PROIMAGE

OnColor eco

Automatic Operation

Average savings - 20% for newspapers and 30% for commercial work

Easy to implement

Ink Save statistical analysis proves savings

Versatile GCR level control maximizes quality

Supports unlimited configurable Hot-Folders and Workflows

ICC based conversion using Lab* connection space

Smart Input Space Recognition (SISR) for color space analysis.

Replacement of Process Color with Spot Color

OnColor ECO helps you to maximize print quality while significantly reducing ink usage and production cost.

Your readers expect high quality - Your advertisers demand it

ProImage ink optimization software solutions have become industry standards. Easy-to-use and with a rapid ROI, OnColor ECO solution will fit seamlessly into your workflow.

OnColor ECO automatically analyzes PDF files and, using Gray Component Replacement (GCR), determines the optimal amount of ink needed by newspaper and commercial presses to produce the best image quality.

It reduces ink consumption and this means less cost, less rub-off and set-off, and a smaller carbon footprint.

Using sophisticated algorithms and ICC profiles for input and output, ProImage OnColor ECO replaces an equal amount of CMY ink (the gray component) with lower cost black ink to produce a perfect printed result every time, whilst using much less ink overall.

making complex publishing simple

PROIMAGE

OnColor ECO

The main benefits of Proimage OnColor ECO are:

• **Cost reduction** - Ink savings in the order of 10% to 40% – in most cases, the average ink volume saved is approximately 20%.

• **Sharper images** – sharper images are highly visible when dark items that were printed with CMYK are replaced by K only.

• **Control of Total Ink** - prevents ink set-off, eliminates the use of powder and reduces the ink drying time.

• **Improved gray balance** – natural objects look more realistic

• **Better color stability and fidelity** – since only the essential CMY ink components (pure color) remain on the image, colors are more stable and easy to control on the press.

• **Ink saving analysis** – a special algorithm calculates the exact amount of ink and cost saved during processing.

• **Smart Input Space Recognition** – this sophisticated algorithm detects each image's color space enabling correct input to the press color space.

• **Process to spot color replacement** – enables replacement of one of the process colors with a spot color to reduce ink used.

• **Reduced file size** – in almost all cases the use of PDF files with OnColor ECO significantly reduces file size by compression while maintaining original quality.

The easy-to-use controls allow essential setting and additional fine-tuning without having to make new profiles. With the use of up to four parallel processors image conversion is extremely fast.

OnColor ECO puts you in control of quality - and your ink costs.

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.

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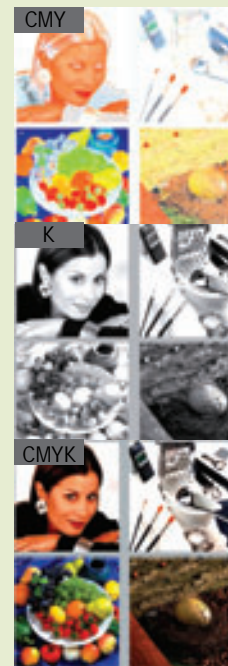Tel: (609) 587-5222
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