PRINT CONSOLE 1.0 SPECIFICATIONS

Current Revision

1.0

Product Description

Print Console is software that controls output devices. It works with raster image processing (RIP) software or with the TIFF Downloader to deliver raster files to an output device for imaging onto media to create digital halftone proofs, thermal digital bluelines, film, and offset or flexographic plates.

Prerequisites

- Creo Recorder Workstation running WindowsNT 4.0 SP4 and supported by the frontend system vendor
  or
- Prinergy Server running WindowsNT 4.0 SP4
  or
- TIFF Front End Workstation running WindowsNT 4.0 SP4
- Output devices supported
  - Trendsetter Spectrum
  - Proofsetter Spectrum
  - ThermoFlex 50x67, 52x80, TFI
  - VLF Trendsetters
  - Trendsetter 3244

Components

Standard Software:

- Print Console Software

Documentation Included:

- Print Console Reference Guide
- Print Console Software User Guide
- Technical Bulletins:
  - Prinergy Connect and Print Console 1.0
  - Rampage and Print Console 1.0
  - ArtWork Systems PCC PageFlow and Print Console
  - Heidelberg Delta Technology and Print Console
  - 3rd party TIFF Workflows and Print Console 1.0.3

Training Included:

- Operator training provided as part of on site installation

Options:

Optional Software:

- Creo TIFF Downloader
- Additional 3rd party RIP (CRI RIP)

Input

- Job files submitted from a qualified frontend workflow system
- 1-bit TIFF files compatible with the TIFF Downloader

Output

- Commands and messages relating to operation of output device

General Functions

- Provides pre-rip queue management, color separation management, connectivity to RIP software or TIFF Downloader, and output device control

Specific Functions

- Print setups, associated with input queues, to provide initialization of various job properties including:
  - RIP name
  - File format
  - Color mappings and color mapping order
  - Output medium name or device medium name
  - Options specific to RIP or TIFF Downloader

- Displays the status of jobs being processed via a graphical representation
- reports RIP, Print Console, and Device errors identified for the active job
- communicates the status of plates/proofs as they are imaged in the recorder and reports plate/proof handling errors
- generates a PPD (PostScript Printer Description) file that conforms to Adobe's 4.2 PPD File Format specifications
  - plate/proof type information
  - device resolutions
  - Print setups
- digital halftone proofing functionality
  - Supports spot colors for digital halftone proofing
  - Color mapping between RIP color name and device color; including last minute color mapping for unidentified RIP color names
  - Files can be grouped into jobs; manually or automatically depending on the file type
- film tinting capability
  - Supports a tinting option within the TIFF Downloader which is dynamically enabled on a per-job basis
  - Tinting function is implemented while imaging film for flexo plate exposure

NOTE:
The following frontend systems are currently qualified or in development for Print Console. Please check with the Product Manager for current status.

- Prinergy Connect
- Heidelberg Delta Technology 6.0
- Rampage RIP v7.4.2.2
- ArtWork Systems PCC PageFlow
- Barco FastRIP-TIFF
- Agfa PrintDrive (TIFF input) – platemaking only