



EFI Designer Edition 5.1

A closer look



essential to print™



1 Overview 1/3

- New features and changes in the EFI Designer Edition
 - New license management
 - New Color Management features
 - Multi color profile support
 - Gray variation prints
 - Support of L*a*b* correction profiles
 - Signal color can indicate RGB images in mixed documents
 - Improved "Pure Black" Feature
 - Color presets
 - Support of EPL for Canon imagePROGRAF series
 - Online Profile Updater
 - Setup assistant
 - Application of general job settings to individual job
 - UGRA/FOGRA media wedges version 2.1
 - New RIP technology
 - New CPSI version
 - General changes
 - No different RIP resolution



1 Overview 2/3

- New devices
 - Canon iPF series
 - Canon iPF 5000/9000
 - DOD Inkjet, 17"/60", CMYKRGBcm-MediumK-LightK, Pigment
 - Canon iPF 500/600/700
 - DOD Inkjet, 17"/24"/36", CMYK, Pigment
 - Canon iPF 8000
 - DOD Inkjet, 44", CMYKRGBcm-MediumK-LightK, Pigment
 - Hewlett Packard Photosmart Pro B9180
 - DOD Inkjet, A3+, CMYcmg-PhotoK-MatteK, Vivera Pigment
 - Hewlett Packard Designjet Z2100 Photo
 - DOD Inkjet, 24"/44", CMYcmg(ray)-PhotoK-MatteK, Vivera Pigment
 - Hewlett Packard Designjet Z3100 Photo
 - DOD Inkjet, 24"/44", CYRGBcmg(ray)-DarkGray-PhotoK-MatteK, Vivera Pigment



1 Overview 3/3

- New devices
 - With Service Pack 1:
 - Epson Stylus Pro 3800
 - DOD Inkjet, 17", CMYcmLightK-LightLightK-PhotoK-MatteK, Pigment

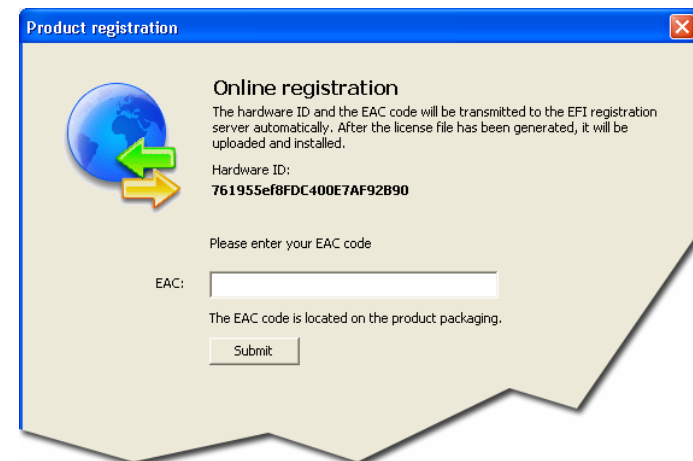
2 License management 1/2

■ What is the functionality?

- Software will be delivered without an USB dongle.
- **Full version:** License will be linked to various hardware components.
- **Upgrade version:** License will be linked to the existing USB dongle. Please insert the dongle before you start the installation process.
- Product activation needs an EAC like in EFI Colorproof XF.
- License procedure can be done automatically or manually.
- **Note:**
 - EFI Designer Edition v5.1 requires a new installation.
 - If the EFI Designer Edition v5.1 needs to be installed on a different machine or one hardware component needs to get replaced...
 - ...the software will not work anymore...
 - ...and needs to be re-hosted.

■ Where can I find it?

- Launch EFI Designer Edition
 - If you start the application the first time a message will pop up.





2 License management 2/2

- How does the Re-host process works?
 - Contact information of EFI support:
 - USA: +1 877 728 2378 or us.activation@efi.com
 - EU: +49 2 10 27 45 45 99 or eu.activation@efi.com
 - The following information are important: **EAC and ID.**
 - Please use the EAC code which was provided with the software.
 - Hardware ID: If you are using a full version, the EFI support needs the hardware ID. Please go to to "Help", select "License", select "Offline" and click on "Next".
 - Dongle ID: If you are using an upgrade version, the EFI support needs the internal dongle ID from your existing EFI Designer Edition dongle. Please go to "Help", select "License", select "Offline" and click on "Next".
Make sure that you insert the USB dongle first!!
 - EFI will check the validation of the provided information and will generate a new license file which can be downloaded by the user using the activation website or the automatic licensing function in EFI Designer Edition.

- What is the benefit?
 - Automated registration ensures easy and secure product activation.



3 Color Management – Multi color profiles 1/6

- **What is the functionality?**
 - ICC profiles up to 7 channels are supported as a reference profile and paper profile.

- **Where can I find it?**
 - Go to: Preferences\Color
 - The multi color profiles can be selected in a special drop down menu
 - Multi color paper profiles will be selected as standard paper profiles.

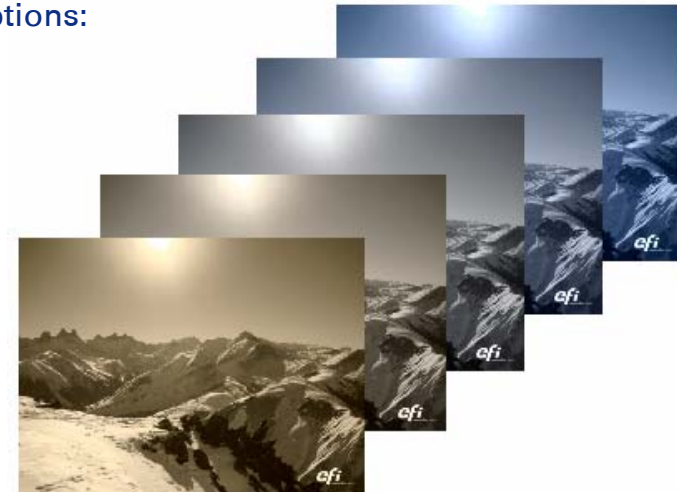
- **What is the benefit?**
 - Simulation of presses with more than 4 color.
 - Use of bigger gamut of multi color inkjet printer.

3 Color Management – Gray variation prints 2/6

- **What is the functionality?**
 - User definable levels of printed gray. The software offers 5 options:
 - Neutral
 - Medium warm and warm (reddish cast)
 - Medium cold and cold (bluish cast).

- **Where can I find it?**
 - Go to: Preferences\Color
 - Select in “Color Output Preset” the entry “Photo”
 - Click on “Advanced” -> “Convert whole image to grayscale”

- **What is the benefit?**
 - Production feature for fast and easy image conversion.
 - Gray and colored images can be printed in different gray shades without the need of additional software.



3 Color Management – L*a*b* correction profiles 3/6

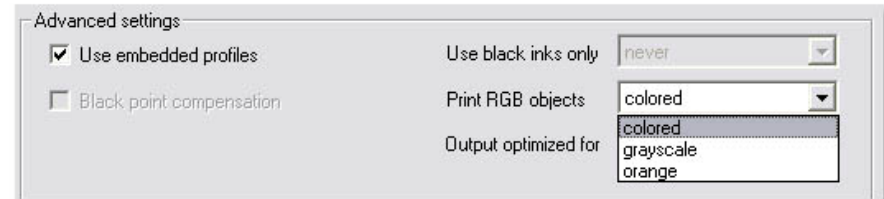
- **What is the functionality?**
 - L*a*b* correction profiles contains a correction table in order to get as close as possible to a reference.
 - Table gets created in a iterative optimization process using EFI Colorproof XF 3.x.
 - Ensures high level of accuracy regarding a specific reference file.

- **Where can I find it?**
 - Go to: Preferences\Color.
 - Select in “Color Output Preset” the entry “Proofing”.
 - Click on “Advanced”.

- **What is the benefit?**
 - Maximum color accuracy; lowest Delta E.
 - Perfect alignment
 - of printer to a specific reference.
 - of different printers in a multi printer environment (local or remote).
 - Key feature for setup a remote workflow.

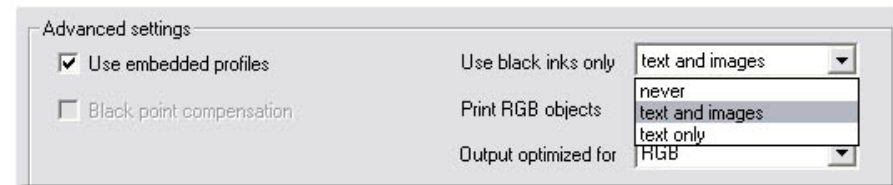
3 Color Management – Signal color orange 4/6

- What is the functionality?
 - Detection of RGB objects within a mixed document of RGB and CMYK files.
 - Within a CMYK workflow, RGB images must be converted into CMYK. This features makes sure that accidentally placed RGB images gets detected immediately.
- Where can I find it?
 - Go to: Preferences\Color.
 - Select in “Color Output Preset” the entry “Proofing”.
 - Click on “Advanced” -> “Print RGB objects”.
- What is the benefit?
 - Production security within a CMYK workflow.



3 Color Management – Pure black 5/6

- **What is the functionality?**
 - The “Pure black” feature is definable for “Text only” or for “Text and images”.
 - If one of the feature gets activated, the text or images gets printed only with the black ink of the inkjet device.
 - Color Management will get by passed.
- **Where can I find it?**
 - Go to: Preferences\Color.
 - Select in “Color Output Preset” the entry “Photo”.
 - Click on “Advanced” -> “Use black inks only”.
- **What is the benefit?**
 - Fonts will be printed clear and sharp.
 - Neutral print out of gray scale images.



3 Color Management – Color presets 6/6

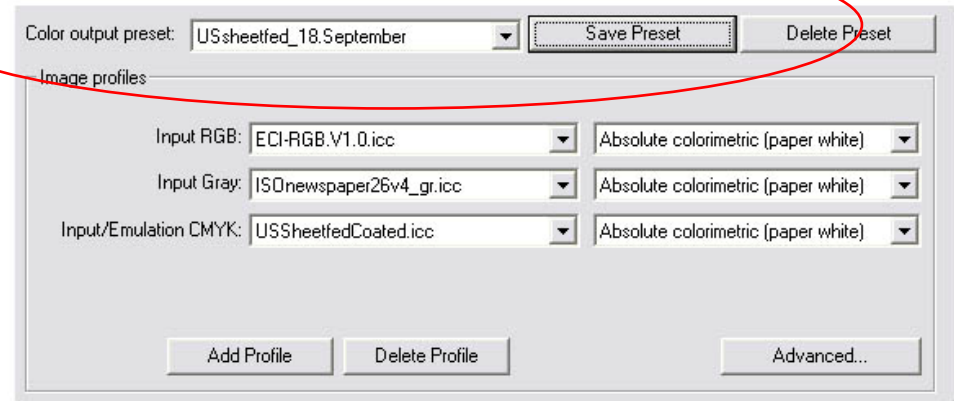
- What is the functionality?
 - Color change can get saved in a preset including the advanced features.

- Where can I find it?

- Go to: Preferences\Color.
- Select “Color Output Preset”

- What is the benefit?

- Color changes can get saved and used for later jobs.
- Simple selection of appropriate color setting.



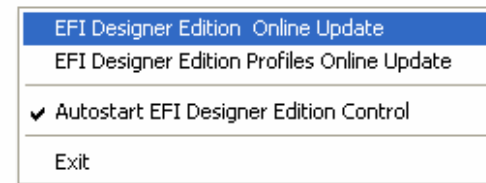
4 Online Profile Updater 1/1

■ What is the functionality?

- The Online Profile Updater connects automatically to a server which hosts all available ICC profiles the EFI Designer Edition supports.
- The user can browse thru a numerous amount of ICC paper profiles and select the ICC paper profiles he needs.

■ Where can I find it?

- Make a right mouse click onto the EFI XF Control.
- Select "EFI Designer Edition Profiles Online Update."



■ What is the benefit?

- Simple and secure update onto the latest available ICC paper profiles.

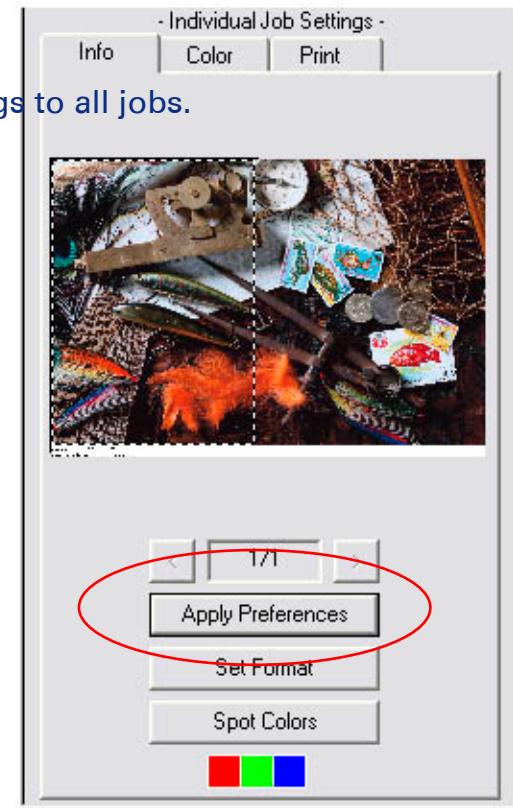
5 Setup assistant 1/1

- What is the functionality?
 - If the software gets launched the first time, the user gets asked to select one of the standard settings for photo or for proofing.
 - Settings Photo: No CMYK reference profile.
 - Settings Proofing: CMYK reference profile (
 - All selected settings get loaded for all following startup.
 - After the user selected a option, the standard preferences screens appears.
- Where can I find it?
 - Start EFI Designer Edition.
 - Wizard appears only at the first startup.
- What is the benefit?
 - Easy and fast setup of the RIP according to the area of application (Photo – Proofing).



6 Application of job settings 1/1

- **What is the functionality?**
 - If the user change the general software settings in the “Preferences”, these changes will not get applied to the existing jobs.
 - All jobs which are currently in the workflow will not change.
 - A new button “Apply preferences” can apply the general software settings to all jobs.
- **Where can I find it?**
 - Click on View\Job Info and display the “Individual Job Settings”.
 - Click on the Info tab.
 - Down at the window is the new button “Apply Preferences”.
- **What is the benefit?**
 - Easy and fast application of changes.





7 UGRA/FOGRA media wedges 1/1

- What is the functionality?
 - Ugra/Fogra media wedge v2.1 is a media wedge with 46 patches for measurement based verification of a proof compared to a specific reference (for instance ISOCoated)
 - The media wedge v2.1 is an updated version of the already existing v2.0. The following media wedges are supported:
 - v2.1 -> Gretag Macbeth Spectroscan, Techkon manual measurement
 - v2.1a -> Gretag Macbeth Eye One
 - v2.1x -> X-Rite DTP41
 - v2.1e -> X-Rite DTP41: automated measurement
-> Gretag Macbeth Eye One: manual measurement
 - v2.1g -> Gretag Macbeth iCColor: automated measurement
-> Eye One: manual measurement
 - v2.1xp -> X-Rite DTP20/Pulse: automated measurement
 - v2.1xa -> X-Rite DTP41
 - v2.1gi -> Gretag Macbeth Eye One iSis
 - v2.1xd -> X-Rite DTP70
- Where can I find it?
 - Go to Preferences/Layout
 - Click on "Print control strip"
- What is the benefit?
 - Support of Ugra/Fogra media wedges for additional measuring devices.
 - Print of media wedge on each proof for measurement-based verification against matched reference.



8 General changes 1/1

- Improved RIP Technology
 - Support of CPSI 3017
 - Full support of PDF up to v1.7.
 - Speed optimized.
- No different RIP resolution
 - The slider “RIP resolution” was removed. The RIP works now on highest quality by default.



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