PRINT CONSOLE SPECIFICATIONS

Current Revision **2.0**

Product Description

Print Console is software that connects a DFE to CreoScitex's Trendsetter, Platesetter and Thermoflex Computer To Plate devices (CTP). It provides a user interface for the CTP operator, software interfaces for a Digital Front End (DFE) to submit jobs to the CTP, and logic to control the operation of the CTP.

Prerequisites

- One of the following CTP models. Contact your sales representative for details on specific models supported:
  - Trendsetter CTPs
  - Platesetter CTPs
  - Thermoflex VLF CTPs
- A DFE to supply jobs. Presently qualified DFE connections include the following. Contact your sales representative for details on which devices are qualified with a given workflow.
  - Prinergy (direct connection for plating; TIFF for proofing),
  - Brisque (TIFF connection),
  - Certain 3rd Party Workflow vendors
- A CreoScitex server running Windows 2000 (preferred) or Windows NT SP4. The DFE must be approved for use on the server.

Available Configurations

- Prinergy:
  - Prinergy Connectivity option, which includes server and software. Refer to Prinergy specification.
- Brisque:
  - Print Console Workstation, which includes server and software.
- TIFF Front End:
  - TIFF Front End, which includes server and software. Refer to TIFF Front End specification.
- 3rd Party DFE:
  - Print Console Workstation, which includes server and software.
- Software only:
  - Print Console Software (for use on an existing approved server).

Components

- Print Console Standard Workstation
  - 2400L Dell Server
  - Print Console Software (see below)
- Print Console Low-Cost Workstation
  - Dell Optiplex Server
  - Print Console Software (see below)
- Print Console Dual CPU Workstation
  - Dell 2400H Server
  - Print Console Software (see below)
- Print Console Software
  - Print Console application software
  - Connection to one DFE (controlled by License Keys) via:
    - Direct Connection (software interface), or
    - TIFF Downloader for imaging 1-bit TIFF files.
  - Quick Start Guide
  - DFE connectivity technical bulletin
  - Operator training as part of on-site installation

Options:

- NFS software if TIFF files are submitted from a Unix DFE.

- A second DFE connection (e.g. TIFF Downloader).
- Copydot Toolkit Basic Viewer for TIFF connections. Refer to Copydot Toolkit specifications.
- Copydot Toolkit Professional for TIFF connections (select from Deluxe Viewer, Resampling, and Calibration options). Refer to Copydot Toolkit specifications.

Input

- Jobs submitted via direct connection or as 1-bit TIFF files.
- Status messages from the CTP.
- Job control from the CTP operator.

Output

- Job processing status to the DFE. Available with direct connection only.
- Commands to control the CTP
- CTP status and prompts to the CTP operator.

General Functions

- Provides a connection from the DFE to the CTP.
- Sequences the operation of the CTP to image thermal plates, film, digital halftone proofs, or blueline proofs according to the CTP's capabilities.
- Displays the operational state and history of the CTP to the operator.
- Allows the operator to control the operation of the CTP.

Specific Functions

- Direct Connection
  - Responds with the capabilities of the CTP.
  - Accepts jobs for imaging on the CTP. Jobs include information about how the separations are to be processed.
  - Responds with the status of submitted jobs.
  - Accepts requests to cancel jobs that have been submitted.
- TIFF Connection
  - Generates a PPD file, conforming to Adobe's 4.2 PPD specifications, to identify the capabilities of the CTP to the DFE.
  - Hot folders provided automatic input of TIFF files.
  - Print Setups may be associated with hot folders. Each file becomes a job with processing information defined by the Print Setup.
  - A pending job queue provides the ability to view, edit and cancel TIFF jobs.
- Sequences the operation of the CTP
  - Directs the CTP to load/unload media appropriate for the job.
  - Synchronizes the release of raster, from the DFE or the TIFF Downloader, with the imaging process on the CTP.
  - Optionally directs the CTP to image raster according to device-specific options (e.g. shift image origin)
  - Coordinates the recovery of errors detected in the CTP.
- Displays the operational state and history of the CTP to the operator.
  - Displays the current state of the CTP graphically.
  - An active job queue provides the ability to view the status of the jobs that are currently being processed by the CTP.
  - A processed job queue provides the ability to view the results of previously processed jobs.
  - Prompts the operator for action to complete processing of a job or to recover from an error.
  - Displays a history of significant events related to the processing of jobs and status of the CTP.
- Allows the operator to control the operation of the CTP.
  - A configuration interface allows the operator to define system, media

usage, print setup and hot folder options.

- A pending job queue provides the ability to view, edit (TIFF jobs only) and cancel jobs before they become active.
- A processed job queue provides the ability to remake a previously processed job if the TIFF files are still available.

Performance Consult a CreoScitex Representative.