

How-To Guide: Create a Custom Output Profile Using Fiery Color Profiler Suite

Purpose of this document

The advantage of creating custom output profiles is to get amazing, precise and consistent color on all of jobs throughout the print facility.

This document is a guide to create new output profiles for a specific paper type and print engine. The new Express Profiler within Fiery® Color Profiler Suite creates custom output profiles in five simple steps. An output profile for any digital device relies on a calibration so that the profile can be used in the future by re-calibrating the print system. Express Profiler streamlines the workflow to allow operators of any skill level to make a new calibration *and* output profile.

Prerequisites

Fiery Color Profiler Suite version 4.6.1 (or later), ES-2000 or ES-1000 spectrophotometer, the Fiery server for the print engine, and the paper stock to be profiled.

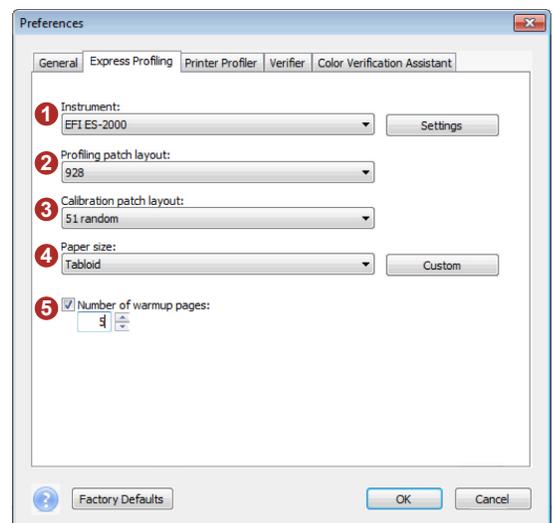
Before you begin

It is important to note that an output profile and associated calibration are only as good as the condition of the print engine at the time of profile creation. This procedure assumes that the print engine is in good working order and is in a stable production environment.

Setting Express Profiler preferences

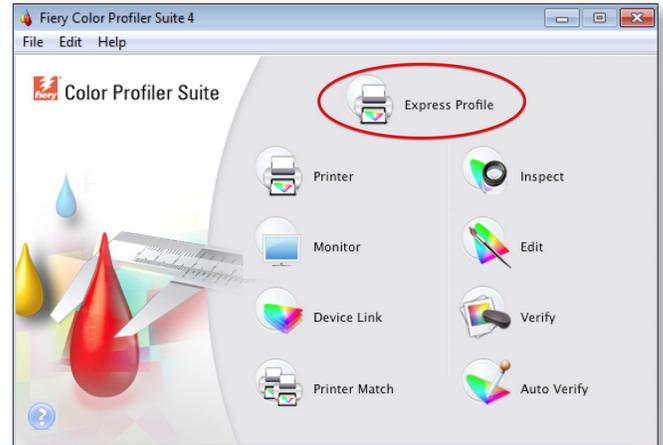
The preferences for Express Profiler need to be set before using the module for the first time. Once these preferences are configured there is no reason to change them in the future unless using a different spectrophotometer, patch set, or paper size color patch set is required. Set Express Profiler settings as followed:

1. Instrument: ES-2000 (or the spectrophotometer that will be used)
2. Profiling patch layout: 928 profiling patch layout
3. Calibration patch layout: 51 random calibration patch layout
4. Paper size: Paper size that will be used
5. Specify at least 5 warmup pages for best results so that the print engine is calibrated in a warmed up state



1. Launch Fiery Color Profiler Suite Express Profiler

Launch Fiery Color Profiler Suite and click on Express Profiler.



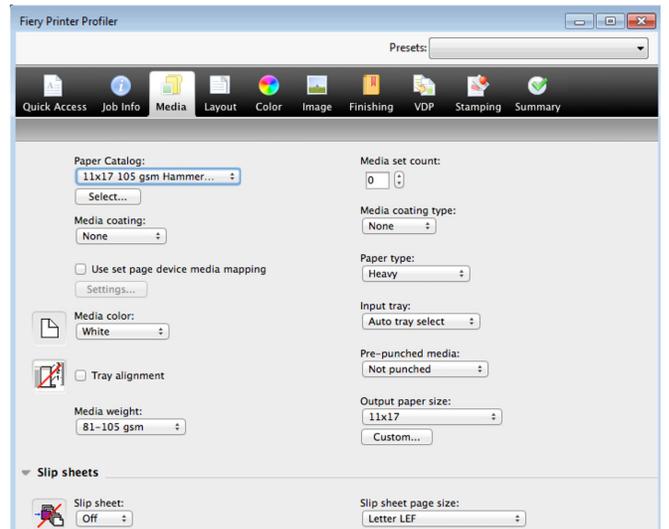
2. Select the Fiery server and name the session

Select the Fiery server and enter a session name. The session name will be used for the new calibration, output profile, and the preset that will be created by Express Profiler.



3. Set Job Properties

Set the Job Properties, including the image and media settings. Click "OK" to print calibration pages.



4. Measure patch page to create calibration set

Measure the calibration pages.



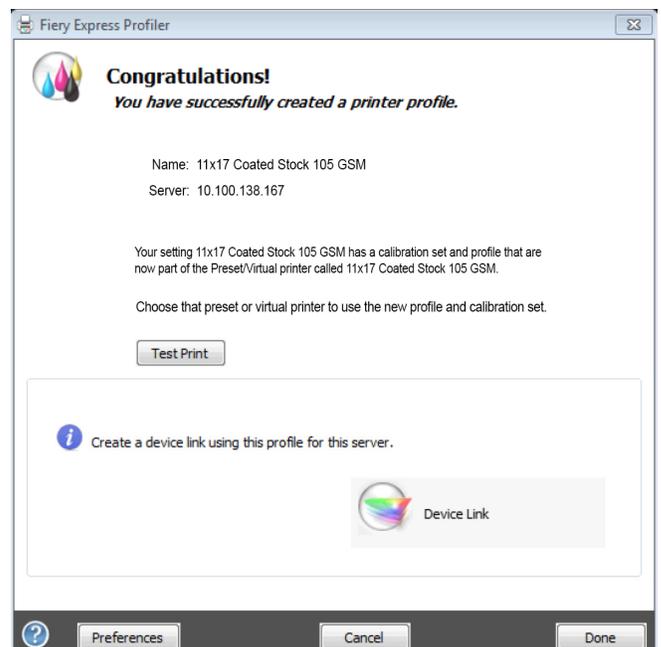
5. Measure patch page to create output profile

Measure the profiling pages.



A new output profile is created

When the profiling measurement is complete, Express Profiler immediately creates the new output profile using the expert settings from the factory profile on the Fiery server for the paper type. A Fiery server preset is also created for selecting the new calibration, output profile and the Job Properties used to create the profile. Click "Test Print" to measure and compare the results to industry references if desired.



There are 3 ways to use the preset created with Express Profiler:

All jobs printed with the preset will use the new calibration set and output profile, along with the paper and image settings.

1. Using the profile in a job

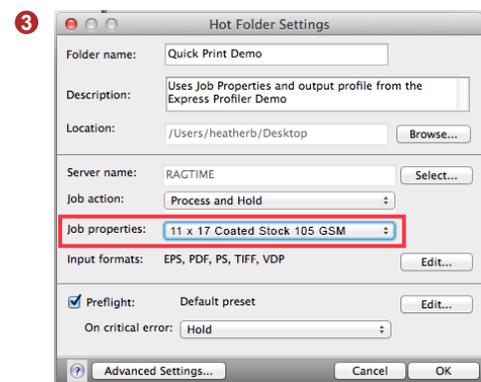
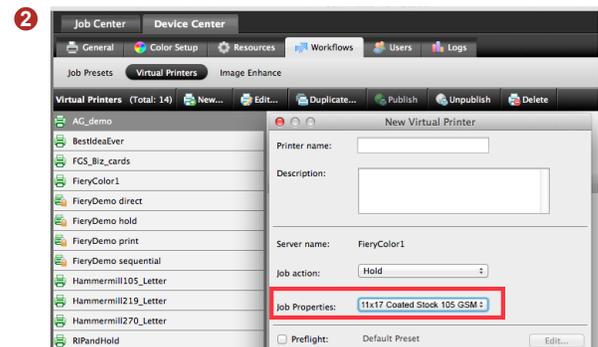
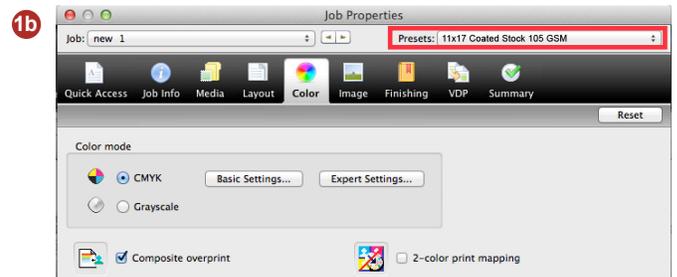
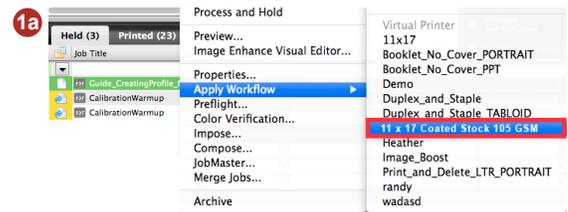
To use the profile with future jobs, assign the new preset with the profile and print settings. Right-click the job, hover over Apply Workflow, and select the preset. Alternately, select the job and open the Job Properties from within Fiery Command WorkStation. In the upper right corner, select the newly created preset.

2. Creating a Virtual Printer

Create a Virtual Printer for driver workflows. Open the Device Center, select the Workflows tab and then select Virtual Printers. Click New; within the Virtual Printer Job Properties, select the new preset.

3. Creating a Hot Folder

Create a Hot Folder that uses the preset for drag-and-drop workflows to send documents to a Fiery server. Launch the Fiery Hot Folders Console, click New, and select the new preset for the job properties.



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