

Describe the principles involved in the production of digital proofs

Proofing

Download, read notes and answer questions

Imagesetters

Download, read notes and answer questions

Colour Management

ColorSync Colour Management

Calibrating Printers

Print Control Strips

Download, read notes and answer questions

Preliminary checks usually taken before producing colour digital proofs:

- (a) Calibration of output device
- (b) Selection of software colour profiles or settings

Instruments and aids available for calibrating digital proofing devices are:

- (a) Colour measurement devices
- (b) Colour reference guides
- (c) Grey balance test prints

Colour management choices when producing digital proofs are:

- (a) Printer driver colour handling
- (b) Operating system colour handling
- (c) Printer hardware colour handling

Limitations of Screen Proofs or Soft Proofs

- (a) They are likely to be viewed on various non-calibrated display screens, resulting in different colour appearance
- (b) They will be displayed using the RGB model
- (c) PDF files used for proofing may not be the same file used to print

The printing of the same file to several different devices, such as proofing printers and imagesetters, may result in different file treatment by each device and therefore a different final appearance. This is because the different Raster Image Processors (RIPs) which are built into the equipment, have different ways of displaying line spacing, word spacing and graphic files, when processing the file. To obtain consistency in outputting files it is wise to use the same manufacturer who produces printers for proofing and imagesetters.

Finally the customer needs to be aware of the limitations of accuracy with any particular proof, with regard to line ending of text and colour.