

PostScript® Driver

This manual describes the use of the PostScript® Driver for Adobe® InDesign® with Premium editions of the AccurioPro® VDP software from Konica Minolta. This Print Driver provides the ability to produce variable data output in a PostScript format.

Topics Covered in this Manual:

- ✓ Overview
- ✓ Installation
- ✓ Using the PostScript Driver
- ✓ Setting PostScript Driver preferences
- ✓ Producing output for “Forms Caching” technologies, such as EFI™ Fiery® VDP FreeForm™
- ✓ Using the “Mark as Variable” feature
- ✓ Applying custom job names (file names) to the output
- ✓ Using the “Insert PostScript” feature
- ✓ Technical Support

AccurioPro
Variable Data

Overview

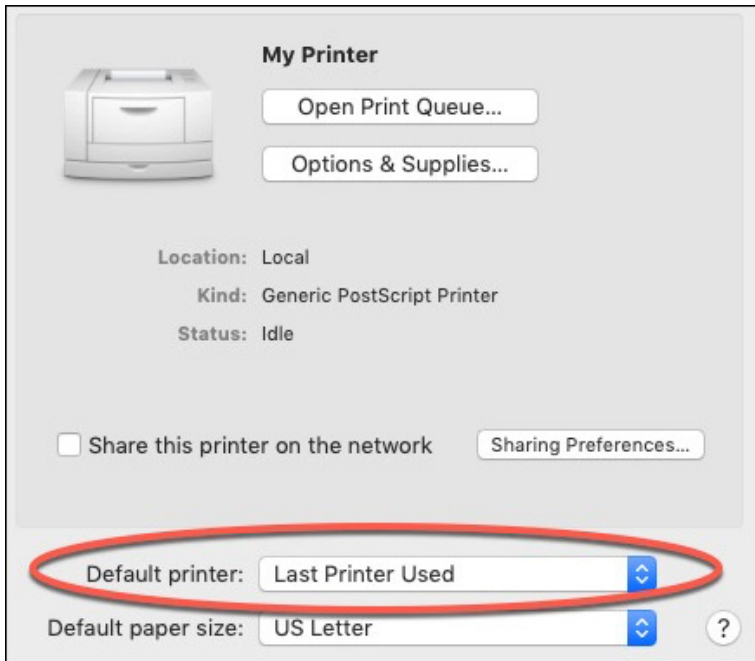
About the PostScript® Driver

Using the PostScript® Driver with AccurioPro VDP allows you to produce merged output in a PostScript format. Additionally, the PostScript Driver provides the ability to automatically separate the PostScript output into multiple files or jobs for your printing device.

Requirements for the PostScript® Driver

First, you must be using a Premium edition of the AccurioPro VDP software for Adobe® InDesign®. Additionally, the workstation where the PostScript Driver will be running must have a PostScript printer installed or have a PostScript PPD available for selection for the PostScript Driver output. Also, the workstation must have enough disk space and memory available to support creating the output, and the printing system must have enough disk space to hold and process the PostScript output.

One additional requirement for those using a Macintosh OS X system: To use the PostScript Driver successfully on a Macintosh OS X system, it is recommended that you set your system's default printer to the "last printer used". For example, open your **Printers & Scanners** System Preferences and select **Last Printer Used** from the **Default printer** popup menu, as shown circled in the picture below:



About this Manual

This manual presents detailed descriptions of the installation, features, and user interface for all versions of the software. Since for the most part, the software operates the same regardless of the version, pictures from the Macintosh platform are used throughout the documentation. In the few cases where a particular window or functionality differs significantly from one version to another, specific pictures and settings are fully identified.

Additional Documentation

Tutorial #1a (The Basics) — the Form Letter tutorial — in the AccurioPro VDP Tutorial Manual offers a step-by-step example using some of the features described in this manual. The AccurioPro VDP Tutorial Manual is available in PDF format in AccurioPro VDP Documentation. To download the latest version of AccurioPro VDP Documentation, go to the following web page: www.accurioprovdvp.com/downloads.

Installation

Standard Component

If you are already running AccurioPro VDP in Adobe® InDesign®, the PostScript® Driver is already installed as a standard component of the AccurioPro VDP software.

The PostScript Driver is a standard component of the AccurioPro VDP software package for InDesign. As such, this module is installed automatically when the AccurioPro VDP software is installed in InDesign. This module works only in conjunction with Premium editions of this software package.

Required Modules

PostScript Driver

(file name: MPS DM OPS Driver)

This is the module that enables the PostScript® output capabilities of AccurioPro VDP.

Using the PostScript® Driver

This manual assumes that you are already familiar with the basic operation of the Konica Minolta AccurioPro VDP software and that you have completed **Tutorial #1a (The Basics)** in the AccurioPro VDP Tutorial Manual, which is available in PDF format in AccurioPro VDP Documentation. If you are not familiar with AccurioPro VDP, read this introductory tutorial first before continuing with this manual.

Also, before continuing, please note the PostScript Driver for InDesign does not currently provide an Image Caching feature. Without Image Caching, a PostScript merge session downloads each image into the output every time the image is encountered on a merged page. For instance, if a single-page, 1-up document is using an EPS image as a fixed (invariable) picture, and a PostScript session merges 100 records, the EPS graphic file will be downloaded 100 times. If the EPS file is small, this may not have much impact, however, if the EPS file is large, the resulting “Fat PostScript” output (PostScript files that have no cached images) will be very large.

Therefore, when a document uses large graphic files, before proceeding with a PostScript merge session, confirm the workstation where AccurioPro VDP is running has enough disk space and memory available to produce the output. Additionally, the printing system must have enough disk space available to store and process the output.

Additionally, to avoid creating large PostScript output, consider pre-printing the fixed background content and then hide the fixed background content in the document before you use the PostScript Driver to print variable content only, as described later in this manual.

Otherwise, you may prefer to use the **PDF Driver** or the **PPML Driver** because these Print Drivers do have caching capabilities. Also, note that the PPML Driver provides performance enhancements for variable data jobs that use variable pictures or that use a Page Rule to apply Master Pages while merging. For more details about these other Print Drivers for Premium editions of AccurioPro VDP, see their manuals which are available in PDF format in AccurioPro VDP Documentation.



For best performance, place the document that you will be merging and all of its required files (data file, document files, graphic files, text files) on the workstation where AccurioPro VDP is running. For optimal performance, we do not recommend merging files from a File Server volume because this will increase the amount of time required to import these while merging the document. Please note this is a recommendation for optimal performance and not a requirement. A Print Driver merge session can import files from a File Server volume.

Start a PostScript® Merge Session

To use the PostScript Driver, follow the steps outlined below:

1) Open a document.

Open a document that has been prepared by AccurioPro VDP for variable data. For this example, open the sample Form Letter document (“Form Letter.indd”) which exists inside the “1) Form Letter” Tutorial Files folder in AccurioPro VDP Documentation. Confirm the document has the AccurioPro VDP Links that you added when you followed the steps in **Tutorial #1a (The Basics)**.

When opening the document, replace any missing fonts, and update any modified/missing pictures (the pictures are in the same folder as the sample document). Also, if you want to print any item that is off of the live area of the page (i.e., it is on the pasteboard area), then be sure that one edge of the item is touching the page.

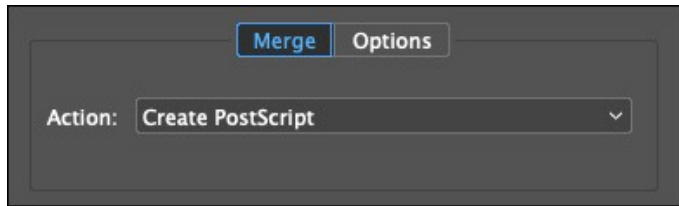
2) Select Merge from the AccurioPro menu.

This opens the **AccurioPro** window.

3) Choose the range of records you wish to process.

For this example, select **All**, check **Skip Header Row**, and **Step by 1**.

4) For the Merge Results, click Print and select Create PostScript.



5) Select appropriate Options for this merge session.

To access options for a merge session, click the **Options** button. You can then select the options that would be appropriate for this merge session. For this example, select **Off** for **CopyFit**, and select **Standard Mode** for **Rules**.

6) Click the Start button, and select a data file if prompted to do so.

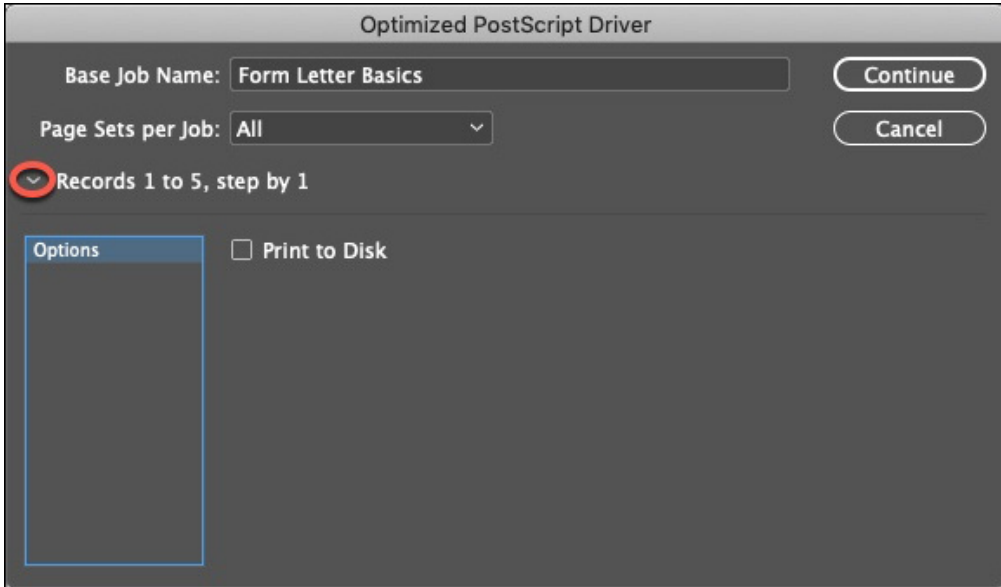
The sample data file for the Form Letter tutorial is named “Form Letter.txt” and is located in the “1) Form Letter” Tutorial Files folder.

7) Select PostScript Driver options for the merge session.

Before starting the merge session, AccurioPro VDP opens the **PostScript Driver** window which allows you to select additional options that pertain to a PostScript Driver merge session, as described in the next set of steps.

Select PostScript® Driver Options

The **PostScript Driver** window, shown below, lets you select options that are specific to a PostScript Driver merge session. If the window is not fully extended, you may click the “disclosure triangle”, which is shown circled in the picture below:



Each option on the **PostScript Driver** window is described below:

Base Job Name

The Base Job Name serves as the base of the file names that will be given to the files the merge session creates. By default, the Base Job Name is the name of the current layout/document. However, certain characters will be automatically converted to an underscore (_) or a hyphen (-) to ensure the name will be compatible with any system. Additionally, to provide a unique name for each file that the merge session creates, the Print Driver will automatically add a separator character, the record range whose pages the file contains, and then the appropriate file name extension. Note there are several preferences related to naming output. For more details about these, see the “Preferences” topic later in this manual.

Page Sets per Job

A Premium edition of AccurioPro VDP allows you to control the number of print jobs (in this case, PostScript files) that will be created by this merge session. Selecting **All** will create one job (one file) that contains all of the merged pages. You may prefer to indicate a maximum

number of merged page sets (variations of the document) to place in a single job (output file), which allows you to produce jobs (output files) of a more manageable size when merging large data files.

All

Select **All** (the default setting) to automatically include all of the merged pages in a single job. For example, if you are merging 427 records one-by-one into a two-page document and select **All** for **Page Sets per Job**, the merge session will produce one job that contains all 427 merged page sets (954 merged pages, the 427 variations of the two-page document). The job's name will indicate the record range it contains based on which record is in the first-up on each merged page set, for example: "Form Letter_1-427.ps".

Specify

The **Specify** option allows you to control the number, and therefore size, of the jobs that the merge session will create. This option also lets you start processing merged pages on your printing device while the merge session continues producing remaining pages. For a multiple-up document (a document that is set up to merge multiple records onto a page), use this option to automate running Step-by-Step or Stack Range merge sessions on consecutive ranges of records.

Select **Specify** to automatically separate the output into several jobs for the printer, which can result in greater overall throughput. We call this "chunking". When the merge session finishes producing the first "chunk", the merge session can send the job to the printer so the printing device can get started (rather than waiting for the session to finish producing all of the pages). Then the session automatically continues merging to produce the next chunk of output and then sends that job to the printer. This process continues until all of the records have been processed.

After you select **Specify**, then enter your desired number of page sets per job. Note that the Print Driver window will also display in parentheses the number of merged pages that will be contained by the number of page sets you have specified. If you enter the number "1", then the merge session will produce a job for each new page set. If you enter a number that is greater than the total number of page sets to be processed, then all of the merged pages will be printed in a single job.

For example, using the above example of merging 427 records one-by-one into a document, if you select **Specify** and enter "100" for **Page Sets per Job**, then the merge session will create five jobs, four containing 100 merged page sets each, and one containing the final 27 merged page sets. Each job's name will indicate the record range it contains based on which record is in the first-up on each merged page set, for example: "Form_Letter_1-100.ps", "Form_Letter_101-200.ps", "Form_Letter_201-300.ps", "Form_Letter_301-400.ps", and "Form_Letter_401-427.ps".

Subset

The **Subset** option, which is available when you are using a **Cut & Stack** or **Stack Subset** mode for the merge session (described in **Tutorial #3** in the AccurioPro VDP Tutorial Manual), allows you to control the number and size of the jobs that the merge session will create by automating running multiple Stack Subset merge sessions on consecutive ranges of records. This lets you cut & stack each printed job independently of the other jobs the merge session creates. Also, this option lets you start processing merged pages on your printing device while the merge session continues producing remaining pages.

Select **Subset** to automatically separate the output into several jobs that contain subsets of the records selected for the merge session. The subset of records for each job will be merged in a Cut & Stack sequence.

After you select **Subset**, then enter your desired number of page sets per job. When merging, the merge session will separate the records into subsets that contain the number of records required to merge each job and will merge the subset of records for each job in a Cut & Stack manner.

For example, when merging all 8 records of an 8-record data file into a 2-up document in a Cut & Stack mode, if you select **Subset** and enter “2” for **Page Sets per Job**, the merge session will merge the first four records (record #1 through record #4) in a Cut & Stack sequence into the first job and then will merge the last four records (record #5 through record #8) in a Cut & Stack sequence into the second job. Each job’s name will indicate the record range it contains based on which record is in the first-up on each merged page set, for example: “ID_Badges_1-2.ps” and “ID_Badges_5-6.ps”.

Print to Disk

Turn on (check) this option to save the output as PostScript files on a file system. The jobs will be placed in the destination folder that you will select in a later step. You can then submit the jobs to whichever printer you prefer at any time by using a submission tool for that printing device or by placing the jobs in a “Hot Folder” if your digital printing system provides support for Hot Folders. Or, you may select a Hot Folder as the destination folder, noting that this means you may not end up with a copy of the output on your own system.

If this option is Off (unchecked; the default setting), the merge session will send the PostScript output to the printer that you select in a later step.



It can be useful to send output, or a copy of the output, to a Hot Folder. A Hot Folder can automatically send each job to your printer for processing as soon as each job has been produced and also can optionally assign specific printer settings to those jobs. Additionally, a Hot Folder can normally send a job to a printer significantly faster than a print queue on your system can.

Select Printing Options

When you have finished selecting your PostScript Driver options, click the **Continue** button. Before the merge session starts, the PostScript Driver presents the usual **Print** window where you can select printing options for the merge session.

The instructions for selecting printing options differ between sending the output to a PostScript printer and saving the output as PostScript files on a disk. Below are instructions to send the output to a PostScript printer, followed by instructions to save the output as PostScript files on a disk.

Send Output to a PostScript® Printer

To send the output to a PostScript printer, follow the steps below:

1) Specify a print job as you normally would.

Select settings as you normally would to print the document on your printer. Select a PostScript printer and any other printing options that are appropriate for the document.

IMPORTANT NOTE: Before continuing, confirm that you have selected a PostScript PPD and also confirm that a specific size has been selected for the **Paper Size** on the **Setup** panel (do not select "Defined by Driver").

2) In the Print window, click the Print button to continue.

Click the **Print** button to continue. Clicking **Cancel** will cancel the session.

Save Output as PostScript® Files on a Disk

To save the output as PostScript files on a disk, follow the steps below:

1) Specify a print job as if you were sending it to the printer.

Select settings as you normally would to print the document on a printer. Note that if you checked the **Print to disk** option on the **PostScript Driver** window (see preceding set of steps), then you do not have to choose the "PostScript File" printer; instead, you may select any PostScript printer, which allows you to select more options on the Print window.

IMPORTANT NOTE: Before continuing, confirm that you have selected a PostScript PPD and confirm that a specific size has been selected for the **Paper Size** on the **Setup** panel (do not select "Defined by Driver").

2) In the Print window, click the Save or Print button to continue.

The **Print** window will display either a **Save** button or a **Print** button, depending on the type of printer you have selected. You can click either button to continue, and the Print Driver will prompt you to select a Destination Folder for the file output. Clicking **Cancel** will cancel the session.

3) Select a location for the files.

The location where you elect to store this file will be the location where all of the PostScript files for the current merge session will be written. You may ignore the file name that is suggested here, and the Print Driver will automatically name the files according to the Base Job Name that you specified earlier.

When ready, click the **Save** button on this window. This will start the merge session. Clicking **Cancel** will cancel the session.



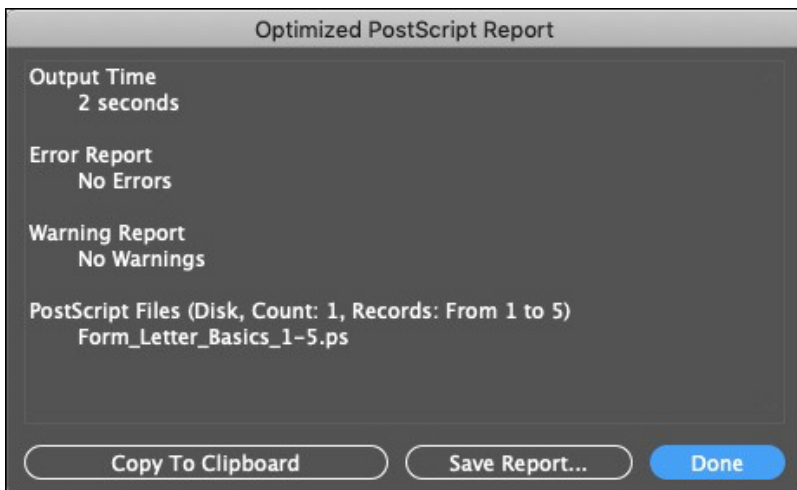
For best performance, select a location on the workstation where AccurioPro VDP is running.

Track the Progress of the Session

The merge session displays progress windows as the output is being produced. You may click **Cancel** at any time to cancel the session. When the session is completed, the Print Driver presents a summary report, which is described next.

Review the Summary Report

A summary report details the jobs that were created and any page sets that were omitted due to errors. You may copy the report to the clipboard, or save it as an external file. A sample summary report is provided in the picture below:



Print the PostScript® Output

The selected destination, either a printer queue or the folder you selected if printing to disk, should now contain all of jobs from the merge session:

- If you sent the output directly to a printing queue on your printing device, the printer will print the output using the printer settings that were selected for that output when it was produced.
- If you sent the output directly to a holding queue on your printing device, you may use your printing device's job management software to apply specific printer settings to the output before printing it.
- If you saved the output to a Hot Folder, the Hot Folder may assign specific printer settings to the output when it places the output on a printer queue.
- If you saved the output to a folder on your system, you may use a submission tool to submit the output, and to specify printer settings if the submission tool supports doing so, to the appropriate printer queue.

For information about printing a PostScript job on your printer, consult the documentation for your printing system.

PostScript® Driver Preferences

There are a number of AccurioPro VDP preferences available that apply to this Print Driver. To access these preferences, select **Preferences** from the **AccurioPro** menu. This opens the **Preferences** window for AccurioPro VDP. Click the **Output** button to modify the Output preferences, which allow you to control various aspects of a Print Driver merge session, including file naming. For a detailed description of each preference, including those that apply to this Print Driver, see the **AccurioPro VDP Preferences** manual, which is available in PDF format in AccurioPro VDP Documentation.

Separating Fixed and Variable Content

Overview

What is “Fixed” & What is “Variable”

Before you begin this section, you need to become familiar with some related terminology. Each document consists of a series of “elements”. Essentially, an **element** is a text frame, picture frame, or line. In a variable document, each element on a given page is either a “fixed element” or a “variable element”. A **fixed element** is an element that remains the same on each merged page. A **variable element** is an element that changes on each merged page (such as a frame that contains at least one Variable Link).

For example, the sample Form Letter tutorial document (referenced previously in this manual) contains two variable elements: (1) the inside address; and (2) the credit card logo. The remaining twelve elements are fixed: (1) the border on the left side of the page; (2) the bank’s logo in the heading; (3) the bank’s name above the bank’s logo; (4) the name of the bank in the heading; (5) the blue line separating the heading from the body of the letter; (6) the address of the bank in the heading; (7) the body of the letter; (8) the signature; (9) the introduction to the bank contact information below the body of the letter; (10) the bank contact information; (11) the blue line separating the body from the foot of the letter; and (12) the reference information in the foot of the letter.

What is “Forms Caching”

The term **Forms Caching** refers to a printing system’s ability to store a PostScript file in a preprocessed (“RIP’ed”) format and then print this stored data in combination with other PostScript files at a later time. This allows you to optimize printing performance by printing the fixed background of a job as a “Form”. A **Form** is a PostScript file that will be stored by the printing system in a special format which is ready to be imaged on a page.

For example, you could print the fixed background of a job as a Form so the fixed background would be processed (“RIP’ed”) only once and the rendered data stored for re-use. Then, you can send just the variable foreground of the job to the printer to be combined on the printer with the preprocessed Form to print a composite. In this scenario, overall printing performance is improved. Since the fixed background is downloaded and processed only once, the overall size of the job will be much smaller and the printing system will process the job much faster.

Benefits to Separating Fixed and Variable Content

Printing variable content separately from fixed content improves both merging and printing performance because this allows the printing system to process (“RIP”) the fixed content only once instead of repeatedly processing it for each merged page. Additionally, since the merge session for the variable content does not include fixed content, there is less overall content for the merge session to process, resulting in a faster merge session and smaller output. Since the merged output is smaller and the fixed content can be preprocessed as a Form for the variable content, the job will print much faster than a Composite job (which would repeat the fixed content on each page of output, requiring a longer time to merge, creating larger output, and requiring a longer time to print).

Scenarios for Using the Output Feature

There are basically three printing scenarios where you may wish to take advantage of printing fixed content and variable content separately.

Standard PostScript Printer (using Preprinted Forms or Shells)

Let’s assume you need to print 100 merged pages on a color laser printer. First, use InDesign to send the fixed content to the printer and print 100 copies. The fixed content would be processed (“RIP’ed”) only once to produce the 100 printed copies, which function as Preprinted Forms/Shells for the variable content.

Then, place these Preprinted Forms in the appropriate paper tray on your printer, and use the PostScript Driver to send the variable content to the printer. Each unique variable page will then print over one of the Preprinted Forms, resulting in a final composite.



You can also use this approach to print variable content onto preprinted forms that were produced conventionally using an offset or other printing process.

Printing System with “Forms Caching”

If you are using a printing system that supports Forms Caching (such as EFI Fiery FreeForm, which is a Forms Caching technology developed by Electronics For Imaging), the process of printing variable content output on top of fixed content output is more automated than in the first scenario.

First, you use InDesign to send the fixed content for the job to the printer as a Form. You identify the fixed content as a Form when selecting the fixed content's printing options on the Forms Caching printing system.

Next, once the fixed content has been processed by the printer as a Form, you use the PostScript Driver to send the variable content for the job to the printer. Then, you specify a Form for the variable content on the Forms Caching printing system.

The printer will automatically combine the variable content output with the preprocessed Form (the fixed content) to produce a composite (Fixed and Variable) printed job. All of the commands related to processing, storing, and recalling a Form are controlled via the Forms Caching printing system.

A Two-Step Process

As seen in the above scenarios, there are two steps in printing fixed content and variable content separately. First, you use InDesign to print the fixed content for the job. Then, you use the PostScript Driver to send the variable content for the job to the printer. For example, follow the two sets of steps below to see how to use the PostScript Driver to print a Variable Data Printing job in a Forms Caching manner.



These instructions demonstrate using a PPD for an EFI Fiery FreeForm system as an example. Although the actual implementation of Forms Caching varies from printer to printer, these instructions are virtually identical for any other similar Forms Caching system. For best results, consult the documentation for your printer for more specific information about using its Forms Caching feature.

Use the "Create Fixed & Variable Layers" Utility

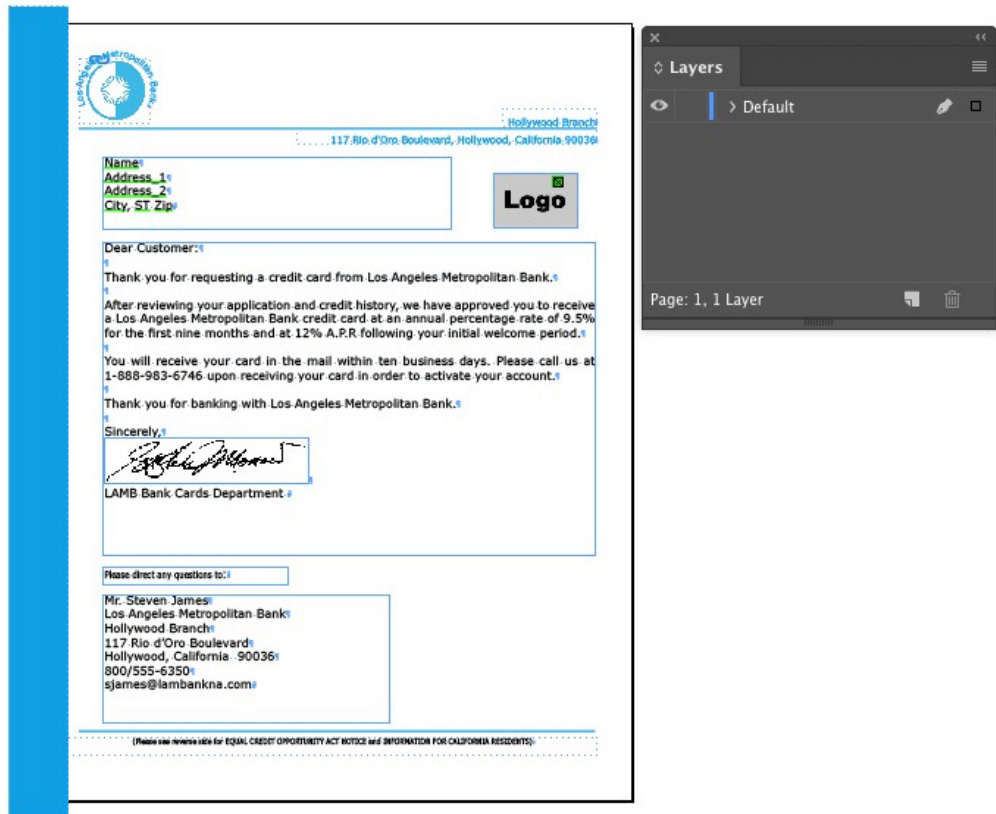
The first thing you are going to do is separate the fixed content and the variable content in a document. Follow the steps below to use the "Create Fixed and Variable Layers" Utility to separate the content automatically.

1) Open a document.

Open a document that has been prepared by AccurioPro VDP for variable data. For this example, open the sample Form Letter document ("Form Letter.indd") which exists inside the "1) Form Letter" Tutorial Files folder in AccurioPro VDP Documentation. Confirm the document has the AccurioPro VDP Links that you added when you followed the steps in **Tutorial #1a (The Basics)**.

When opening the document, replace any missing fonts, and update any modified/missing pictures (the pictures are in the same folder as the sample document). Also, if you want to print any item that is off of the live area of the page (i.e., it is on the pasteboard area), then be sure that one edge of the item is touching the page.

This document has one layer, as shown below:

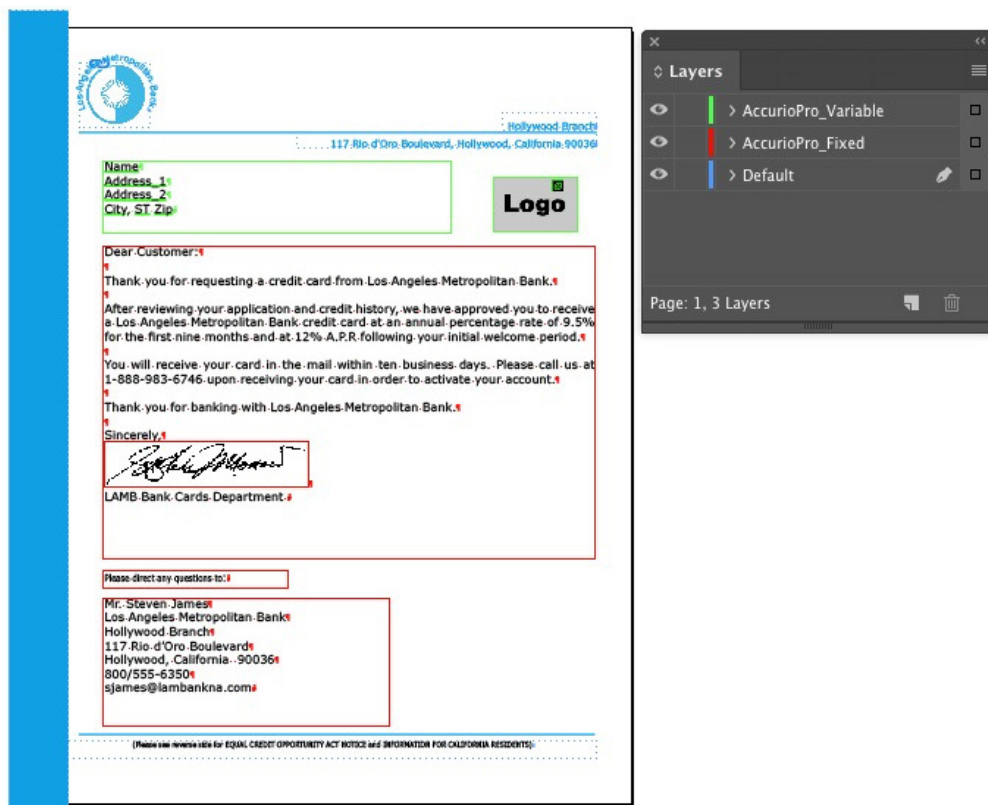


2) Ungroup and unlock elements in the document, then save the document.

Before using the Create Fixed & Variable Layers utility, ungroup and unlock all elements in the document except those elements that you do not wish to have separated or moved to new Layers. Also, use the "Mark as Variable" feature (described later in this manual) to mark any fixed objects that you would prefer be placed on the Variable Layer instead of the Fixed Layer. In this example, the content is ready to be separated.

3) Select **Create Fixed & Variable Layers** from the **AccurioPro** ⇒ **Utilities** menu.

AccurioPro VDP adds two new Layers to the document, moves all variable content to the "AccurioPro_Variable" Layer and moves fixed content to the new "AccurioPro_Fixed" Layer. Any applied Master Page Content will remain on its original Layers. Additionally, any fixed content that has been **Marked as Variable** (described later in this manual) will be moved to the "AccurioPro_Variable" Layer. After using this utility on the sample Form Letter document, the document will have three Layers, as shown below:



4) Review the content on each Layer.

Before continuing, you may review the content that is on each Layer to determine if there is any fixed content that must be printed with the variable content. If so, you may move that fixed content to the "AccurioPro_Variable" Layer. For example, if there is a

transparency effect that involves both fixed and variable elements, move this fixed content to the "AccurioPro_Variable" Layer to retain the transparency effect when the variable content is printed. Or, if there is any fixed content that must be printed with variable content for a Text Wrap, move that fixed content to the Variable Layer. In this example, do not move any fixed content to the "AccurioPro_Variable" Layer; instead, simply continue to the next set of steps.

Print Fixed Content Only (Form Output)

You are now ready to print the fixed content separately from the variable content. If you are printing to an EFI Fiery FreeForm system or other printer with Forms Caching support, you will instead have the printing system process this fixed content as a Form or Master.

Follow the steps below to print the fixed content separately or, if you are printing to a Forms Caching printing system, to process this fixed content as a Form or Master:

1) Hide the "AccurioPro_Variable" Layer.

Hide the "AccurioPro_Variable" Layer and show all of the other Layers that contain the fixed content for the Form.

2) Select **Print** from the **File** menu, and select printing options for the Form.

The settings you select depend on the type of printer you are using. Of course, be careful to choose to omit hidden layers. Also, remember the settings that you choose because the same settings must be selected when AccurioPro VDP prints the variable content.

Additionally, for a Forms Caching printer, you may use the PPD to specify the job is a Form, or you may do this via the printing system's Job Properties once the job is on the printer's Hold Queue. A Form will be stored in memory when processed and can then be printed as the background for a variable content file.

For example, if you are using a PPD for an EFI Fiery FreeForm system, you would click the **Printer** button to open the window where you can access the **EFI FreeForm** or **VDP** feature set to select a number from the **Create Master** option (you must remember this number for the next set of steps).



*If your document contains more than one page, you may need to check the **Print Blank Pages** printing option to ensure the fixed content output will have the same number of pages as each merged page set in the variable content output.*

3) In the **Print** window, click the **Save** or **Print** button to continue.

The **Print** window will display either a **Save** button or a **Print** button, depending on the type of printer you have selected.

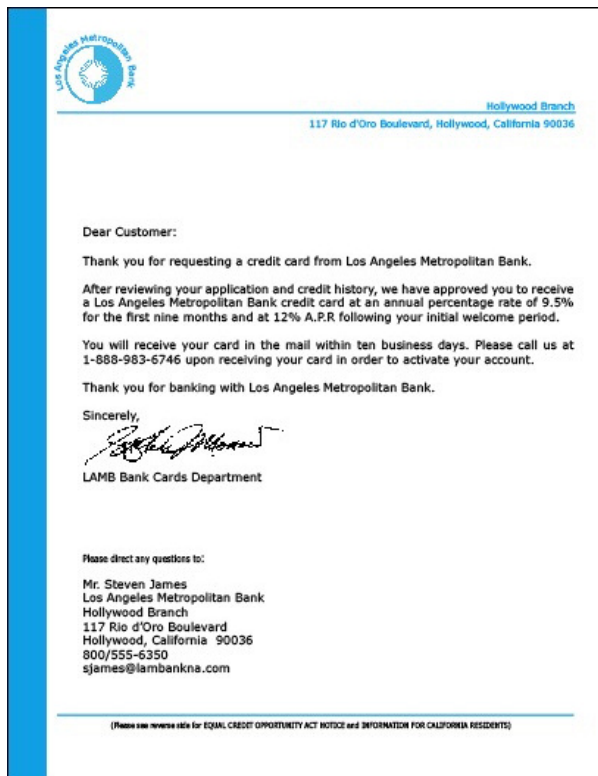
Verifying Form Output


The print session will create a single output file that has the same number of pages as the document and each page will contain only fixed elements. The file name of the output file will match the document's file name.

For those who are not printing to a printer with Forms Caching support, print as many copies as required for use as Preprinted Forms/Shells for the variable content that you will print in the next set of steps.

For those printing to an EFI Fiery FreeForm system or other printer with Forms Caching support, if you sent the file to the printer's holding queue before specifying this file is a Form, do so now via the printing system's Job Properties for this file. Then process the file. When you process the file on a Forms Caching system, you may or may not receive printed output, depending upon the system you are using. In any event, the Forms Caching system will store the processed job as a Form under the Form identification number that you specified for it.

For example, if you individually print the Form from this set of steps, the printed Form should look like the page in the picture below:



 **Los Angeles Metropolitan Bank**

Hollywood Branch
117 Rio d'Oro Boulevard, Hollywood, California 90036

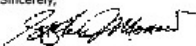
Dear Customer:

Thank you for requesting a credit card from Los Angeles Metropolitan Bank.

After reviewing your application and credit history, we have approved you to receive a Los Angeles Metropolitan Bank credit card at an annual percentage rate of 9.5% for the first nine months and at 12% A.P.R. following your initial welcome period.

You will receive your card in the mail within ten business days. Please call us at 1-888-983-6746 upon receiving your card in order to activate your account.

Thank you for banking with Los Angeles Metropolitan Bank.

Sincerely,

LAMB Bank Cards Department

Please direct any questions to:

Mr. Steven James
Los Angeles Metropolitan Bank
Hollywood Branch
117 Rio d'Oro Boulevard
Hollywood, California 90036
800/555-6350
sjames@lambankna.com

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Print Variable Content Only

Next you are going to output the variable content of the document. If you are printing to an EFI Fiery FreeForm system or other printer with Forms Caching support, you will use the printing system's Job Properties to direct the printer to print the variable content output on a selected Form. Then, when you print the variable content output, the printing system will combine the selected Form with the variable content, printing the pages of variable content on top of the fixed content that you created in the previous set of steps.

Follow the steps below to output variable content only and, if you are printing to a Forms Caching printing system, to print this variable content on the "Form" which was created by the previous set of steps:

1) Show the "AccurioPro_Variable" Layer and hide all other Layers.

Show the "AccurioPro_Variable" Layer and hide all of the other Layers containing the fixed content that you printed for the Form in the previous steps.

2) Select Merge from the AccurioPro menu to open the AccurioPro window.

3) Choose the range of records you wish to process.

For this example, select **All**, check **Skip Header Row**, and **Step by 1**.

4) For the Merge Results, click Print and select Create PostScript.

5) Select appropriate Options for this merge session.

6) Click Start Merge and, if prompted for the data file, select "Form Letter. txt".

7) Select PostScript Driver options for the merge session, and then click Continue.

Select PostScript Driver options as described earlier in this manual. For this example, enter "Form Letter Basics" for the **Base Job Name** and select **All** for the **Page Sets per Job**. Also, check or uncheck the **Print to disk** option as you prefer (uncheck this option if you wish to send the output directly to the printer). Then, click the **Continue** button.

8) Select printing options for this job.

Next, you will be prompted with the usual **Print** window for InDesign. Select exactly the same settings that you selected when you printed the fixed content. Also, be careful to choose to omit hidden layers.

Additionally, for a Forms Caching printer, you may use the PPD to specify the job is to use a Form, or you may do this via the printing system's Job Properties once the job is on the printer's Hold Queue. A Form will be stored in memory when processed and can then be printed as the background for a variable content file.

For example, if you are using a PPD for an EFI Fiery FreeForm system, you would click the **Printer** button to open the window where you can access the **EFI FreeForm** or **VDP** feature set to select a number from the **Use Master** option (choose the same number that you selected in the previous set of steps).



*If your document contains more than one page, you may need to check the **Print Blank Pages** printing option to ensure each merged page set in the variable content output will have the same number of pages as the fixed content output.*

8) In the Print window, click the Save or Print button to continue.

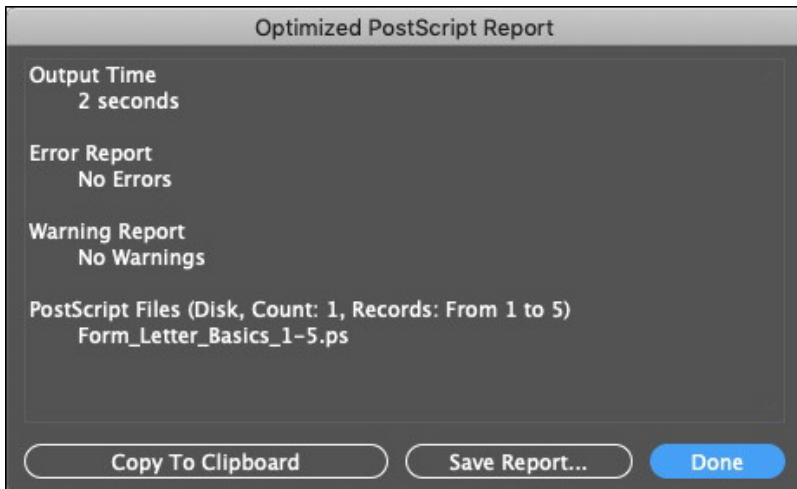
The **Print** window will display either a **Save** button or a **Print** button, depending on the type of printer you have selected.

Track the Progress of Variable Content Output

The Print Driver will proceed to send output to the selected destination. The merge session will process and print only the content that is on the visible layer.

Review the Summary Report

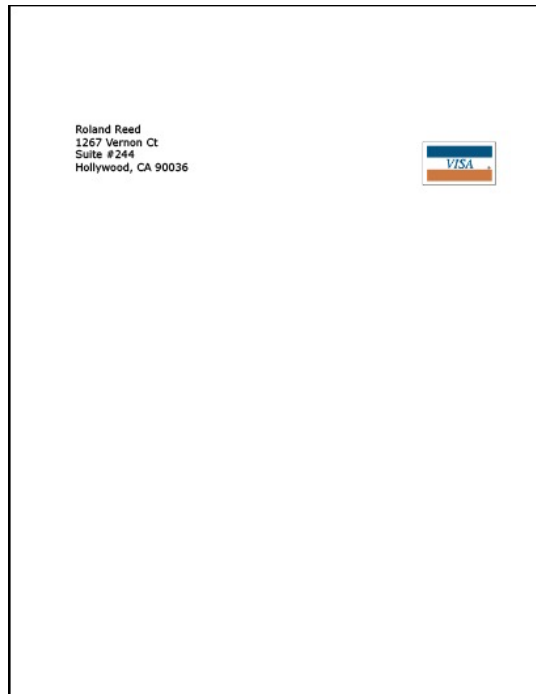
When complete, you should be presented with a report which lists all files that were printed, as shown below:



Verify the Variable Content Output

In this example, the variable content will be printed or saved in a single PostScript file which will contain all five merged pages. The PostScript file will have the record numbers 1-5 appended to its file name. This indicates that the file contains variable content from these five records.

Each page will contain only variable content. For example, if you individually print the first page of the pages from this set of steps, the printed page should look similar to the one displayed in the picture below:



Verify the Composite Printed Output

For those who are not printing to a printer with Forms Caching support, print this PostScript file that contains only the variable content to the Paper Tray that contains the Preprinted Forms/Shells you printed in the previous set of steps.

For those printing to an EFI Fiery FreeForm system or other printer with Forms Caching support, specify a Form for this variable content PostScript file via the printing system's Job Properties for this file. Then, process or print this variable content PostScript file. When the Forms Caching system prints the variable content file, the system will automatically add the Form as the fixed background for the variable pages, creating a composite print.

For example, a picture of a printed page where the variable and fixed content have been printed together is shown below:



 **Los Angeles Metropolitan Bank**

Hollywood Branch
117 Rio d'Oro Boulevard, Hollywood, California 90036

Roland Reed
1257 Vernon Ct
Suite #244
Hollywood, CA 90036



Dear Customer:

Thank you for requesting a credit card from Los Angeles Metropolitan Bank.

After reviewing your application and credit history, we have approved you to receive a Los Angeles Metropolitan Bank credit card at an annual percentage rate of 9.5% for the first nine months and at 12% A.P.R. following your initial welcome period.

You will receive your card in the mail within ten business days. Please call us at 1-888-983-6746 upon receiving your card in order to activate your account.

Thank you for banking with Los Angeles Metropolitan Bank.

Sincerely,


LAMB Bank Cards Department

Please direct any questions to:

Mr. Steven James
Los Angeles Metropolitan Bank
Hollywood Branch
117 Rio d'Oro Boulevard
Hollywood, California 90036
800/555-6350
sjames@lambankna.com

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Using the “Mark as Variable” Feature

This feature allows you to mark an object as a variable object. Use this feature if your document contains any fixed content that should not be printed separately from variable content, but instead should be printed with variable content. Examples include fixed content that wraps around variable content, fixed content that has variable content wrapping around it, and fixed content that is positioned above a variable object on the page.

Mark Items as Variable Objects

To use this feature, simply select the object (frame) that you wish to mark as a variable object, and then select **Mark Item as Variable** from the **AccurioPro** ⇒ **Utilities** ⇒ **Print Driver** menu. The frame edge will then display a visual indicator to indicate the frame has been marked as a Variable Object, as shown circled in the picture below of the Postcard tutorial file for **Tutorial #2** in AccurioPro VDP Documentation:

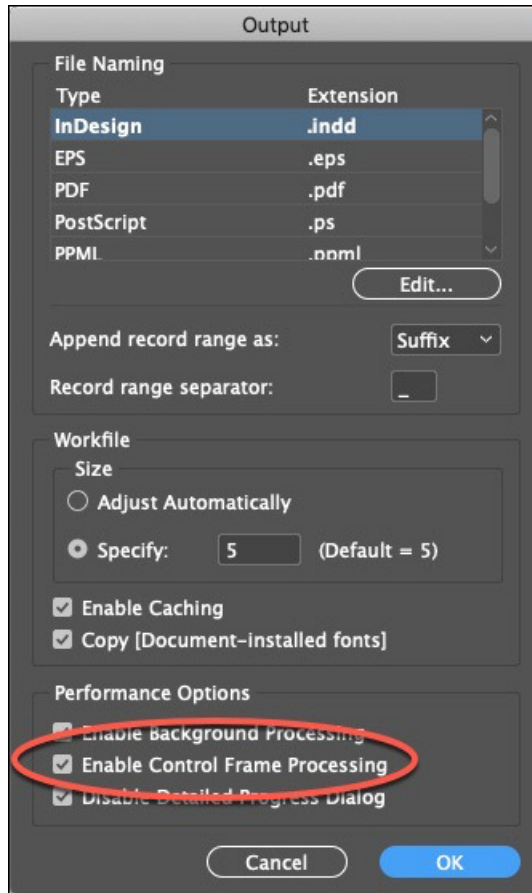


To unmark an object that has been marked as variable, select the object that has been marked as a variable, and then select **Unmark Item as Variable** from the **AccurioPro** ⇒ **Utilities** ⇒ **Print Driver** menu.

Enabling Control Frame Processing

A Premium edition of AccurioPro VDP provides the ability to apply additional processing instructions to a Print Driver merge session. You may wish to control, for example, the file names that the Print Driver will apply to the output for a job, which is the next topic in this manual. You can also use a Control Frame to insert PostScript commands in the output. This additional processing is accomplished by adding a “Control Frame” to the document and by enabling the Control Frame Processing capabilities of AccurioPro VDP. If the Control Frame Processing capabilities are not enabled, then a Print Driver will ignore any and all control frames that have been placed in a document.

To confirm Control Frame Processing is enabled on your system, select **Preferences** from the **AccurioPro** menu to open the **Preferences** window. Then, click the **Output** button on the **Preferences** window. This will open the **Output** window where you will see the **Enable Control Frame Processing** option, shown circled in the picture below:



Using the “Filename Frame” Feature

When using a Premium edition of AccurioPro VDP, you have the option of adding a unique type of text frame called a “Filename Frame” to your document. A Filename Frame is designed to provide customized names for merged Print output. This allows you to have complete control over the naming of the jobs that a Print merge session creates. When you use the Filename Frame feature, all other Print Driver job name settings (including Base Job Name and record range) are ignored. Rather, the name of each job will be taken from the text that is inside the job’s merged Filename Frame.

The Filename Frame can contain any text, including Variable Links. In fact, by placing a Link inside the Filename Frame, you can automate the naming of your jobs by linking to a data field which contains unique names. Typically, the Filename Frame is most helpful when producing an individual job for each new page set (setting Page Sets per Job to the number “1”). However, the Filename Frame can be used for any number of Page Sets per Job.

Note that the content of the Filename Frame itself will not appear on any printed pages because AccurioPro VDP automatically sets it up to be nonprinting (AccurioPro VDP turns on the frame’s “Nonprinting” attribute).

To use the Filename Frame feature, follow the steps outlined below:

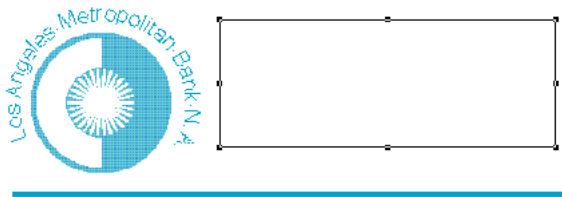
1) Open a document.

Open a document that has been prepared by AccurioPro VDP for variable data. For this example, open the sample Form Letter document (“Form Letter.indd”) which exists inside the “1) Form Letter” Tutorial Files folder in AccurioPro VDP Documentation. Confirm the document has the AccurioPro VDP Links that you added when you followed the steps in **Tutorial #1a (The Basics)**.

2) Create a text frame in the document and select it with the Selection tool.

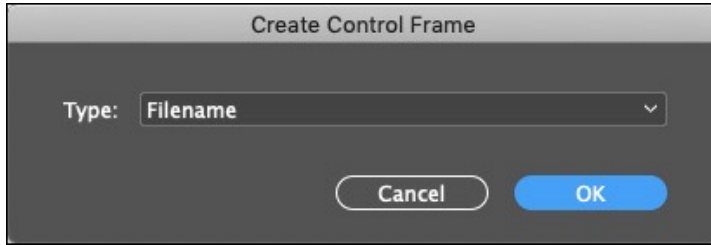
You can place the text frame anywhere on the page (but not on the Pasteboard area). The frame will not print because, when you assign this frame to be the Filename Frame, AccurioPro VDP will automatically set the frame to be nonprinting.

Next, use the Selection  tool to select the new text frame. Below is an example using the Form Letter tutorial document:



3) From the **AccurioPro** menu, select **Utilities** ⇒ **Print Driver** ⇒ **Control Frame** ⇒ **Create**.

This will open the **Create Control Frame** window, as shown below:



4) Select **Filename** from the **Type** menu, and click **OK**.

The text frame gains a dashed Magenta border with a shaded Magenta background and a non-printing label, indicating it is a Filename Frame. Also, if you look at the InDesign **Attributes** window for this frame, you will see that AccurioPro VDP has turned on the **Nonprinting** option, meaning that the frame (and its content) will not appear on any printed pages.

An example of a Filename Frame is shown in the picture below:



*If you accidentally assign a Filename Frame to the wrong text frame, simply select that text frame, and then select **Utilities** ⇒ **Print Driver** ⇒ **Control Frame** ⇒ **Remove** from the **AccurioPro** menu. This will remove the Filename Frame assignment and will also restore the text frame's original stroke, background, and printing attributes.*

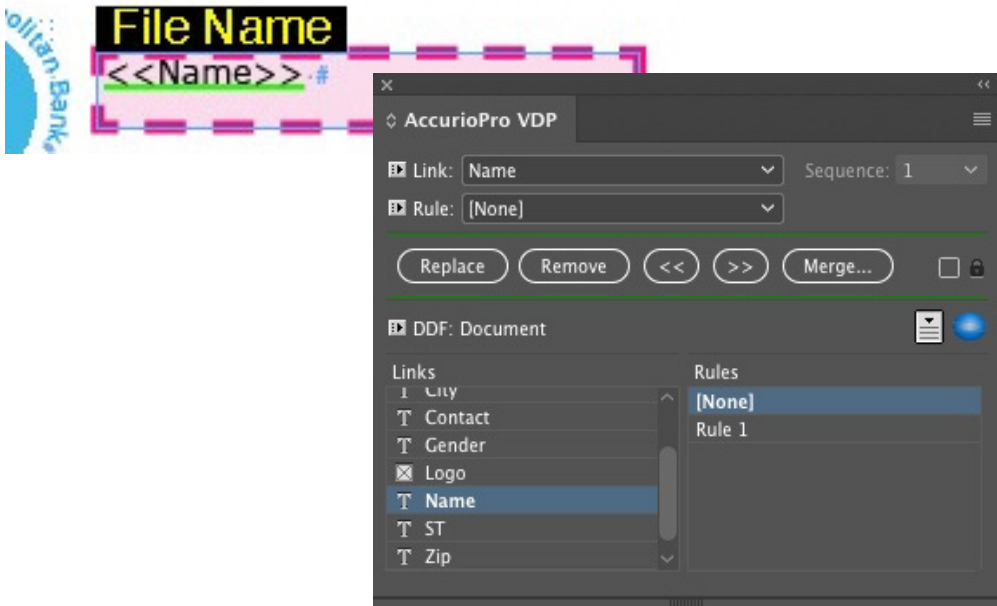
5) In the Filename Frame, insert at least one Variable Text Link along with any desired fixed text, and the appropriate file name extension (".ps").

As discussed earlier, the content in the Filename Frame will determine the name for each job the Print Driver merge session will produce. So, if you were to type a filename into this frame manually, that filename would be used as the name for all jobs that the merge session creates. Note that since this filename would be invariable, if multiple jobs were produced by a merge session, they would overwrite each other because the exact same filename would be used over and over again. Obviously this is not a desirable result.

To vary the filename of each job that a merge session creates for a document, you must first include in your data file a field which contains a unique filename for each job that you wish to create. Then, to make the content in the Filename Frame variable, just place a Variable Text Link for that data inside the frame as you normally would.

For an example, we will be using the "Name" Link for the "Name" field in the sample Form Letter data file. This will produce jobs that use the Name data ("Roland Reed", "Cindy Olsen", "Thomas Corbo", etc.) for their filenames. Each record in our sample data file contains a unique name, which is why we can use it for this example.

The picture below shows an example of a Filename Frame where the "Name" Variable Link has been inserted as a Text Link:



Now, because the text that appears inside the Filename Frame is going to be used as the file name for a PostScript file, add “.ps” for the file name extension. For example, simply enter the characters “.ps” to the right and outside the “Name” Text Link that we just inserted, and remove any extraneous word spaces, as shown below:



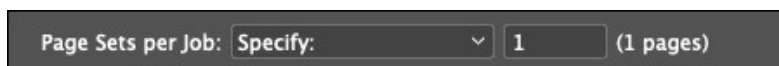
Note that it is important to add the “.ps” characters outside the “Name” Text Link. Otherwise, the “.ps” characters will be replaced by the incoming variable text during the merge process. If the “.ps” characters are inside the Text Link, you can easily move them to the outside by highlighting the “.ps” characters and then click the **Remove** button on the **AccurioPro** panel (or select **Utilities** ⇒ **Link** ⇒ **Clear Selection Range** from the **AccurioPro** menu).

6) Merge the document.

Merge the document as described earlier in this manual except set the **Page Sets per Job** option as described below to use the Filename Frame feature successfully:

Set the Page Sets per job value.

When using the Filename Frame feature, you will typically want to set the **Page Sets per Job** value to the number “1”. That way, the merge session will create an individual job for each merged variation of the document. For example, using the Form Letter tutorial where the document has one page, enter “1” (as shown in the picture below) and the Print Driver will create five jobs, each containing one merged page.



7) Review the summary report.

When the merge session has finished, you will be presented with the summary report window listing the jobs created by the merge session. Notice that each job's name reflects the contents of its merged Filename Frame. For example, five jobs were created from this set of steps, each one basing its name on the "Name" data in the sample data file, as shown below:



As long as the **Control Frame Processing** feature is enabled (see the "Enabling Control Frame Processing" topic earlier in this manual) and the merge session is able to locate a Filename Frame in the document, then the session will use the contents of the Filename Frame for the names of the jobs it produces. If Control Frame Processing is not enabled, or if the session cannot find a Filename Frame in the document, then the session will name the jobs as it normally does by automatically appending a record range and file name extension to the Base Job Name.



If you create a job containing more than one merged page set (i.e., you set the **Page Sets Per Job** to any number greater than the number "1"), the job will carry the name provided by the first Filename Frame in that job. Additionally, if your document contains more than one sequence of Links, the output will be given the name provided by the record(s) that were merged according to the Sequence Number you assigned to the Links in the job's first Filename Frame.



The file names of PostScript Driver output may contain a maximum number of 128 characters, including the file name extension (.ps). Before you run a PostScript Driver merge session that will use a Filename Frame, run a **Longest Line Test** merge session to confirm the longest file name the merge session will produce will be less than 129 characters.

Using the “Insert PostScript” Feature

When using the PostScript Driver, you have the option of adding a unique type of text frame called an “Insert PostScript Frame” to your document. This allows you to include PostScript commands for your digital print controller (for example, specify tray pull settings) in PostScript output.

There are four types of Insert PostScript Frames. Each type inserts commands in a different location of the output: Start of Document, End of Document, Start of Page, and End of Page. You can use any one to all four of these Insert PostScript Frames, in any combination, in any document. Of course, you should place only one instance of each type in any one document.

Note that the content of the Insert PostScript Frame itself will not appear on any printed pages because AccurioPro VDP automatically sets it up to be nonprinting (AccurioPro VDP turns on the frame’s “Nonprinting” attribute).

To use the Insert PostScript Frame feature, follow the steps outlined below:

1) Open a document.

Open a document that has been prepared by AccurioPro VDP for variable data. For this example, open the sample Form Letter document (“Form Letter.indd”) which exists inside the “1) Form Letter” Tutorial Files folder in AccurioPro VDP Documentation. Confirm the document has the AccurioPro VDP Links that you added when you followed the steps in **Tutorial #1a (The Basics)**.

2) Create a text frame in the document and select it with the Selection tool.

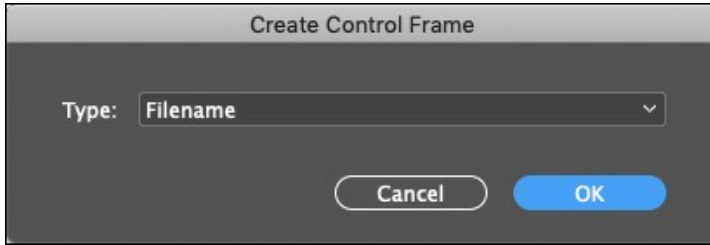
You can place the text frame anywhere on the page (but not on the Pasteboard area). The frame will not print because, when you assign this frame to be the Filename Frame, AccurioPro VDP will automatically set the frame to be nonprinting.

Next, use the Selection  tool to select the new text frame. Below is an example using the Form Letter tutorial document:



3) From the **AccurioPro** menu, select **Utilities** ⇒ **Print Driver** ⇒ **Control Frame** ⇒ **Create**.

This will open the **Create Control Frame** window, as shown below:



4) Select one of the **“Insert PostScript”** types from the **Type** menu, and click **OK**.

The text frame gains a dashed Yellow border with a shaded Yellow background and a non-printing label, indicating it is an Insert PostScript Frame. Also, if you look at the InDesign **Attributes** window for this frame, you will see that AccurioPro VDP has turned on the **Nonprinting** option, meaning that the frame (and its content) will not appear on any printed pages.

An example of an Insert PostScript Frame is shown in the picture below:



*If you accidentally assign an Insert PostScript Frame to the wrong text frame, simply select that text frame, and then select **Utilities** ⇒ **Print Driver** ⇒ **Control Frame** ⇒ **Remove** from the **AccurioPro** menu. This will remove the Insert PostScript Frame assignment and will also restore the text frame's original frame, background, and printing attributes.*

5) In the **Insert PostScript Frame**, enter appropriate **PostScript** commands for the **digital print controller on your digital printing system**.

For information about writing PostScript commands for your printer, consult the documentation for your printing system.

6) **Merge the document.**

Merge the document as described earlier in this manual.

7) **Review the summary report.**

When the merge session has finished, you will be presented with the summary report window listing the jobs created by this merge session.

8) The output is ready for processing and printing.

Each page set within the output will include the commands you entered at the location indicated by the type of Insert PostScript Frame that provided the commands. If your digital print controller supports this feature, your digital printer will apply these commands while processing and printing the output.



*As long as the **Control Frame Processing** feature is enabled (see the “Enabling Control Frame Processing” topic earlier in this manual), and the merge session is able to locate an Insert PostScript Frame in the document, then the session will include the contents of each Insert PostScript Frame in the merged page sets that it produces. If **Control Frame Processing** is not enabled, or if the session cannot find an Insert PostScript Frame in the document, then the session will not include any additional PostScript commands in the output.*

More Information

For more information about AccurioPro VDP and its modules, please see the information that is included in PDF format in AccurioPro VDP Documentation, as described below:

Tutorials present various features of AccurioPro VDP in an easy-to-follow, step-by-step format to help you quickly learn more about using AccurioPro VDP. You will find PDFs of the tutorials with accompanying sample files in the “AccurioPro VDP Tutorials” folder which is inside the “AccurioPro VDP Documentation” folder.

Manuals for modules in the AccurioPro VDP software package are available in PDF format inside their corresponding folders in the “Supplemental Documentation” folder.

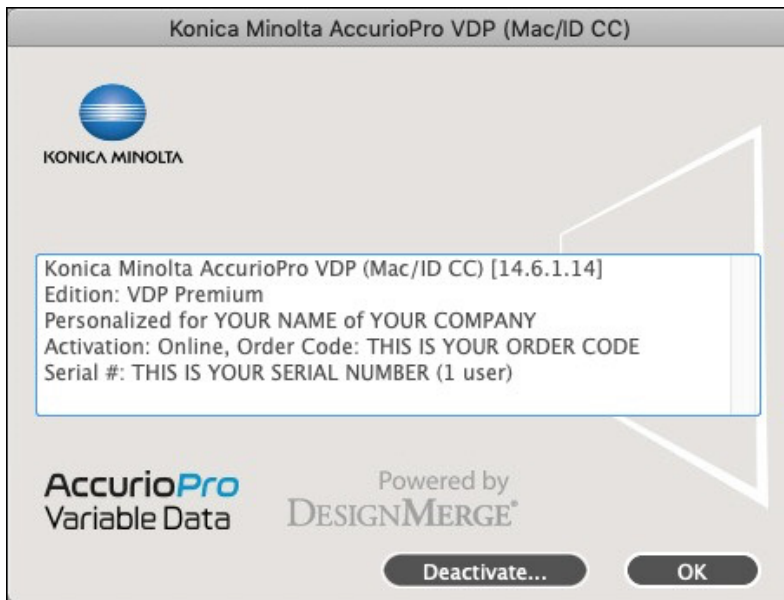


To download the latest version of AccurioPro VDP Documentation, go to www.accurioprovd.com/downloads.

Technical Support

For information about AccurioPro VDP Support and to submit a Support Ticket, go to www.accurioprovd.com/support. You can also go to this web page by opening the **AccurioPro** menu and selecting **Help** ⇒ **Online Support Center**.

When requesting support, please provide your **AccurioPro VDP Order Code**. The Order Code was originally provided on an email message. You can also see which Order Code has been used to activate your installation of AccurioPro VDP by opening the **AccurioPro** menu and selecting **Help** ⇒ **About AccurioPro**. An example of the About Konica Minolta AccurioPro window is shown below:



The About Konica Minolta AccurioPro window shown in the picture above allows you to deactivate the software. If you wish to move your installation of the software to a new system, open the About AccurioPro window for your current installation and deactivate your current installation. You will then be able to install and activate the software on your new system. Note that deactivating the software does not uninstall it. To uninstall the software, quit InDesign. Then open your InDesign application's "Plug-Ins folder". You will see a "Meadows" folder inside the "Plug-Ins" folder. Delete this "Meadows" folder. This uninstalls (removes) the software from your InDesign application.

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