

FirstPROOF v3.1.4 Release Notes

The 3.1.4 release of FirstPROOF predominantly consists of the Mac Universal Binary release which runs on both PowerPC and Intel Macs (OSX only), but in addition contains a small number of new features and bug fixes.

1. Changes and Fixes To FirstPROOF:

1. A new “HMR PGBSHare Installer.ps” installer file has been created for both Mac (OSX) & PC Hqn RIPs to automatically locate and share their PageBuffer folder as HqnRIP. For further details, see the information on the web page:
<http://www.hamillroad.com/main/support/sharing.htm>
2. Fixed a small and occasional memory leak with certain Device/Job names for TIFF Inputs.

2. Changes and Fixes To FirstPROOF Std:

n/a

3. Changes and Fixes To FirstPROOF Pro:

1. A new Tone Curve Manager has been added. This allows the user to create a Tone Curve that can be applied to n-bit (NOT 1-bit) data. Multiple Tone Curves can be created and selected. The intended use of this is to invert any Tone Curves used to RIP an n-bit job - 1-bit screened jobs should use the Dot Gain Manager to emulate any dot gain obtained when burning a plate or printing on press.

To create a new Tone Curve:

- a) View an n-bit contone job, enable Tone Curves and open the Tone Curve Manager.
 - b) Expand the Colors section and create new Tone Curve Sets & Colors as required.
 - c) Unlock the Padlock (make sure you are viewing at 100%).
 - d) Select either “Uncalibrated Film/Plate %Dot” or “Calibrated Image Density” (FirstPROOF Pro only).
 - e) In the former case, measure the %Dot of all the patches in an uncalibrated job from the film/plate.
 - f) In the latter case, measure the Density^(*) of all the patches in a calibrated job.
 - g) In both cases, click on the top ‘0.0’ and enter the Labels for all the patches (pressing tab after each entry)
 - typically 0, 5, 10, 15, 20, 30, 40, 45, 50, 55, 60, 70, 80, 85, 90, 95, 100 (or something similar).
 - h) In both cases, enter the Values from either stage e) or f) as appropriate.
 - i) Alternatively when measuring “Calibrated Image Density”:
 - delete all the Values (so they are blank)
 - position the Density Tool over each patch to be measured
 - press Enter/Return
 - repeat for each patch to be measured.
 - j) enable the Color (a color is automatically disabled whenever any Label or Value is blank).
- ^(*) Use FirstPROOF’s Density Tool on the RIPped image data.

All other aspects of the Tone Curve Manager behave in the same way as they do in the Dot Gain & Selection Manager (that is creating Sets, deleting Sets, etc...).

4. Mac Changes and Fixes:

1. FirstPROOF has been ported to compile as a Macho binary under XCode and build a Universal Binary that runs under OSX on both the new Intel Macs as well as the older PowerPC Macs. The former CFM binary, compiled using Metrowerks CodeWarrior that runs under OS9 and OSX (PowerPC only) is still available, but will likely stop shipping towards the end of the year. The performance of the Macho binary on OSX/PowerPC is about 5% faster than the old CFM binary on OSX/PowerPC, so is worth using.
2. A new TIFF library has been released which fully supports long file names on the Mac. Previously, a few operations (such as Merge) had issues and didn’t always work.

5. PC Changes and Fixes:

1. The way in which files & folders are created has been changed to eliminate some problems with user accounts and file/folder permissions, especially across the network. Previously, depending on how user accounts and the network were setup, FirstPROOF could create files or folders that it subsequently could not access.

6. Other Changes and Fixes:

n/a