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Paper No. 7

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DESKTOP

REPRO



What is desktop repro?

- Picture processing capability on anybody's desk?
- Use of PC or Mac with off-the-shelf software?



Advantages and limitations

- Low price of workstation and software
- Software not specifically designed for printing applications or for newspapers
- Little or no contact between developers and end users
- Training gap (it is so easy and intuitive!...)
- Productivity problems
- Quality problems

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Photoshop, a few hints...

- Pre-press/repro management should experiment with Photoshop and tune it to printing specs **before** delivering it to production.
- Lock Preferences
- Write guide book, showing procedures to be followed (describe steps with the help of screen shots)
- Among those steps: tone correction, USM
- Use Transfer Function (in "Page Setup") for dot gain compensation (linearize imagesetter on the RIP)

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Photoshop productivity

- Can be improved with automatic functions similar to functions incorporated in high-end scanners
- e.g.: Binuscan
- Binuscan, International Sales Division
4 Av. Prince Albert, 98000 MONACO
Fax +33 92057463
- Representative in India:
Summit Data Products Pvt Ltd., NEW DELHI 110016
Fax +91 11 685 4771 (Mr Rakesh Kapoor)

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Photoshop quality

- Tools for calibrating scanners
- Level adjustment / Double white function
- Improving RGB to CMYK conversion
- Delta 2 Color, by Anitec

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Alternatives to Photoshop

- Live Picture, from FITS imaging
- QuarkXposure, from Quark

