

# Ink Optimizing Solution for **KODAK COLORFLOW PRO** SOFTWARE

## Do More with Less

### Reduce ink consumption by up to 30% with powerful color-conversion intelligence

The KODAK Ink Optimizing Solution is an option for KODAK COLORFLOW Pro Software that helps achieve press stabilization and ink savings on press. This powerful solution creates CMYK ICC DeviceLink profiles with a high level of GCR (Gray Component Replacement). Sophisticated algorithms measure color blends, then convert them to reduced-ink equivalents that do not affect image appearance or the sharpness of text or line art. Actual ink savings vary depending on the amount of color and color blends in a job, but ink savings of up to 30% are common.



#### Increase print stability

Building images with more black rather than CMY ink improves color consistency, particularly through the mid-tones.



#### Save time and reduce waste

This fully automated solution can be applied at input or output for press change flexibility even at late stages, to bypass reprocessing time. Improved color consistency enables presses to come up to color faster, reducing makeready time and start-up waste.



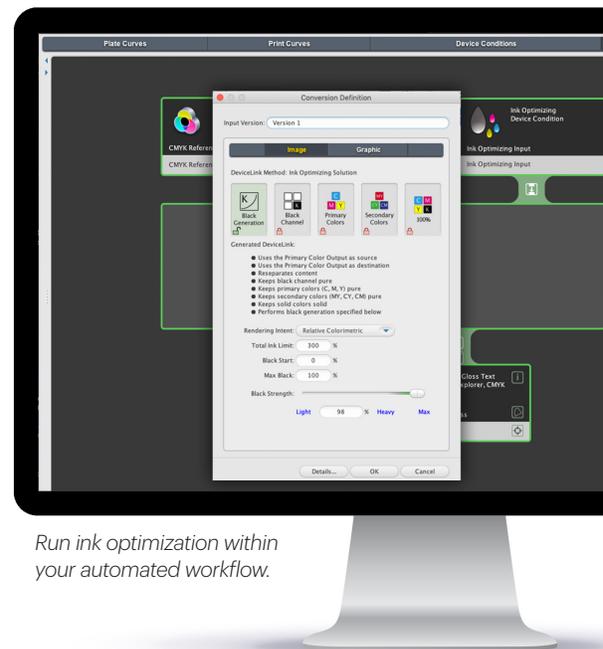
#### Maintain true colors

Pure primary and secondary colors are preserved for sharp, crisp reproduction of black text, vector graphics, and other pure color elements. The profile also limits Total Area Coverage (TAC), for additional ink control.



#### Leverage on-press benefits

Reducing ink usage makes the entire printing process drier, resulting in cleaner runs, decreased web growth and lower energy requirements. Printing less ink also means you can run faster and/or use lower-grade paper without sacrificing quality.



Run ink optimization within  
your automated workflow.



**Ink Optimization cuts ink usage — and press time — by using black to replace some color ink.**

**Without  
Ink Optimization**

*Final result*



*CMY channel*



*K channel*



**With  
Ink Optimization**

*Color vibrancy in original  
is maintained despite  
reduction in overall  
ink usage.*



*Final result*



*CMY channel*



*K channel*

## **Ink Optimizing Solution KODAK COLORFLOW PRO Software**

<b>Operating system</b>	MICROSOFT WINDOWS OS, MAC OSX 10.12+
<b>System recommendations</b>	INTEL PENTIUM 4 CPU; minimum 2.8 GHz; minimum 2 GB RAM; minimum 300 MB available hard disk space; 1280 x 960 screen resolution
<b>Requirements</b>	KODAK PRINERGY Workflow with KODAK COLORFLOW Pro Software; also adaptable to any workflow that supports ICC-compliant DeviceLink profiles
<b>Supported measuring instruments</b>	X-RITE i1 and i1iO, X-RITE iSiS & XL, iSiS 2 & XL spectrophotometer

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