Current Revision

Prinergy 1.1, 2.0, and 2.1

Product Description

Prinergy can connect to a wide variety of proofing and output devices for plate or film. Connectivity for devices listed in this specification has been tested and documented.

Output devices are divided into a number of classes for licensing purposes (that is, there is a different license fee payable for each class). This specification divides all supported output devices by class.

Output devices can be driven by two types of Job Ticket Processors:

- a Low-Res Render JTP (for low-resolution proofing)
- a High-Res Render JTP (for high-resolution output to proofs, film, or plate)

In addition, high-resolution output requires that one of the following licensed options be purchased. For devices listed in this document that require a High-Res Render JTP, the required license is indicated by an (A) or (B):

- A: requires High-Res to File Connection
- B: requires High-Res Direct Connection

Devices Requiring a High-Res Render JTP

4-Up CTP Connectivity Kit

- Creo Trendsetter 3230 (connect directly using Platesetter Control Software 1.7 or Print Console 2.0) (B)
- Creo Trendsetter 3230 Spectrum (connect using Print Console 1.0 or 2.0)* (A)

* With the Trendsetter Spectrum, plates are generated using a high-res renderer; proofs are generated using a Proofing Engine.

8-Up CTP Connectivity Kit

- Creo Platesetter 3244 (connect directly using Platesetter Control Software 1.7 or Print Console 2.0) (B)
- Creo Trendsetter 3244 (including autoloader) (connect directly using Platesetter Control Software 1.7 or Print Console 2.0) (B)
- Creo Trendsetter 3244 Spectrum (connect using Print Console 1.0 or 2.0)* (A)

* With the Trendsetter Spectrum, plates are generated using a high-res renderer; proofs are generated using a Proofing Engine.

VLF CTP Connectivity Kit

- Creo Trendsetter VLF (connect directly using Platesetter Control Software 1.7) (B)
- Creo VLF (connect directly using Platesetter Control Software 1.7 or Print Console 2.0) (B)

2-Up & 4-Up Imagesetter

- Dolev 4press/4pressV, Dolev 250, Dolev 450 (connect via PSM 7.0 software, currently in limited release) (A)
- Heidelberg Herkules (connect directly using Engine Manager Software) (B)

Note: The Heidelberg Herkules can also be driven from Prinergy via Delta Technology. See the Delta Technology Product Descriptions for more information.

8-Up Imagesetter

- Dolev 800/800V (connect via PSM 7.0 software, currently in limited release) (A)
- Heidelberg Signasetter (connect directly using Engine Manager Software) (B)

Note: The Heidelberg Signasetter can also be driven from Prinergy via Delta Technology. See the Delta Technology Product Descriptions for more information.

3rd Party Imagesetter Connectivity

- Agfa Avantra 36 (DCS via hot folder to Agfa Taipan RIP or Printdrive*) - no grayscale of composite images; no separation ganging (A)
- Agfa Avantra 44 (DCS via hot folder to Agfa Taipan RIP or Printdrive*) - no grayscale of composite images; no separation ganging (A)

* For reasonable performance, the Taipan should have 768 MB RAM and 500 MHz CPU.

Proofing Class 3

Note: All Proofing Class 3 devices require the **High-Res to File Connection** licensed option.

- Dainippon TruRite 1080 Proofer via Harlequin RIP (only at 2000 dpi)
- Kodak Approval XP2/XP4 (DCS output. Note that for the XP4, RAM should be upgraded to 512 MB.)
- 2-Up Kodak PostScript Approval (1-bit EPS via hot folder to the Approval's Harlequin RIP)*
- Polaroid Polaproof 2230 (DCS output. Note that for the Polaproof, RAM should be upgraded to 768 MB.)
- Presstek PEARLhdp74 via Harlequin RIP 4.5

* For reasonable performance the Harlequin RIP should have 384 MB of memory.

Creo Proofsetter Device Connectivity Kit

- Proofsetter Spectrum (1-bit TIFF via hot folder to Print Console 1.0)

Devices Requiring a Low-Res Render JTP

Proofing Class 2

- Agfa AgfaJet Sherpa (with HP Jet Direct Interface)
- Barco (formerly Gerber) Impress (HP-RTL via HP Jet Direct Card)
- Dupont Digital Waterproofer/Chromalin
- Encad Nova 600e/42e/60e (HP-RTL via NT Print Manager)
- Epson Stylus Color Pro 7000/9000 (Direct connection via Ethernet: 720 dpi x 720 dpi only.) **Note:** This is NOT a contract proofer.
- Epson Stylus Color Pro 7000, 7500, 7600, 9000, 9500, 10000 **via BestRIP**, hook-up and training done by Pre-Press Consultants
- Fuji First Proof via Harlequin RIP (EPS spooled to hot folder on Harlequin Mac)
- Fuji Pre-Proofer 2000 (**Note:** This is a special loader for an HP 2000 or 2500.)
- Hewlett Packard HP DesignJet 750C Plus, 755CM, 1050/1055, 2000CP, 2500CP, 3000CP, and 5000/5000PS (HP-RTL via HP Jet Direct Card)

- Hewlett Packard HP DesignJet 5000/5000PS **via BestRIP** v4.2 or higher, hook-up & training done by Pre-Press Consultants
- Imation Rainbow Proofers (TIFF, Scitex-CT, or EPS via hot folders)
- Iris2PRINT and Iris4PRINT (TIFF via IRIS IQ Pro)
- Iris 43WIDE / 62WIDE (with HP Jet Direct interface)
- Iris Realist 5015/5030, Iris RealistFX 5015/5030 (TIFF via IRIS IQ Pro)
- Iris SmartJet 4012, 3047, 3042 (Scitex CT via Iris IQ Pro)
- Kodak Digital Science 1000PS (HP-RTL via HP Jet Direct Card)
- Kodak Digital Science Desktop Color Proofer (DCP) 9000, 9300, and 9500 (EPS spooled by NT Print Manager)
- Océ 9400 (TIFF via parallel port or Microplex Ethernet Print Server)
- Roland Hi-Fi Jet FJ400/500 **via BestRIP**, hook-up and training done by Pre-Press Consultants
- Techsage Spinjet 1000 (HP-RTL via NT Print Queue or hot folder on Spinjet computer)

Proofing Class 1

- Canon CLC 700S via EFI Fiery RIP (EPS spooled by NT Print Manager)
- Canon CLC 1000 via EFI Fiery RIP (EPS spooled by NT Print Manager)
- Epson 5000 (Direct Connection, 720 dpi x 720 dpi only). **Note:** This is NOT a contract proofer.
- Epson 5000 via BestRIP, hook-up and training done by Pre-Press Consultants
- Fuji Pictoproof via AP-RIP V2.02
- Hewlett-Packard HP LaserJet 2500 CM (Professional Series)
- Hewlett-Packard HP LaserJet 8550 DN (Color)
- Iris iProof (TIFF output to I-Mac RIP)
- Tektronix Phaser 300I & 780 Plus (EPS spooled by NT Print Manager)
- Xerox DocuColor 12 (EPS spooled by NT Print Manager)
- Xerox DocuColor 5750 and 30/40 via EFI Fiery RIP (EPS spooled by NT Print Manager)
- Xerox DocuColor 5750 and 30/40 via Splash RIP (EPS spooled by NT Print Manager)
- Xerox MajestiK 5760 and 5765 via EFI Fiery RIP (EPS spooled by NT Print Manager)
- Xerox MajestiK 5760 and 5765 via Splash RIP (EPS spooled by NT Print Manager)
- Xerox Regal 5790 via EFI Fiery RIP (EPS spooled by NT Print Manager)
- Xerox Regal 5790 via Splash RIP (EPS spooled by NT Print Manager)
- Xerox (Tektronix) Phaser 2135 (EPS spooled by NT Print Manager)

Proofing Class 0

- Hewlett Packard LaserJet 4MV, 5Si, 5SiMx, 8000DN, 8100DN, and 9000DN (EPS spooled by NT Print Manager)
- Lexmark Optra S 2455 PS2 (EPS spooled by NT Print Manager)
- Xante Accel-a-Writer 3N/3DN(EPS spooled by NT Print Manager)