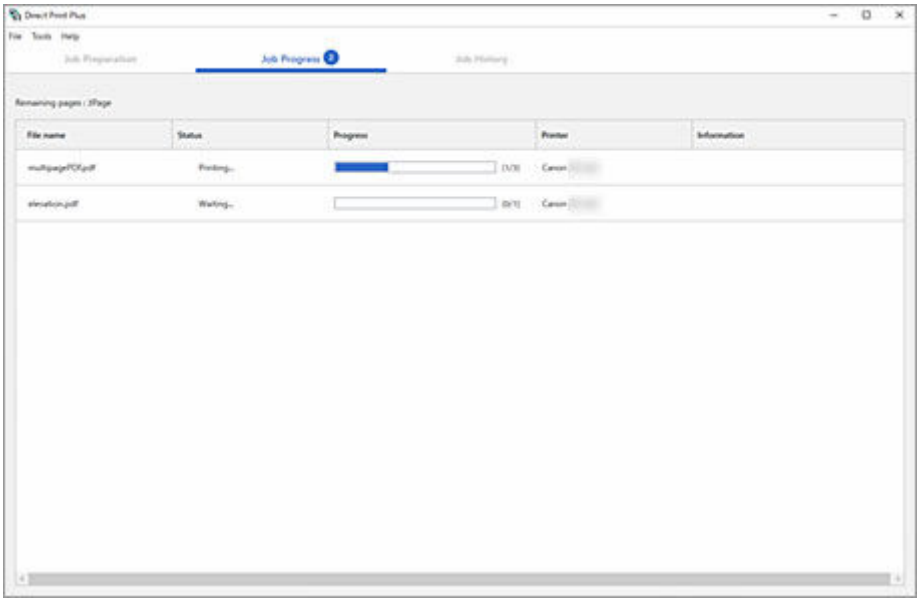
- Sie können Text eingeben, um nach Ordner- oder Dateinamen zu suchen. Wenn Sie im Abschnitt (A) Text eingeben, werden Ordner und Dateien angezeigt, die diesen Text enthalten.

Überprüfung des Druckverlaufs

Wenn Ihnen das Papier ausgeht oder andere Probleme auftreten, können Sie dies per Fernzugriff überprüfen.

1. Auswählen von **Auftragsfortschritt (Job Progress)**

   Der Fortschritt wird für jeden Druckauftrag angezeigt.



   Wenn Fehler oder Warnungen angezeigt werden, ergreifen Sie die gemäß den angezeigten Meldungen erforderlichen Maßnahmen.

Hinweis

- Sie können **Abbrechen (Cancel)** aus dem Menü wählen, das durch Rechtsklick angezeigt wird, um den Druckvorgang zu beenden.

Drucken in umgekehrter Reihenfolge

Wenn Sie die Papierausgabeposition mit der bedruckten Seite nach oben festlegen, wird die erste Seite ganz unten angeordnet und die Reihenfolge der Seiten wird umgekehrt. Wenn Sie die Option **Umgekehrte Reihenfolge (Reverse order)** auswählen, ist das Sortieren der Seiten nicht notwendig.

1. Wählen Sie die Option **Voreinstellungen (Preferences)** unter **Extras (Tools)** in der Menüleiste aus

   Das Dialogfeld **Voreinstellungen (Preferences)** wird geöffnet.

2. Setzen Sie ein Häkchen bei **Umgekehrte Reihenfolge (Reverse order)**

3. Klicken auf **OK**

Eingabe des PIN-Codes und Drucken

Drucken Sie nach Eingabe des PIN-Codes auf dem Bedienfeld des Druckers. Dadurch können Verwechslungen von bedruckten Materialien vermieden werden.

1. Wählen Sie die Option **Voreinstellungen (Preferences)** unter **Extras (Tools)** in der Menüleiste aus

   Das Dialogfeld **Voreinstellungen (Preferences)** wird geöffnet.

2. Setzen Sie ein Häkchen bei **PIN-Code zum Drucken eingeben (Enter PIN code to print)**

3. Klicken auf **OK**

4. Wählen Sie im Startbildschirm **Drucken (Print)** aus

   Ein Bildschirm zur Eingabe des PIN-Codes wird angezeigt. Sie können bis zu 7 Ziffern festlegen.

5. Geben Sie den PIN-Code ein und wählen Sie dann **Fortsetzen (Continue)** aus

   Der Druckvorgang wird nach Eingabe des konfigurierten PIN-Codes auf dem Bedienfeld des Druckers gestartet.

Effiziente Ausrichtung auf Papier und Drucken (Schachtelung)

Drucken Sie mehrere Tabellen und andere Daten, indem Sie sie effizient ausrichten.

1. Setzen Sie in den **Druckeinstellungen (Print settings)** auf dem Startbildschirm ein Häkchen bei **Schachtelung (Nesting)** (Siehe "Grundfunktionen (Startbildschirm)")

   Die ausgewählten Dateien werden automatisch dem Layoutvorgang unterzogen.

2. Konfigurieren Sie die Einstellungen und starten Sie den Druckvorgang

Hinweis

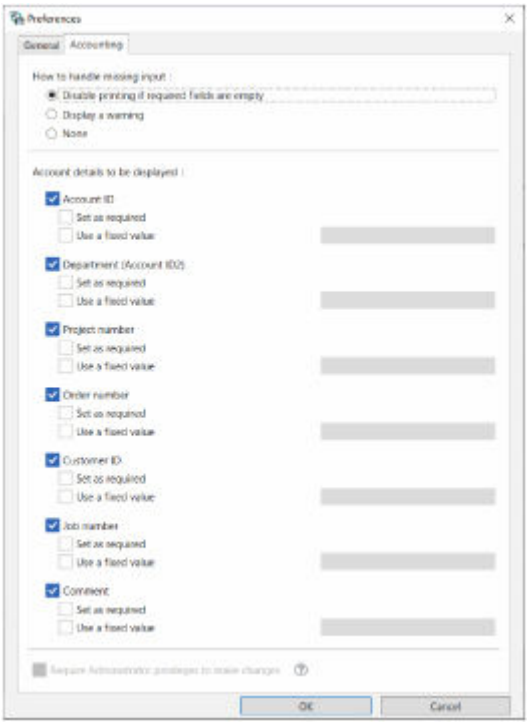
- Die Schachtelung kann durchgeführt werden, wenn mehrere Seiten in einer einzigen Datei vorhanden sind.
- Um Einstellungen zwischen Dateien zu konfigurieren, geben Sie eine Zahl für den **Abstand zwischen Seiten bei Schachtelung (Spacing between pages when nesting)** in den **Voreinstellungen (Preferences)** ein.
- Wenn Sie bei der Schachtelung Seitenränder hinzufügen möchten, aktivieren Sie das Kontrollkästchen **Seitenrahmen bei Schachtelung aktivieren (Enable page frames when nesting)** in den **Voreinstellungen (Preferences)**.

Accounting einrichten

Indem Sie Accounting für Druckaufträge einrichten, können Sie Druckaufträge für jedes Projekt oder jede Organisation verbinden und so einfacher verwalten.

1. Wählen Sie in der Menüleiste**Voreinstellungen (Preferences)** aus
2. Wählen Sie die Registerkarte **Accounting** aus

   Es wird der Accounting-Einrichtungsbildschirm angezeigt.



3. Richten Sie **Bei fehlenden Eingaben (How to handle missing input)** ein

   Wenn Sie das Kontrollkästchen **[Erforderlich] ([Required])** unter **Als erforderlich festlegen (Set as required)** am Ende aktiviert haben, wird die Einstellung Direct Print Plus dort eingerichtet, wo in den Druckeinstellungen des Startbildschirms nichts ausgewählt wurde.

   - **Drucken bei leeren Pflichtfeldern deaktivieren (Disable printing if required fields are empty)**

     Der Druckvorgang wird nicht fortgesetzt.
   - **Warnung anzeigen (Display a warning)**

     Es werden Warnmeldungen angezeigt.
   - **Keines (None)**

     Drucken, auch wenn einige Felder nicht ausgefüllt sind.

4. Stellen Sie für jedes Element **Anzuzeigende Kontodetails (Account details to be displayed)** ein

Hinweis

- Wenn Sie ein Kontrollkästchen für **Administratorrechte für Änderungen verlangen (Require Administrator privileges to make changes)** setzen, können Benutzer ohne Administratorrechte die Kontoeinstellungen nicht ändern. So können Einstellungen einfacher zentral verwaltet werden. Starten Sie Direct Print Plus indem Sie **Als Administrator ausführen (Run as Administrator)** auswählen, um diese Funktion zu aktivieren.
- Wenn Sie einen Wert eingeben, während **Festen Wert verwenden (Use a fixed value)** ausgewählt ist, wird dieser Wert beim Drucken eingestellt und kann am Bildschirm der Druckeinstellungen nicht geändert werden. Wurde der Wert im Druckertreiber festgelegt, wird dieser priorisiert.

Archivordner einrichten

Diese Funktion überwacht spezielle Ordner in Windows (sog. Archivordner oder Hot Folders) auf lokalen Computern und im Netzwerk. Wenn Bilddaten oder Dokumente hinzugefügt werden, beginnt **Direct Print Plus** mit dem Druck. Wenn Sie einen Ordner auf einem Netzwerk-Computer zum Archivordner erklären, können Sie auch auf Computern ohne **Direct Print Plus** drucken, indem Sie einfach Dateien zu diesem Ordner hinzufügen. Diese Anleitung beschreibt, wie Archivordner hinzugefügt und verwaltet werden.

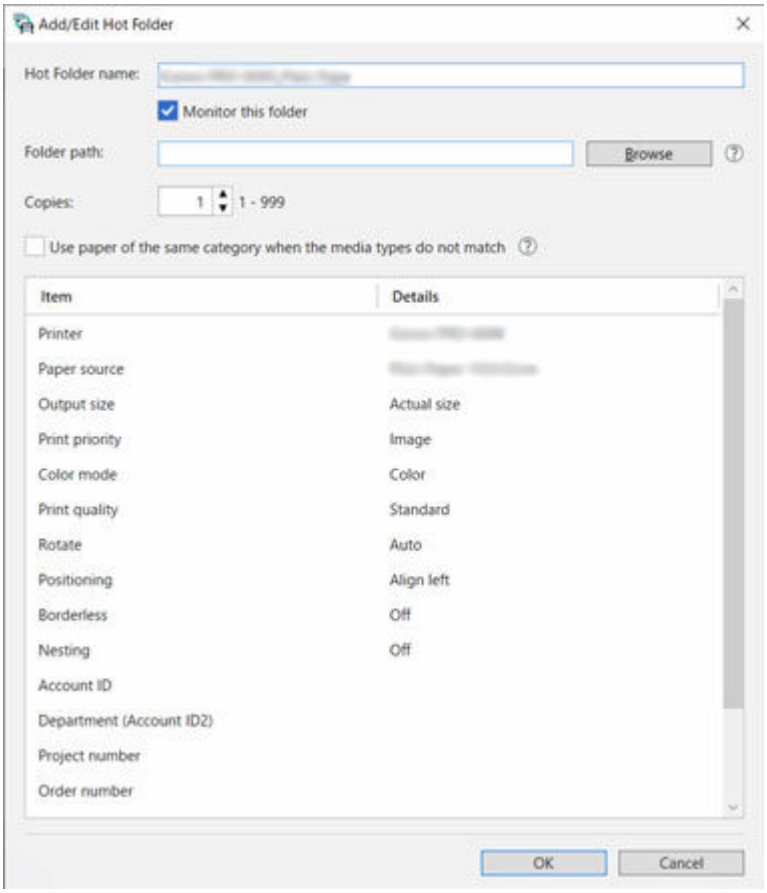
Archivordner hinzufügen/bearbeiten

So können Sie Archivordner hinzufügen oder bearbeiten.

1. Rufen Sie den Startbildschirm auf
2. Wählen Sie den gewünschten Drucker aus dem Pulldown-Menü **Drucker (Printer)** aus, um die Datei zu drucken
3. Konfigurieren Sie die erforderlichen Einstellungen im Bereich Druckeinstellungen
4. Wählen Sie die Option **Archivordner hinzufügen/bearbeiten (Add/Edit Hot Folder)** über **Extras (Tools)** in der Menüleiste aus.

   Das Dialogfeld **Archivordner hinzufügen/bearbeiten (Add/Edit Hot Folder)** wird geöffnet. Nehmen Sie die entsprechenden Einstellungen vor.

   Der ausgewählte Ordner wird jetzt zu einem Archivordner.



Archivordner verwalten

So können Sie Ihre Archivordner verwalten.

1. Wählen Sie die Option **Archivordner verwalten (Manage Hot Folders)** über **Extras (Tools)** in der Menüleiste aus.

   Das Dialogfeld **Archivordner verwalten (Manage Hot Folders)** wird geöffnet.

   Sobald eine Datei zu einem Ordner hinzugefügt wird, bei dem der **Überwachungsstatus (Monitoring status)** auf **Überwachung (Monitoring)** gestellt ist, wird die Datei automatisch ausgedruckt. Ist der Ordner hingegen auf **Pause (Paused)** eingestellt, wird die Datei nicht gedruckt.

   Um die Ordnerinformationen zu ändern, öffnen Sie das Menü mit einem Klick und wählen Sie **_Bearbeiten (_Edit)** aus. Sie können hier ebenfalls den Überwachungsstatus ändern.

Manage Hot Folders
If a file is added to a Hot Folder, printing will start automatically.
Monitoring
Hot Folder name
Folder path
Printer
Media type
Updated on
Edit
Delete
Close

Einschränkungen beim Drucken von PDF-Dateien

Diese Beschränkungen gelten bei der Verwendung von Direct Print Plus zum Drucken von PDF-Dateien, die die nachfolgende Bildverarbeitung enthalten.

Bei der Verwendung von Direct Print Plus zum Drucken von PDF-Dateien, die mit Adobe Illustrator oder anderen Anwendungen für grafische Zwecke erstellt wurden, ist Vorsicht geboten.

- Transparenzverarbeitung

  In manchen Fällen wird die Transparenz möglicherweise nicht wie beabsichtigt verarbeitet.

- Schatten

  In manchen Fällen werden die Schatteneffekte (auf Text, Formen usw. angewendete Schatteneffekte), die auf Objekte angewendet werden, welche in Rechtecken mit Transparenzverarbeitung platziert sind, möglicherweise nicht ordnungsgemäß verarbeitet.

- Überdrucken

  Die überlagernden Teile von Bildern werden nicht wie beabsichtigt gedruckt.

- PDF mit Sicherheitseinstellungen

  Kann nicht gedruckt werden.

- 16-Bit-Daten oder JPEG 2000-Bilddaten mit Transparenzeinstellungen

  Bilder können nicht gedruckt werden.

- PostScript-Daten

  Bilder können nicht gedruckt werden.

- Halbtöne

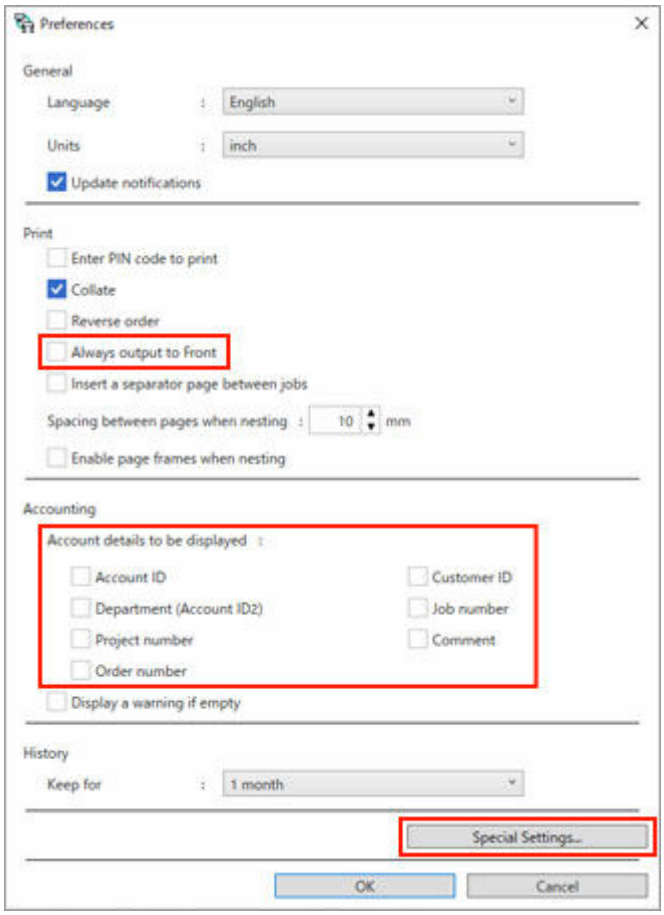
  Kann nicht gedruckt werden.

- Daten mit hinzugefügten Kommentaren

  Bilder können nicht gedruckt werden, wenn es keine Daten zum Anzeigen von Kommentaren gibt.

Andere (Einstellungen)

Hier werden nützliche Funktionen erläutert.



Immer nach vorne ausgeben (Always output to Front)

Wenn Sie dieses Element aktivieren, können Canon-Drucker mit mehreren Papierausgabepositionen so eingestellt werden, dass die Ausgabe immer vorne am Drucker erfolgt.

Sondereinstellungen (Special Settings)

Wenn Sie die Option **MediaBox-Bereich als PDF-Seitengröße verwenden (Use MediaBox area as PDF page size)** auf **Ein (On)** setzen, werden PDF-Dateien mit den zugeschnittenen Bereichen gedruckt.

Fehlersuche

Falsche Reihenfolge beim Drucken von Direktaufrufdrucken

Betriebssystemspezifikationen können dazu führen, dass Ihre Dateien nicht in der ausgewählten Reihenfolge ausgedruckt werden.

Wenn Sie Dateien in einer bestimmten Reihenfolge ausdrucken möchten, legen Sie die Dateien nacheinander ab und drucken Sie sie.

Ich möchte auch nach dem Kauf eines neuen Druckers das Direktaufrufdrucksymbol weiter verwenden

Falls es sich bei dem neu gekauften Drucker um dasselbe Modell handelt, können Sie das Direktaufrufdrucksymbol weiterhin verwenden, solange Sie den verwendeten Anzeigenamen nicht ändern.

Ich möchte die Ergebnisse von Direktaufrufdrucken prüfen

Die Direktaufrufdruckergebnisse werden in Berichtsdateien exportiert.

Berichtsdateien werden unter "\Canon\imagePROGRAF Direct Print Plus\Shortcut Print\Reports" in **Dokumente (Documents)** oder **Eigene Dokumente (My Documents)** erstellt.

Der Name der Berichtsdatei lautet "{Datum und Uhrzeit der Berichtsausgabe (yyyymmddhhmmss)}-{Millisekunden}_{Dateiname des Druckdokuments.Erweiterung}.log".

Der obere, untere, linke und rechte Rand der Bilder wird nicht gedruckt

Im Startbildschirm ist die **Ausgabeformat (Output size)** auf **Tatsächliche Größe (Actual size)** , **Halbe Größe (Half size)** , oder **25%** – **250%** eingestellt. Ändern Sie sie in eine andere Einstellung.