PRINT CONSOLE SPECIFICATIONS

Product Description

Print Console is software that connects a Digital Front End (DFE) to Creo's thermal Computer To Plate (CTP) devices. It provides a user interface for the CTP operator, software interfaces for a 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
- Platesetter
- Thermoflex VLF

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 or direct connections)
- Certain 3rd party Workflow vendors
- A Creo server running Windows 2000. The DFE must be approved for use on the server.

Product Version

3.4

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 Low Cost Workstation

- Dell Optiplex Workstation
- Print Console Software (see below)

Print Console Dual CPU Workstation

- Dell 2500H 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)
  - TIFF Downloader for imaging 1-bit TIFF files

Documentation Included:

- Quick Start Guide
- DFE connectivity technical bulletin

Training Included:

- Operator training provided as part of on site installation

Options:

Optional Software:

- NFS software if TIFF files are submitted from a Unix DFE.
- A second DFE connection (example: TIFF Downloader).
- Copydot Toolkit Viewer for TIFF connections. Refer to Copydot Toolkit specifications.

Input

- Job 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.
- Log of statistical events on machine operation.

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 CTPs 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's4.2 PPD specifications to identify the capabilities of the CTP to the DFE.
- Hot folders provide 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, canceland remake TIFF jobs.

Sequences to the operation of the CTP

- Directs the CTP to load/unload media appropriate for the job.
- Directs the CTP to image the media with settings that are derived from the job's properties. (example: imaging mode)
- Synchronize the release of raster from the DFE of TIFF Downloader with the imaging process on the CTP.
- Coordinates the operation of 2 TIFF Downloaders for a CTP with 2 imaging heads.
- Directs the CTP to image raster according to device specific options. (example: 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 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 the

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, and cancel TIFF 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 Creo Representative.