

The logo for OnColor ECO, with 'OnColor' in orange and 'ECO' in green.

**Reduce ink costs substantially while
maintaining print quality**

■
Preserve perfect image quality

■
Automated operation



Readers expect high quality, advertisers and publishers demand it, yet costs continue to climb. ProImage remains committed to keeping print quality high and production costs low.

**making
complex
publishing
simple**

ProImage's OnColor ECO automatically reduces ink consumption of newspapers and offset presses while maintaining the highest possible print quality. It automatically analyzes PDF files and, using Gray Component Replacement (GCR), determines the optimal amount of ink needed to produce the best image quality.

Using sophisticated algorithms and ICC profiles for input and output, ProImage's OnColor ECO replaces an equal amount of CMY ink (the gray component) with BK ink to produce a perfect output using much less ink.

Ink savings in the order of 10% to 40% – in most cases, the average ink volume saved is in the order of 20% Replacement of expensive CMY with a more economical BK ink – this leads to more substantial cost savings than volume saving (for example, savings of 20% in ink translate to approximately 35% in cost savings).

Sharper images – the effect of sharper images is highly visible when dark items that were printed with CMYK are modified to K only.

More natural and stable gray balance and color fidelity – since only the essential ink components remain on the image, colors are more stable and easy to control on the press.

Faster ink drying time – a 20% ink-volume reduction can decrease drying time significantly, reaching half the required time.

File size after conversion is significantly reduced – in most cases, high file compression is achieved while maintaining initial quality.

The result: perfect output using much less ink.

Easy-to-use controls allow essential setting and additional fine tuning without having to make new profiles. ProImage OnColor ECO puts you in control of quality at minimum cost.

For more information contact any of our subsidiaries or visit our web site:
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Before OnColor Eco



After OnColor Eco



OnColor ECO does not affect the intended output colors of the printed page. The replacement of C, M and Y inks by black inks is clearly seen in the example above.