RELEASE NOTES

EFI™ is pleased to announce the release of Fiery® proServer and Fiery XF 6.4. This latest release is free of charge for all users with their Fiery proServer software or Fiery XF covered under an EFI Software Maintenance and Support Agreement, (SMSA), or an EFI Enhanced Service Program, (ESP).

Highlights:

- Greatly enhanced Dynamic Smoothing for extremely smooth spot and process color gradations

- A new spot color Variations feature for perfect visual brand color matching

- 24 new supported printers from EFI VUTEk®, EPSON®, Canon, HP, Mimaki® and Seiko/OKI

- 21 updated printer drivers for EFI Matan, EFI VUTEk, Mimaki and Roland DG devices

Color Quality improvements:

- The Dynamic Smoothing feature has been reintroduced for both Fiery proServer and Fiery XF on Windows platforms for even smoother gradations and shades for both process and spot colors.
    - o Both 16-Bit TIFFs as well as PDFs with and without transparencies now produce extremely smooth gradations.
        - ▪ Note: In specific situations the use of the Dynamic Smoothing feature will cause the Fiery proServer FAST RIP feature to run slower in order to provide smoother output.

- A new Spot Color Variations feature allows users to find and use the best possible visual color match to a sample. Hue, Saturation and Brightness can be controlled with fine to course adjustments with the choice of two matching methods depending on preference, Color search pattern or Color neighbor pattern.

- Spot Color Swatch Book printing is enhanced with additional patch sizes and larger font sizes for better usability and clarity.
    - o 30x20 mm @ 7pt / 6pt font size (existing size now with a larger font size)
    - o 40x25 mm @ 9pt / 7pt font size
    - o 50x50mm @ 10pt / 8pt font size

- Linearization enhancements for EFI Reggiani and EFI VUTEk FabriVU printers produce heavily improved results on backlit substrates with:
    - o Improved ink limiting, improved pre-linearizations, new default dot gain, larger linearization charts plus data smoothing.

- The White and Clear ink printing modes Tonal Image and Tonal Image Inverse are now available for all EFI VUTEk and EFI Matan printers. These modes help to increase the output gamut on non-white or transparent substrates, plus consume far less ink versus the traditional White ink for Bounding Box or Flood methods.

- Fiery XF version 6.4 incorporates Color Profiler Suite 4.9.2 features, for the Release Notes on CPS 4.9.2 visit http://help.efi.com/cps/.

Productivity improvements:

- The number of FAST RIP instances available has been increased from 1 to 2 for the Fiery proServer platform, this provides increased productivity by allowing simultaneous spooling and processing, or simultaneous processing of jobs. The number of instances will depend on the available RAM in the Fiery proServer, 1 instance requires 8GB of RAM.

- Colored cut marks can now be used when printing to the EFI Jetrion® 4900 ensuring optimal tick mark detection whatever the substrate or cutting device being used.

Usability improvements:

- The Fiery Wide Format Support dialog box, accessed from the Fiery XF Client, has been updated with additional contact numbers for India, China, Australia and South Korea plus an updated the contact number for the United States.

Integration improvements:

- Print via IP Network has been enhanced for EFI VUTEk printers:
    - o Behavior in version 6.3 and lower:
        - When jobs are sent using Print via IP Network to a VUTEk printer and the job status is Submitted or Waiting, it was not possible to re-process the job with different parameters (i.e. to create a second version of the job with a different color mode and/or resolution).
    - o Behavior in version 6.4:
        - When jobs are sent using Print via IP Network to a VUTEk printer and the job status is Submitted or Waiting, users may now Cancel the job (which cancels the bi-directional communication, but leaves the RTL file in the VUTEk printer software queue), change parameters and send another (or multiple) version(s) of the same job to the VUTEk printer software. The bi-directional communication for the last job sent will be maintained.

- The default naming for RTL files has changed to the following format: Job name_Page number_Tile number_XF Job ID_Job sequence, allowing users to more easily track jobs by job name.

System improvements:

- Fiery XF 6.4 now officially supports the operating system Microsoft® Windows® Server 2016.

- Support of the Adobe PDF Print Engine version 4.3 on Microsoft Windows platforms which:
    - o Adds the possibility to render PDFs in 16-Bit; see Dynamic Smoothing
    - o Now supports up to 127 spot color separations instead of 27 for earlier versions

New Printer Drivers:

- Canon

    - o   imagePROGRAF PRO-1000 RGB & CMYK Contone

    - o   imagePROGRAF PRO-2000 RGB & CMYK Contone

    - o   imagePROGRAF PRO-4000 RGB & CMYK Contone

    - o   imagePROGRAF PRO-4000S RGB & CMYK Contone

    - o   imagePROGRAF PRO-500 RGB & CMYK Contone

    - o   imagePROGRAF PRO-520 RGB & CMYK Contone

    - o   imagePROGRAF PRO-540 RGB & CMYK Contone

    - o   imagePROGRAF PRO-540S RGB & CMYK Contone

    - o   imagePROGRAF PRO-560S RGB & CMYK Contone

    - o   imagePROGRAF PRO-6000S RGB & CMYK Contone

- EFI Matan

    - o   QuantumFlex

- EFI VUTEk

    - o   VUTEk 3r

    - o   VUTEk 5r

    - o   VUTEk FabriVU 520

- Epson

    - o   SureColor SC-P50x0 RGB Contone, CMYK Contone and CMYK Halftone (incl. support for the ILS30 spectrophotometer)

- HP

    - o   PageWide XL 4000

    - o   PageWide XL 4500

    - o   PageWide XL 5000

    - o   PageWide XL 8000

- Mimaki

    - o   JFX200-2513 (+ White + Clear + Primer)

    - o   JFX500-2131 (+ White + Clear / Primer)

    - o   TS500P-3200

- Seiko/OKI

    - o   ColorPainter E-54S & E-64S

    - o   ColorPainter V-64S

Updated Printer Drivers:

- EFI Matan

    o Quantum LXr (new print modes)

    o Quantum (new print modes)

- EFI VUTEk

    o GS2000LX Pro UD (added Clear and EFI LX SuperRange ink support)

    o GS2000 Pro (added EFI GS SuperDraw ink support)

    o GS3250LX Pro UD (added Clear and EFI LX SuperRang ink support)

    o GS3250 Pro (added EFI GS SuperDraw ink support)

    o HS100 Pro (added Clear and HS Ultra Pro XA ink support)

    o HS125 Pro (added Clear and HS Ultra Pro XA ink support)

    o LX3 Pro (added EFI LX SuperRange ink support)

- Mimaki

    o Added multi layer printing for White -> Silver -> Color and support for CMYKOcmk & CMYKOk for the following drivers:

        ▪ CJV150-75/107/130/160

        ▪ CJV300-130/160

    o Added BS4 ink support for the CMYK solvent ink variants of the following drivers:

        ▪ JV300-130/160

        ▪ CJV150-75/107/130/160

        ▪ CJV300-130/160

- Roland DG

    o Added support for ECO-SOL MAX3 inks for the following drivers:

        ▪ VersaCAMM VS-640i/540i/300i

        ▪ VersaCAMM SP-540i

        ▪ VersaEXPRESS RF-640/640A

        ▪ SolJet Pro 4 XF-640

    o Added support for ECO-UV4 inks for the following drivers:

        ▪ LEC-300/300A

        ▪ LEC-330/540

        ▪ LEJ-640

Availability:

- NOTE: The update to Fiery XF 6.4 can only be performed after a 6.4 license has been downloaded and installed.

- Fiery XF 6.4 is available as an online update for all configurations of Fiery proServer and Fiery XF version 6.3 and 6.3.1. Customers with 6.0 installed, first need to update to 6.1 (via the online updater, or using 6.1 DVDs) and then use the online updater to update first to 6.2, then to 6.3 and then to 6.4. Customers with an earlier version installed need to perform a full installation of 6.0 or 6.1, and then perform the necessary online updates to get to version 6.4.

- EFI will pre-activate 6.4 upgrade licenses for all customers with a valid EFI software agreement (SMSA or ESP). To download a pre-activated license, choose Activate Fiery XF from the Fiery XF Control application, check Download previously created license, and then click the Download Activated Licenses button before you start the installation of the update. 7. Note: If you attempted to run the 6.4 updater before installing the 6.4 license you can restart the upgrade process by launching the updater from the EFI Downloads folder created on the Desktop, after performing the steps above.

- For Fiery products not covered under an EFI software agreement, an EFI representative or Certified EFI reseller, can provide the Fiery upgrade or EFI software agreement options available based on the Fiery products owned.

Software Maintenance & Support Agreement (SMSA) and EFI Enhanced Service Program (ESP):

EFI Software Maintenance & Support Agreements (SMSA) and Enhanced Service Program (ESP) agreements for Fiery XF and Fiery proServer provide an ongoing stream of features, improvements, fixes and the latest printer drivers. Fiery XF 6.4 is available at no additional charge for all customers with their Fiery software covered under one of these agreements.

For more information contact your local Fiery proServer or Fiery XF dealer, or visit www.efi.com/fiery-for-inkjet. EFI's portfolio of integrated solutions increase productivity and improve your bottom line. Find out more at www.efi.com.