



## Digital Press Certification Application Data Sheet

### Xerox® EX-P 6 Print Server Powered by Fiery®

### Xerox® Iridesse™ Production Press

**Note:** Certification is in accordance with Idealliance Digital Press Certification Program v2.3

The Idealliance Print Properties Digital Print Working Group has established a certification process for digital production presses (xerographic/inkjet). The following information is intended to assist printers and customers in understanding the printing conditions and how they were achieved and/or to replicate these results on a similar system.

#### I. Manufacturer

Electronics for Imaging  
6750 Dumbarton Circle  
Fremont, CA 94555

#### II. Product Name

EFI / Xerox® Iridesse™ Production Press / Xerox® EX-P 6 Print Server Powered by Fiery® / Bold Gloss Coated Printing Paper 120 gsm

#### III. Overview

Flexible and scalable Fiery servers integrate into any print environment, deliver high performance, image with industry standard precision, and produce accurate color for all environments.

- Deliver professional color and consistency for everyone.
- Color Profiler Suite option provides tools and features to match press standards and monitor colorimetric conformance.
- Decreases set-up time, reduces errors, and costly reprints dramatically.
- Provides high return of investment with a flexible, scalable product line.
- Integrates into all print environments because of its open platform technology.
- Supports variable data printing.

#### IV. System Components and Printing Procedure

DFE:	Xerox® EX-P 6 Print Server Powered by Fiery®
Printer:	Xerox® Iridesse™ Production Press
Software:	Fiery Command WorkStation 6.0 Fiery Color Profiler Suite 4.9.4
Measurement:	EFI ES-2000 Spectrophotometer or EFI ES-6000 Spectrophotometer
Paper:	Bold Gloss Coated Printing Paper 120 gsm

## Create New Calibration and Profile

The printer should be in a good state of service before proceeding.

### Calibration

Load the specified paper and complete the media setup at the printer.

Start Color Profile Suite.

Choose Printer to open Fiery Printer Profiler.

Choose Print Patches.

- Enter a profile name
- Select the Fiery Server

Create new calibration setting and proceed to set the following.

- Instrument: EFI ES-2000 or EFI ES-6000
  - Settings: Measurement mode: M1 – D50
- Patch set: 51 random
- Chart size: 12x18
- Number of warmup pages 5

Choose Print and select the correct Paper Catalog entry under the Media tab in Job Properties.

Print, measure, and confirm the calibration measurement results.

### Output Profile

Click Next to print and measure the profiling patches.

- Instrument: EFI ES-2000 or EFI ES-6000
  - Settings: Measurement mode: M1 – D50
- Patch set: 1617 random (CGATS IT8.7/4)
- Chart size 12x18

Print, measure, and confirm the profile measurement results.

Profile settings can be imported from the profiles on the server.

Select Fiery Xerox Iridesse Coated 120gsm v1F and change the following settings.

### Profile Settings

Gamut Mapping: Colorimetric Mapping: Closest dE2000 (Closest numerical match)

Separation settings: Edit Black Controls:

Max total Ink: 240%

Black Start: 0%

Black Generation: 70%

Increase black in shadows: 0%

Maximum CMYK density ratio: Off

Black: 40%

Black amount to extend gamut: 100%

Optimize Colorimetric precision (Recommended for proofing workflows): On

Select Next and the profile will be saved to server and associated to the new calibration.

### **Print the Digital Press Certification**

Import the Digital Press Certification files and set the following Job Properties. Change the settings according to what is noted for a specific form.

Media: Paper Catalog: previous paper catalog entry

Color: Output profile: new output profile

Color: CMYK source: GRACoL2013 CRPC6 (EFI)

Color: CMYK rendering intent: Absolute Colorimetric

Color: Print CMYK gray using black only: Off

Color: Black text and graphics: Normal

Form 2

Finishing: Output tray: HCS stacker tray

Form 4

Color: Black text and graphics: Pure Black On

Color: Black overprint (for pure black):

Image: Image halftone mode: 200 line

Form 6

Color: CMYK source: ColorWise Off