



KODAK System Software and Fifth Imaging Unit Solutions

Take it to the next level



Simplify operations and reduce hidden costs before the press starts with the latest system software, developed by Kodak just for KODAK NEXFINITY and NEXPRESS Digital Presses. Just a few clicks is all it takes to set up and run complex jobs with game-changing productivity. Plus, it's one-click easy to apply specialty inks, surface textures and coatings. **Can it get any better?**

Yes, actually. It just **keeps getting better.**

One of the advantages of a dedicated workflow is the seamless integration of a constant stream of continuous upgrades and new features.

There is no waiting. There are no integration hiccups. There is only more productivity, more quality and more differentiation, delivered in a workflow that becomes increasingly efficient.

Have a look at the improvements we've made to KODAK System Software since version 15 was released.

Can you afford NOT to upgrade?



Higher operator productivity

JDF Comments	For JDF-enabled workflows, allows display of JDF Comment field in the User Interface for Operator instructions.
Estimated Print Time	Provides remaining print time estimate for current job in production.
Expanded Saddle-Stitch Impositions	Allows either 2 x N-up or N-up x 2 saddle stitch impositions vs former limit of 2 x 2.
Performance Dashboard	Allows key press metrics to be displayed and exported on any device supporting HTML5.
HTML5-based NexPert	HTML5 replaces Java, for fast applet launch and use.
Print Speed	Allows the Operator to adjust the press speed for optimum printing on 100 and 120 ppm presses.
Integrated ECS Support	For presses installed with an integrated "smart" ECS, provides Operator notifications for filter monitoring and timely replacement.
Substrate Checker Tool	Allows you to compare substrates, create new multi-size substrates and ensure that substrates of the same type use uniform substrate attributes, saving time and improving job accuracy for substrates used in a wide variety of job tickets and templates.
Adobe Acrobat DC 2017	Incorporates the latest features added to Adobe Acrobat so you can support the latest industry standards without replacing your press.
New Archive Capabilities	Provides automatic daily backup of engine counters, media loaded, NexPert settings, ORC data, PCC configuration, press policies, SDMS configuration, service history and user data, enabling faster service time.

New applications

Dura Coat Mode	Automatically places Clear Dry Ink over any CMYK found in a job, using less Clear Ink while providing protection.
Opaque White Dry Ink	Enables the Auto White Blend functionality and other features to add White Dry Ink to jobs without additional prepress or design time.
PTR Selection	When the optional NEXPRESS Substrate Expansion Kit is installed, enables quality printing up to 24 pt/610 microns for Paperboards.
Optional Expanded Media Support	Supports Paperboard up to 24 pt/610 microns thick and Synthetic media up to 14 mils thick.
Support for pre-drilled 3-hole papers	New paper registration logic now allows pre-drilled paper stocks to be printed, eliminating the need for post-press paper drilling.
Custom Color Inks	Provides support for new custom inks developed by Kodak on request, for use in matching a particular color without CMYK blending.
Tab Printing	Provides the ability to print tabs, including pre-collated tabs with tab kick-out to maintain set integrity and jam recovery, simplifying operator responsibilities.



Unmatched image quality

SmartRGB	When selected for a job, it smoothes skintones, reduces grain and keeps details in RGB images.
Ink Optimization (GCR)	When selected for a job, it uses Gray Component Removal (GCR) for greater color stability.
Anti-Halo Effect Removal	Eliminates the halo often found around text in midtones.
Spot Color Recipes	Adds the ability to create special mixes of CMYK+5th station inks for easy specification in the design phase.
Print Quality Calibration Tool	Combines Process Linearization and Intelligent Calibration System (ICS) into one application.
Color Registration Based on Substrate Type	Provides the ability to adjust color to color cross-track registration based on the media to be printed for greater accuracy on thicker materials.

Lower running costs

ECO Mode	When selected for a job, it reduces CMY color saturation and keeps Black at highest Dmax for lower cost.
Updated Consumable Lives	Updated yield estimates for ORC lives for more accurate press maintenance.
Ink Estimator	Estimates the amount of ink used for one set for CMYK+5th Unit Inks without printing, with exports to external systems.
Specified Substrates for Banner and Trailer Sheets	Allows the Operator to specify which stock to use for banner and trailer sheet printing. This is beneficial if the job being printed is using expensive stocks like synthetics, or specialty media like pre-collated tabs, as a less expensive stock can be used instead. Can also be used to show where jobs change in the output stack.



Give them more

Print buyers are looking for ways to reach their target audiences with exciting, new and creative print solutions. With specialty inks, a range of surface finishes, and long-sheet formats, the digital print enhancements enabled by KODAK Digital Sheetfed Presses enable you to give buyers what they want in a highly productive, cost-effective workflow. Most of these enhancements require just a couple of clicks when setting up the job in the Digital Front End.

Intelligent Coating

Apply clear dry ink as an additional protective layer, delivered as a flood or spot coat, to prevent scuffing and boost visual impact.

Intelligent Dimensional Clear

Apply a unique, 3-D effect to grab reader attention. You can also use one of seven pre-loaded textures to simulate expensive textured papers.

Opaque White Dry Ink

This high-opacity ink delivers exceptional density in a single pass, and is ideal for signage, small-format packaging and dark-colored media.

MICR Dry Ink

Certified MICR ink enables single-pass 4-color check printing with or without micro-text for added security.

Custom Colors

Kodak can develop specific ink colors on request, in order to match particular colors without CMYK blending.

Metallic Clear Dry Ink

Create stunning silver or use one of five coating modes to combine with CMYK for a wide variety of metallic effects, or to simulate expensive pearlized stock.

Light Black HD Dry Ink

Achieve ultra-high quality on 95% of print jobs with this unique ink. Since it can't be copied without being halftoned, Light Black can also be used as a low-cost security feature.

Intelligent Glossing

Apply a laminate-like gloss without affecting recyclability. An integrated bar code reader automates this near-line finishing process.

Intelligent Color

Achieve a richer color gamut and accurately match spot colors by using Red, Green or Blue Dry Ink in the Fifth Imaging Unit.

Gold Dry Ink

Create variations of a broad range of gold-toned and metallic tints by combining with CMYK, helping reduce the need to foil stamp.

Red Fluorescing Dry Ink

Protect against counterfeits on packaging or event tickets with this virtually invisible ink. Also useful for quality control applications when used to apply barcoding to a page.

Matte Finish

Expand your range of finishes by virtually eliminating differential gloss on matte and uncoated stocks to achieve a rich, aesthetic look.

Set up requires only about 15 minutes, then you can print at full production speed.

Any NEXPRESS Press with a serial number above 1000 can be upgraded to support the features listed here. Additional upgrades may be required for presses built before 2009.

WWW.KODAK.COM/GO/NEXPRESS

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Fifth Imaging Unit Solution

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Dimensional Printing System

KODAK NEXPRESS
Red Fluorescing Dry Ink

INTERTECH
TECHNOLOGY
AWARDS

