

PRODUCE WHITE UNDERPRINT IN ONE SINGLE PASS

iColor® TransferRIP is an add-on application that allows the user to manipulate the white layer under the graphic for printing on dark or transparent media where white is required as a background color.

This application also converts the iColor 500 digital printer into a four-color single pass device using a CMY-FW cartridge set. Unlike other laser printers, the **iColor® 500** and **TransferRIP** software solution allows users to arrange the cartridges in different positions. This enables white toner printing for heat transfer and for standard print applications such as flyers and transparencies, and to enhance the brilliance of any graphic with its **White Underprint** capabilities.

How does the **iColor® TransferRIP** work its wonders and what are its benefits and advantages?

iColor® TransferRIP OVERVIEW

Before explaining how the **iColor® TransferRIP** software upgrade works and excels, the basics on the application should be covered. The **iColor® TransferRIP** is a standalone software application that includes printer drivers for the UniNet **iColor® 500**. This adds a unique color mapping function that allows the conversion of an **iColor® 500** from its default five-toner CMYK-FWWhite configuration to a four-color CMY-FW printer. The RIP manages the position of cartridges in order to print with white over color for heat transfer or white under color for standard print applications.

iColor® TransferRIP BENEFITS & ADVANTAGES

There are lots of advantages to using the **iColor® TransferRIP** upgrade. This lists the top seven:

- **Color Mapping:** The Color Mapping tool offers to print Fluorescent White over CMY to support dark garment decoration, or print CMY over Fluorescent White for prints that do not need to be heat applied. Boutique style flyers on black or colored card stock are very easy to do. It just requires replacing the Black toner cartridge with white, keeping the standard toner positions and the machine will be ready to run desired prints. This preserves the **iColor® 500**'s full range of print and heat transfer applications.
- **Simpler Printing:** Using **TransferRIP** simplifies white toner printing by eliminating the possibility the CMYK and White layers may not align perfectly. Single pass printing removes this worry and produces perfect alignment of white and color for professional quality transfers every time. This makes the print process faster and easier.
- **Simpler Design:** **TransferRIP** will simplify steps by adding the white layer to the artwork, so it is not necessary to create it in the design application. There is also not required to determine how much smaller the white layer should be in order to achieve correct CMYK-to-white registration. The user will only need to create the image with a transparent background, and in this case **TransferRIP** will add the white layer to it. This benefit alone can save hours in design time.
- **More Graphic Design Possibilities:** FlexiSIGN and Vinyl Express LXi usually do not work well with two-pass printing. Printing directly from either application causes a noticeable shift on the second pass when the white layer is printed over the CMYK layer. However, using **TransferRIP** software will eliminate that issue because the user will be able to design the image in either LXi Master Plus or any version of FlexiSIGN or FlexiDESIGNER, and then the result when printed from **TransferRIP**, will be a perfectly registered CMYW print ready for the heat press.
- **White Layer Opacity & Choke Control:** The 4th Step in the **TransferRIP** workflow is the spot channel control. The RIP's default spot color setting is designed to save money by adding White only where it is needed to support bright colors in the design. **TransferRIP** also allows increasing the white layer opacity up to 400% for super opaque white and vivid color. In addition, this application includes a choke tool for shrinking the white layer for optimal image quality.
- **Color Management Tools:** **TransferRIP** offers features to select and replace colors, control saturation, and to increase or reduce color by channel. The color management tools provide to optimize customer-supplied artwork upstream of the printer.

- **Softer Transfers & Lower Toner Costs:** The final step includes a Screen option that converts the image from solid layers of toner to halftones. There are presets engineered for use with light and dark apparel. Each includes several options for dot sizes patterns, highlights and shadows. The use of the halftone features makes the final transfer softer by placing toner only where it's needed. This feature provides the applied transfer a softer hand and reduces toner cost by up to 40%.

These and many other features are comprised in the iColor TransferRIP software which is the most affordable white toner option on the market, and certainly the optimal solution to simplify workflow, enhance prints. Capitalize on benefits such as simpler design, single-pass printing, color management, White toner opacity control, plus an elegant screening option to reduce cost and soften transfers.

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