Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: 1.604.451.2700
Fax: 1.604.437.9891

Request support:
ecentral.creo.com

www.creo.com

Internal: 734-00181A-EN Rev A
Release date: 08 Dec 2004

Technical bulletin

Configuring MPE Firmware for 1600 x 2400

Patch 8 for Print Console 2.1.1 supports a feature in the TIFF Downloader that is applicable to customers who have:

- A 2400 dpi head
- 1600 dpi TIFF files

If this feature is configured, the customer can image 1600 dpi TIFF files without having to regenerate the TIFF. When the customer submits a TIFF file with a resolution of 1600 x 1600 to Print Console, the TIFF Downloader resamples the resolution of the subscan (or, along the drum) direction to 2400 dpi.

To configure MPE firmware for 1600 x 2400:

1. Determine the modes that are currently used. For example:

```
>>mode
Current Mode: 1 (Resolution = 2400 dpi)
Available Modes:
          1: 2400 dpi
```

   This shows that mode 1 is currently configured for imaging at 2400 dpi.

2. In this case, configure mode 2 for 1600 x 2400 dpi imaging:

```
>> set mode 2 dpi 1600
NVS mode (Plot Modes) subsystem [2]:
rip_dpi = 1600  Saved = 0  Default = 2400

 >> set mode 2 msd 1
NVS mode (Plot Modes) subsystem [2]:
mscan_duplicate = 1  Saved = 0  Default = 1

 >> set mode 2 ssd 1
NVS mode (Plot Modes) subsystem [2]:
sscan_duplicate = 1  Saved = 0  Default = 1
```

```
 >> nvs save mode 2
Saving mode (Plot Modes) calibration
Saving mode (Plot Modes) configuration

 >> mode
Current Mode: 1 (Resolution = 2400 dpi)
Available Modes:
        1: 2400 dpi
        2: 1600 dpi
```

Mode 2 is now set up for 1600 x 2400 dpi imaging.

3. Re-start Print Console and confirm in the Messages pane of Print Console that Print Console has queried the firmware for these two modes. You should see something like the following when the device is being queried:

```
Device Resolution 1 is 2400 x 2400 dpi.
Device Resolution 2 is 1600 x 2400 dpi.
```

About Creo

Creo is a world leader in solutions for the graphic arts industry. Core product lines include image capture systems; inkjet proofers; thermal imaging devices for films, plates, and proofs; professional color and copydot scanning systems; workflow management software; and proofing and printing consumables. Creo is also an original equipment manufacture supplier of on-press imaging technology, components for digital presses, and color servers for high-speed, print-on-demand digital printers. Creo trades under the symbols CREO on NASDAQ and CRE on the Toronto Stock Exchange. www.creo.com

© 2004 Creo Inc. The Creo product names mentioned in this document are trademarks or service marks of Creo Inc. and may be registered in certain jurisdictions. Other company and brand, product, and service names are for identification purposes only and may be trademarks or registered trademarks of their respective holders. Data is subject to change without notice.