Xerox® Iridesse® Production Press w/

Xerox® EX-P 6 v4.0 Print Server Powered by Fiery®

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

Xerox Corporation

201 Merrit 7

Norwalk, CT 06851-1056

II. Product Name

Manufacturer: Xerox

Print Engine Model: Xerox® Iridesse® Production Press

DFE: Xerox® EX-P 6 v4.0 Print Server Powered by Fiery®

Substrate: Billerud Sterling Premium Digital Gloss 100# Text (148gsm)

III. Overview

Xerox® Iridesse® Production Press

- Up to six inline print stations that print in a single pass, at rated speed, with spot on color-to-color registration

- Optional White, Clear, Silver, Gold, and gamut extension Fluorescent Pink Specialty Dry Inks for enhancements and brand color matching, plus Media Expansion Low Gloss Clear

- AI-guided Xerox® PredictPrint Media Manager Software baselines the press, expediting time to production

- Optimize performance with mixed-stock jobs supported by the Xerox® Mixed Media Acceleration Feature

- Additional high capacity feeders and inline finishing solutions, including robust configurations that accelerate XLS sheet productivity end-to-end

- Up to 120ppm

- Up to 475K pages/month

- Xerox® EX-P 6 v4.0 Print Server Powered by Fiery® with a RIP resolution of 1200x1200 dpi x10-bit

IV. System Components and Printing Procedure

System Components:

Print Engine Model: Xerox® Iridesse® Production Press (standard configuration)

DFE: Xerox® EX-P 6 v4.0 Print Server Powered by Fiery®

Substrate: Billerud Sterling Premium Digital Gloss 100# Text (148gsm)

Measurement Instrument: Full Width Array (FWA) in-line scan bar

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Printing Procedure:

Media Setup
Load Media

- Load the media (Xerox Colotech+ Gloss 100# Text, 130gsm) into a High Capacity Feeder and wait for tray to rise.

Configure Paper Settings

- Closing the tray after loading will bring up the Xerox PredictPrint Stock Wizard interface on the print engine PC monitor.

- Use the barcode reader to scan the barcode on the wrapper or manually define a new stock.
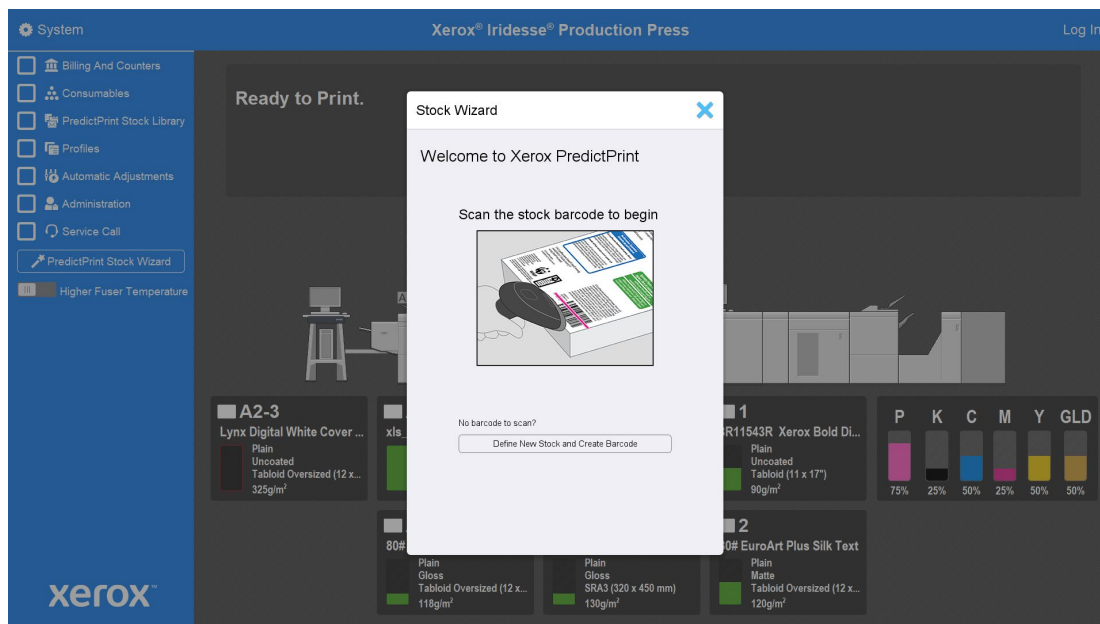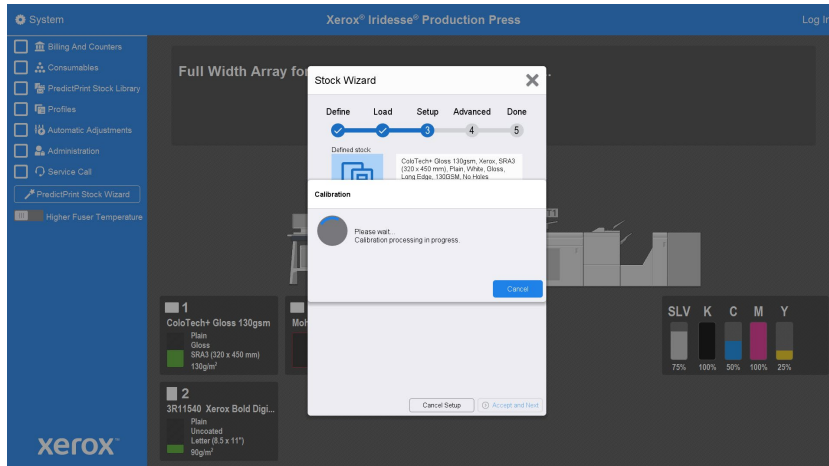
- After creating a new stock follow the setup procedures outlined in the Stock Wizard. These include:
  - o Alignment Setup
  - o Color Calibration

Alignment Setup
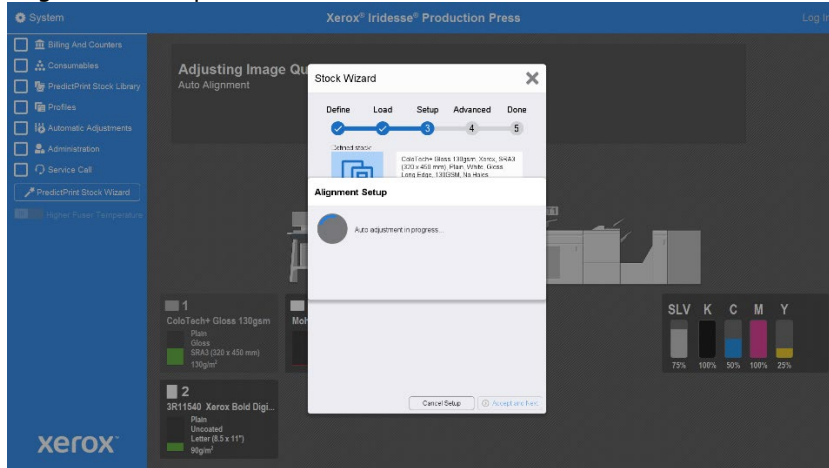
Color Calibration
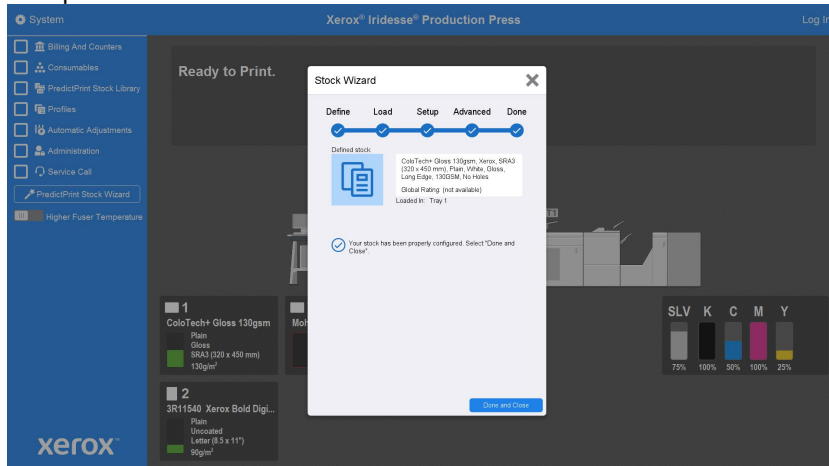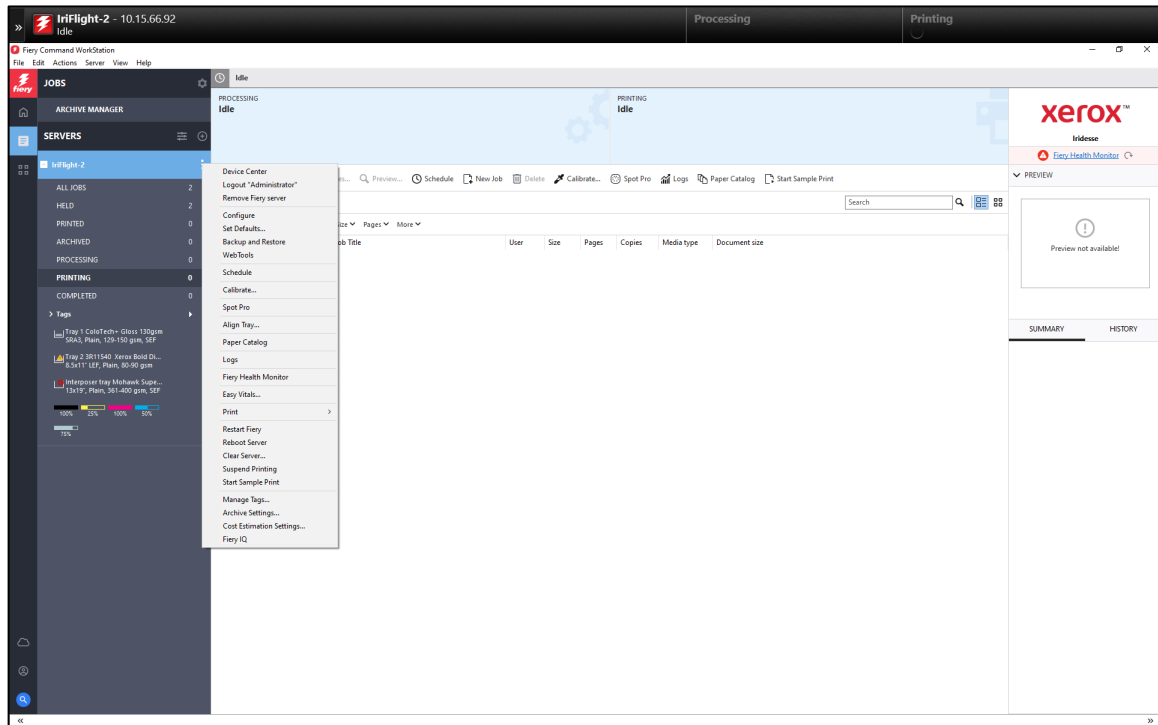

Completion Screen

Full Width Array (FWA) Output Profile Creation

Fiery Command WorkStation

- Under SERVERS, select Device Center from your server's menu (three vertical dots icon)

- From Device Center select Profiles: New: Output Profile (this opens the Fiery Printer Profile Menu)

  o **Welcome UI**

    ▪ Name your profile

    ▪ Select your Fiery server

    ▪ Click Next
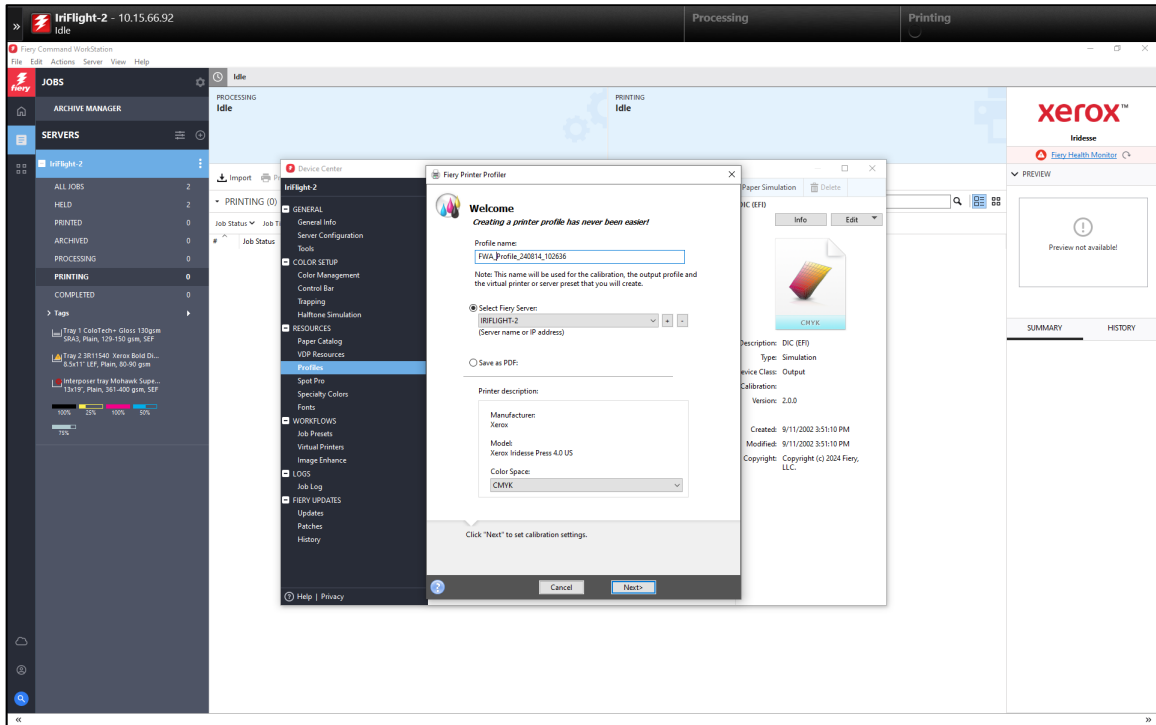
- o **Calibration setup UI**

  - Select Use existing calibration setting and select the calibration created using the PredictPrint Stock Wizard

  - Depending on the age of that calibration, either check or uncheck the Skip re-calibration box

  - Assuming you just completed the PredictPrint Stock Wizard calibration, check the Skip re-calibration box.

  - Select PSO Coated FOGRA 51 (EFI) from the CMYK Source Profile pull-down.

  - Click next
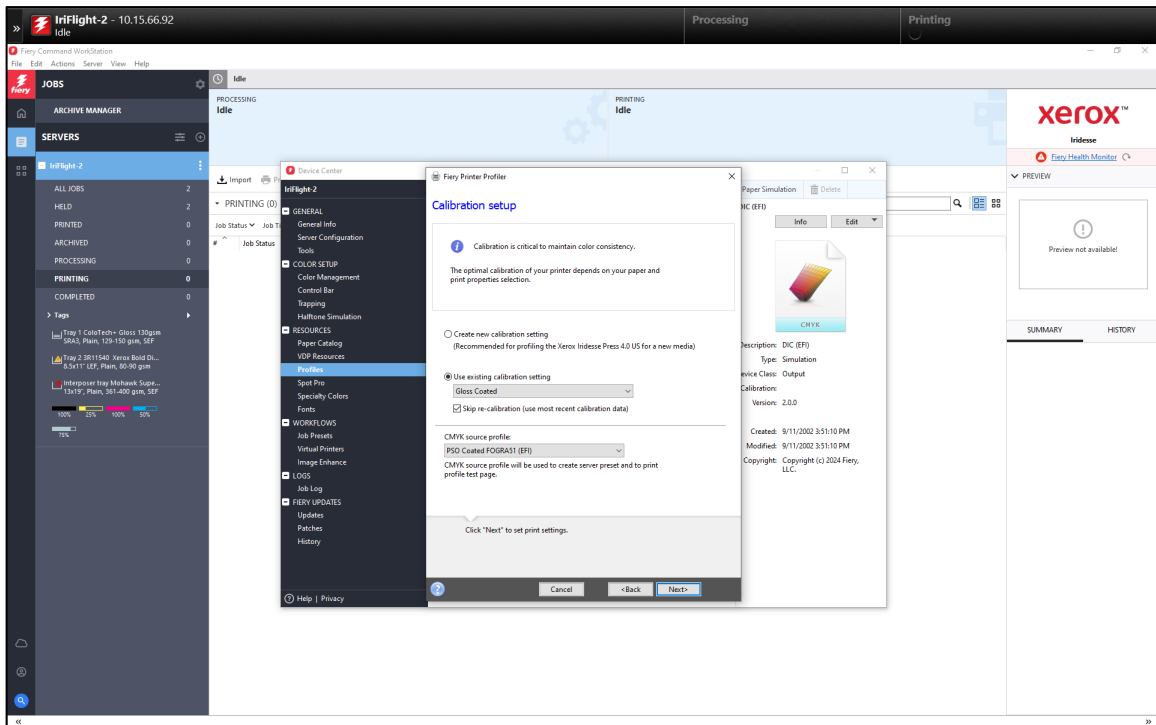
- o **Patch Layout UI**

  - Select FWA from the instrument pull-down

  - Select Fiery Edge Exclusivev2 from the Patch set pull-down

  - Select Next
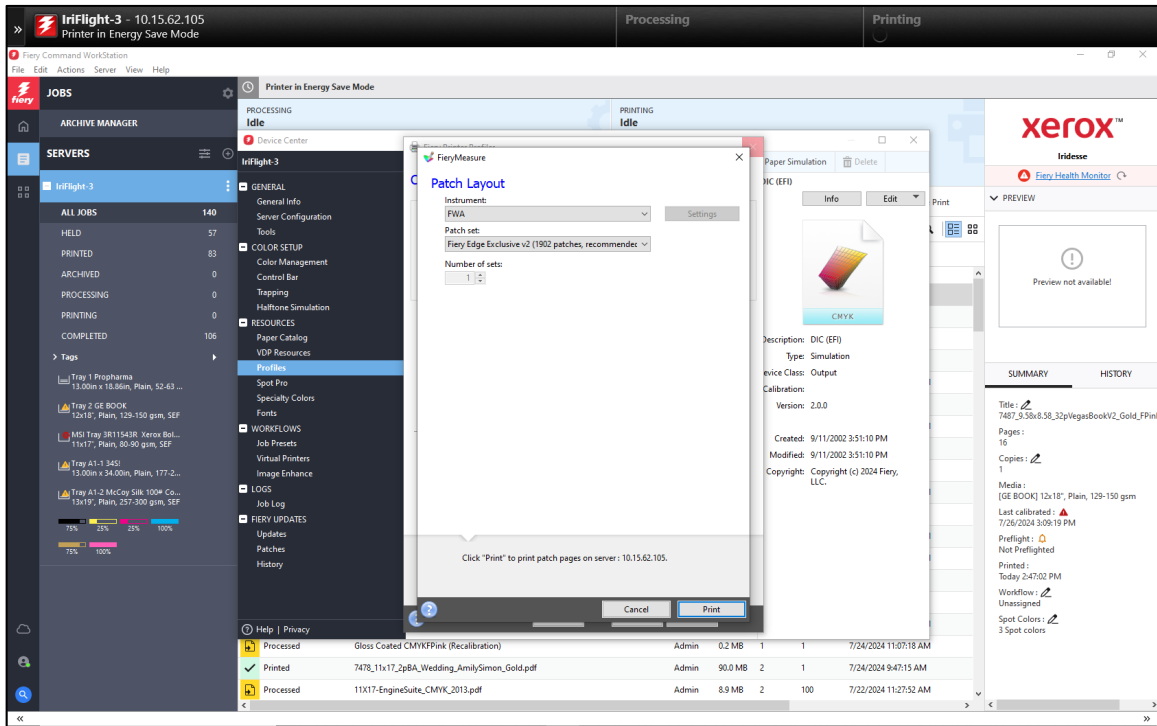
- o **Summary UI**

    ▪ Appears after succesful measurements

    ▪ Assess variation and address any issues causing excessively high dE results

    ▪ Select Next
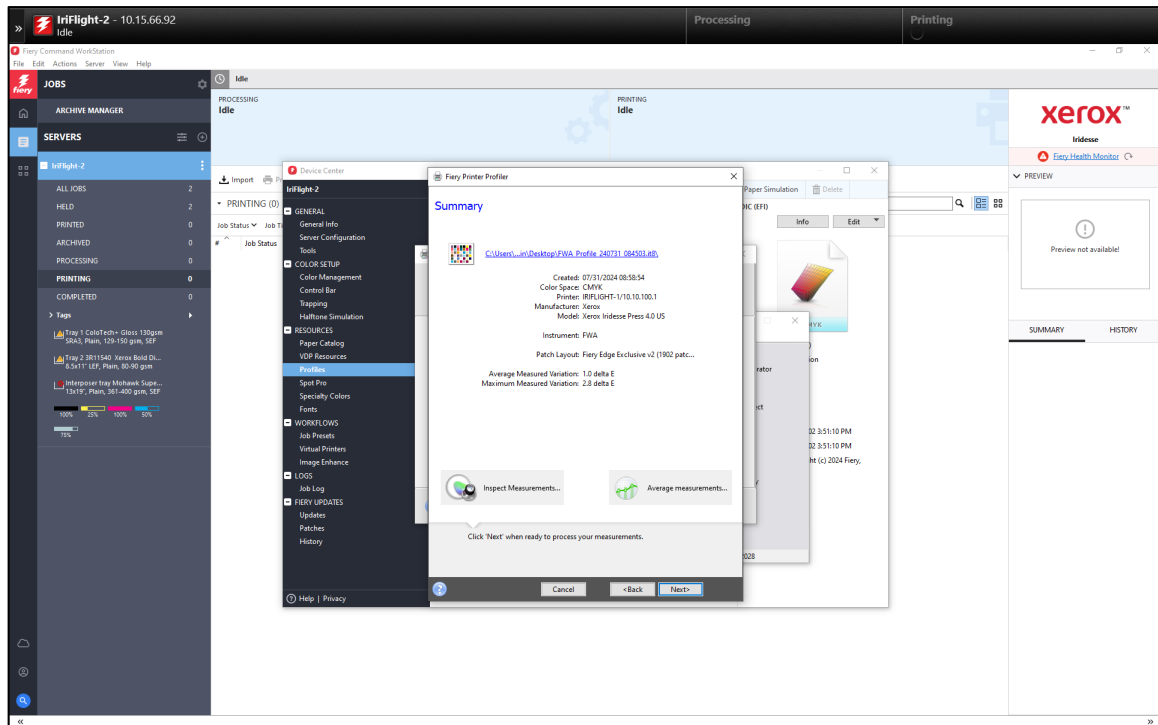
- o **Apply Settings UI**
  - Select the default Gloss Coated profile from the Profile preset pull-down.
  - Click Next
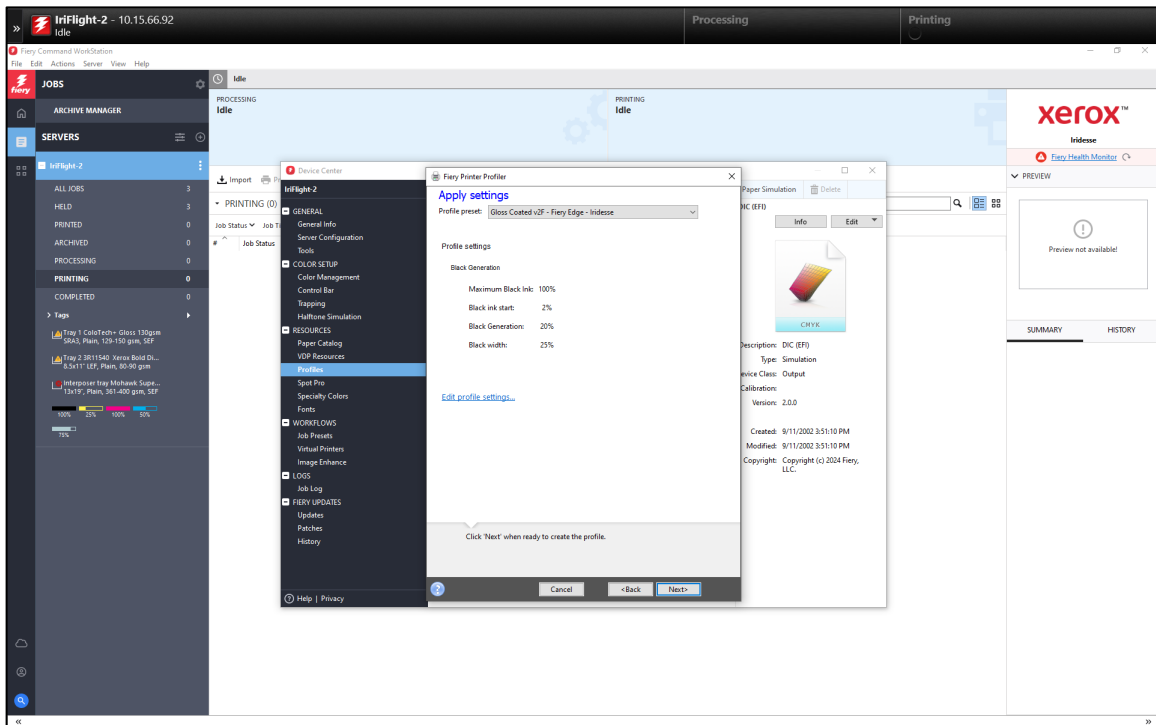
- o **Save Profile UI**
  - ▪ ensure your server is selected from the pull-down and then
  - ▪ Click Next to create and save the profile
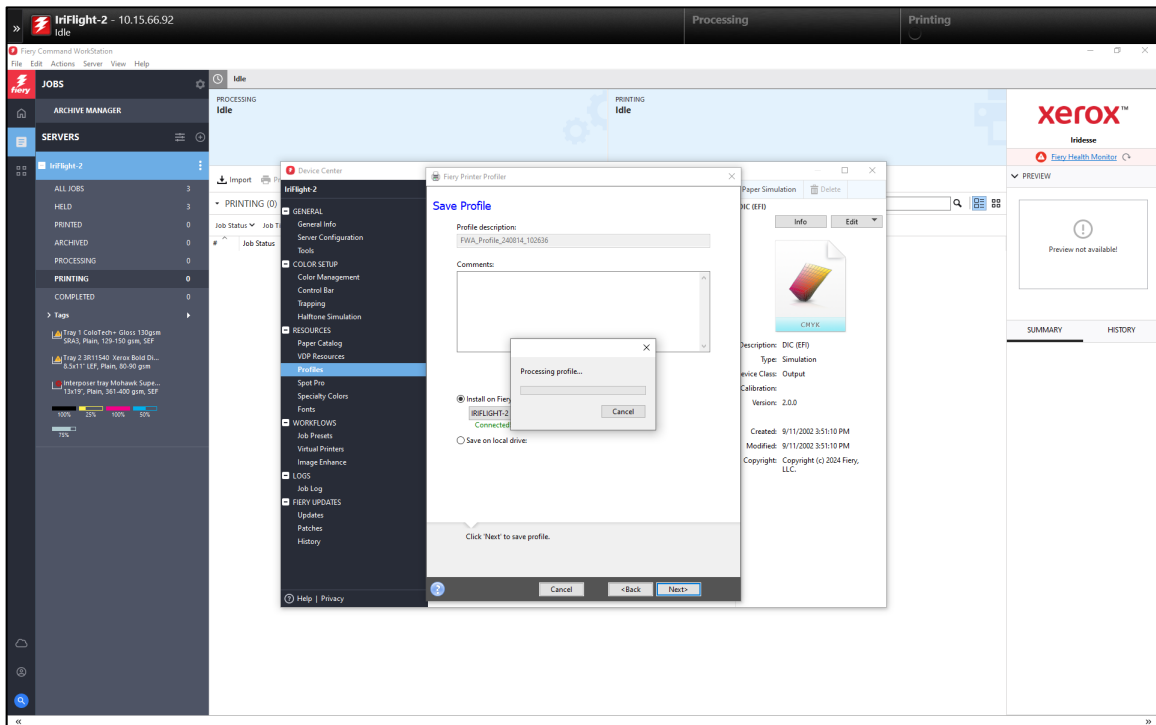
o   **When the Congratulations window appears, select Done**
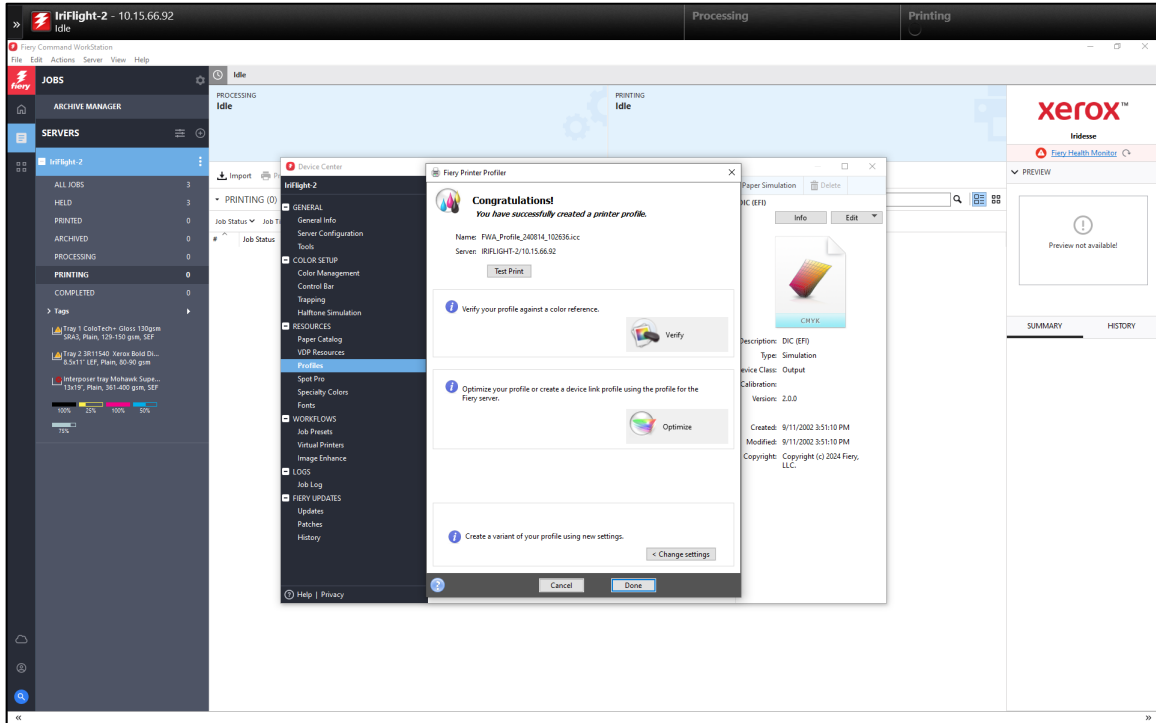
Setting Job Properties / Creating Job Preset*
Creating Job Presets

- Command Workstation: Device Center: Workflows: Job Presets: New…
    - Create a new Presets
    - Select Job Properties: Define
- Change the setting in the Color tab as follows:
    - Output Profile: *select profile created in previous step*

    - CMYK source: *GRACoL2013 CRPC6 (EFI)*

    - CMYK Rendering Intent: *Relative Colorimetric**
    If paper white point differs from GRACoL2013, use Absolute Colorimetric

    - Black point compensation: *Unchecked*

    - Print CMYK gray using black only: *Off***
    **For CMYK grays to be rendered with black only, turn On (at the expense of accuracy)*

    - Black Text and Graphics: *Normal****
    ***For pure black text and graphics, set to Pure Black On (at the expense of accuracy)*

    - All other Color and Image settings at default

Lock All   Unlock All   Presets: [▾]

☑ Adobe PDF Print Engine Preferred   [Reset]   ⊙

Color mode 🔒
- 🔵 **CMYK**
- ⚪ **CMYK+**
  - [Fluorescent Pink ▾]
  - ☐ Use CMYK+ only for spot colors
- ⚪ **Grayscale**

Output profile for non-spot colors: 🔒
[Use job defined settings   ▾]

Output profile: 🔒
[Gloss Coated v2F - Fiery Edge - Iridesse   ▾]

Calibration:
Gloss Coated, 8/21/2024 3:25:01 PM

▼ **Color input**

RGB/Lab   **CMYK**

RGB source: 🔒   CMYK source: 🔒
[sRGB (PC)   ▾]   [GRACoL2013 CRPC6 (EFI)   ▾]

☐ Use RGB embedded profiles 🔒   ☐ Use CMYK embedded profiles 🔒

RGB rendering intent: 🔒   CMYK rendering intent: 🔒
[Photographic   ▾]   [Relative Colorimetric   ▾]

Print RGB gray using black only: 🔒   ☐ Black point compensation 🔒
[Off   ▾]
                                               Print CMYK gray using black only: 🔒
                                               [Off   ▾]

Grayscale   **Spot color**

Grayscale source: 🔒   ☐ Preserve spot colors 🔒
[Dot Gain 10%   ▾]
                                               Spot color overprint: 🔒
                                               [Standard ▾]

☐ Use Gray embedded profiles 🔒

Grayscale rendering intent: 🔒   ☑ Spot color matching 🔒
[Relative Colorimetric   ▾]
                                               Use spot group: 🔒
Print gray using black only: 🔒   [Default   ▾]
[Text/Graphics/Images   ▾]

▼ **Color settings**

☐ Use embedded black point compensation 🔒

Cutback trapping: 🔒   ☐ Use PDF/X Output Intent 🔒
[Off   ▾]
                                               Black text and graphics: 🔒
☐ Separate RGB/Lab to CMYK source 🔒   [Normal   ▾]

Black overprint (for pure black): 🔒   ☑ Composite overprint 🔒
[Off   ▾]

☐ 2-color print mapping 🔒   ☐ Substitute colors 🔒

☐ Combine separations 🔒   ☐ Auto trapping 🔒

☐ Optimize RGB transparency 🔒   Raster curve presets: 🔒
                                               [No correction   ▾]
                                               [Raster Curve Editor...]

⚠ Locking prevents users from changing values.   [OK]   [Cancel]

V. Finishing Procedures (Optional)

No finishing procedures applied

VI. Additional Data (Optional)

No additional data required