



- KODAK DLS System Management Software
- KODAK DLS Enhanced Services Software
- Optional KODAK DLS Software and Hardware Accessories

## Making it **easier** to **build** your **business** – and run your business too.

KODAK DLS Software provides more ways to profit from digital photofinishing, while meeting your requirements for image quality and operational productivity.



Put the **power of KODAK Image Science**  
to work for you.



Nearly 30 years ago, Kodak invented the world's first digital still camera and developed the color sensing technology that makes digital cameras lightweight and affordable.

Today, Kodak's proprietary advantages in digital image science extend throughout the digital image capture, enhancement, management and output chain enabled through KODAK DLS Software and Accessories.

*What they see is what they get.*

KODAK Image Science gives you the power to print what people remember seeing when they took their pictures. For example, a person standing in this naturally lit room (below) would have little trouble distinguishing detail in both the shadows and the highlights. That's because the human eye is capable of adapting to high-contrast environments in ways that traditional photographic systems can't.

Consequently, the perfect picture in the mind's eye often turns out to be less than perfect when rendered in a traditional optical print.

To solve this problem, KODAK DLS Software incorporates advanced color management and image enhancement algorithms that emulate the way people see the world around them. As a result, the prints and enlargements you make do not have to be compromised by the limitations of your customers' cameras (traditional or digital), film selection or picture-taking skills.

*Better algorithms mean better pictures.*

Once an image has been scanned and digitized, KODAK DLS Software provides a sequence of instructions to identify and correct a wide range of image-quality problems that were introduced when the picture was taken.

Proprietary algorithms exclusive to KODAK DLS Software reflect the ongoing analysis of millions of consumer photographs, interviews with leading photofinishers around the world, plus in-depth research into the psychological and cultural factors that influence consumer color and image characteristic preferences.

As a result, every picture you print will be the best that it possibly can be based on our collective understanding of what your customers want most.





### *1 Concurrent workflow speeds order fulfillment.*

KODAK DLS Software provides truly concurrent workflow that lets you scan, print and process film or digital orders simultaneously without the need for a second workstation or operator. To speed mixed order fulfillment, every print and digital output option can be produced from a single scan.

### *2 Work-In-Process (WIP) simplifies remakes.*

Up to 15 recent orders can reside in an internal buffer (Work-In-Process queue) that eliminates the need to re-scan for remakes.

### *3 Fast digital file printing accommodates future workflow.*

Kodak's exclusive software architecture optimizes throughput from digital files – that is especially important as digital cameras become the primary source of image capture.

### *4 Auto-initiate scanning enhances operational efficiency.*

To save time, operators can work in a prejudge mode, and orders can be batched to eliminate the repetitive need to return to the order screen. This workflow advantage simplifies training while providing the look and feel of an optical system.

### *5 Convenient template preview helps eliminate mistakes.*

Operators can preview template images with text, graphics and photos already in place to increase first-time quality while reducing makeovers. (Works with KODAK DLS Software templates plus those created with KODAK CTS Template Generator Plug-In for ADOBE PHOTOSHOP Software.)

### *6 Network print order management delivers a total open-system solution.*

KODAK DLS Software makes it easy to link your digital lab system to in-store KODAK Picture Maker kiosks and other retail systems – including online photofinishing services and third-party software.

### *7 Adjustable system settings give you greater control.*

Convenient system administration tools allow you to easily adjust system settings based on store and local market preferences. As a result, the pictures you make will meet your customers' expectations, as well as yours.



## KODAK DLS System Management Software makes it **easy** to **improve** problem pictures.

With KODAK Image Science, KODAK DLS Software makes it easy to create the best possible photographs regardless of lighting conditions or film and camera selection.

Many of these picture fixes occur automatically, so you can easily enhance both image quality and customer satisfaction without requiring your staff to examine each picture.

*Zoom and Crop*



**Automatic Tone Scale Correction** – significantly improves shadow and highlight detail for backlit and flash-in-face shots with no loss in productivity.

**Automatic Sharpening** – lets you specify a precise degree of sharpness for the images you print.

**Automatic Scene Balance** – optimizes color and density without overcorrecting or compromising detected flesh tones.

**Automatic Underexposure Correction** – reduces smoky blacks while improving highlights and contrast.

**Automatic Single Channel Printing** – eliminates need to preselect film type prior to scanning.

**Automatic Lens Fall-Off Correction** – improves the look and uniformity of prints made from one-time-use cameras.

**Automatic Grain Suppression** – reduces noise, hard edges and pixelization. Automatic detection for 400-speed film and higher, and user-selected print sizes.

**Simplified Red-Eye Removal** – requires no preselection prior to scanning. Software automatically corrects operator-identified red-eye.

**Up To 50x Zoom And Crop** – is not restricted to the center portion of the image.

*Automatic Tone Scale Correction*





## KODAK DLS System Management Software makes it **easy** to offer **more**.

Your customers are looking for more choices; and KODAK DLS Software helps you deliver a wide range of innovative print products and digital output options that picture takers want most. Look at all of these exciting business-building opportunities.

- Standard 3.5" x 5" (9 cm x 13 cm) prints, 4" x 6" (10 cm x 15 cm) prints, APS prints in three sizes, and index prints and enlargements in multiple sizes. Prints can be made from scanned film, slides, prints, digital camera cards and other digital media.

- Package prints include a selection of print sizes of a single image in more than 100 potential layouts for 8" (20 cm), 10" (25 cm), 11" (28 cm) and 12" (30 cm) paper widths.
- Bordered prints
- Photo ID prints
- Black-and-white, sepia-tone, and high saturation prints
- Photo greeting card, announcement and invitation templates (in multiple languages)
- Multiple calendar templates in 8" x 12" (20 cm x 30 cm) and 12" x 18" (30 cm x 45 cm) sizes.
- KODAK Picture CDs (optional) and generic CDs





## Expand the Opportunity with KODAK DLS Enhanced Services Software.

For even greater control of image quality plus additional output options for full-order processing, KODAK DLS Enhanced Services Software enriches the opportunity to differentiate the photofinishing services you offer.

Note: Standard configuration and available options may vary. Please check with your local Kodak representative for details.



*Automatic Red-Eye Detection and Reduction*

### *Enhanced picture fixes.*

**Automatic Red-Eye Detection And Reduction** – incorporates advanced facial recognition technology that makes natural-looking corrections in most subjects without the need for operator intervention.

**Indoor Lighting Correction** – dramatically enhances the image quality of green-cast fluorescent and brownish tungsten pictures.

**Underwater Correction** – improves contrast and reduces the blue cast associated with underwater photography (chromes only).



**Manual Correction Selections** – include dust and scratch removal, sharpness/softness adjustment and contrast adjustment to help transform throwaway prints into cherished memories.

**Digital Capture Enhancements** – provide neutral gamma adjustment while improving black printing, gain and offset.



*Scratch Removal*





*Enhanced print formats.*

**Large Format Index Prints** – make picture identification and reordering easier. Oversize 8" x 10" (20 cm x 25 cm) format includes larger thumbnail images.

**Digital Proof Sheets** – feature thumbnail images on an 8" x 12" (20 cm x 30 cm) black background to improve contrast.

**Friendship Prints** – include one full size 3.5" x 5" (9 cm x 13 cm) or 4" x 6" (10 cm x 15 cm) print plus two wallet-size prints on a single sheet. Ideal for kids and teens who share pictures.

**Note-able Prints** – feature a white strip at the bottom of the print to write notes. Includes preprinted date (month/year) on the front of the print.

**Personalized Promotion Prints** – let you place reduced-size images of your customers' prints plus pricing and other text/graphics in a promotional template to help them visualize how their pictures can be incorporated into greeting cards, calendars, announcements and other template products.



*Enhanced archiving and reorder capabilities.*

**KODAK DLS Store-It System Software** – works with KODAK DLS Store-It System Mini-Archive Kit to let you store and readily access up to 250 24-exposure orders in a high-resolution format. Required to offer Preview & Select service.



## Differentiate your business with optional KODAK DLS Software and Hardware Accessories.

Optional software and hardware accessories give you the opportunity to offer exciting, new digital photofinishing services your competition can't.

### KODAK DLS Preview & Select



Software – makes it possible for your customers to identify the exact pictures, sizes and quantities they want to order before you output their prints. Research shows that initial order size often increases when customers have the option to customize orders themselves. The simple, touchscreen interface is easy to navigate (requires KODAK Picture Maker G3 Order Station or other compatible KODAK Picture Maker kiosk and KODAK DLS Store-It System Mini-Archive Kit).

**KODAK DLS Automatic Dust, Dirt And Scratch Removal Software** – incorporates Kodak's DIGITAL ICE Technology that accurately identifies surface defects on slides, film positives and negatives – then automatically removes them during scanning. Dust, dirt, scratches, fingerprints, tape marks, water spots and imperfections virtually disappear.

**KODAK DLS Enhanced Greeting Card Templates** – include 20 additional creative template designs for Christmas, New Year, and other holiday greetings.



**KODAK DLS Enhanced Announcement & Invitation Templates** – include 15 additional creative template designs for graduations, parties, anniversaries, weddings, thank-you notes and birth announcements.

**KODAK DLS Picture CD Authoring Software** – lets you produce KODAK Picture CDs that include easy-to-use viewing and



photo editing software. Customer-preferred KODAK Picture CDs feature the exclusive PICTURE GUARD Protection system that protects information from the damaging effects of light, temperature extremes, humidity and physical damage. (Requires trademark use and licensing agreements.)



## The Kodak connectivity story.

Only KODAK DLS Software-enabled digital minilabs give you the power and flexibility to communicate with best-of-class KODAK Picture Maker kiosks, other manufacturers' digital photofinishing equipment, and a growing portfolio of third-party software.

This enhanced connectivity is made possible by the KODAK Image Access Standard – a network interface that helps third-party developers interface to your DLS minilab.

Your DLS minilab also works seamlessly with the popular KODAK Picture Maker G3 kiosks to provide your customers more choices and greater control than they have ever had before – including digital camera printing and Preview & Select service from processed film.



**KODAK CTS Template Generator Plug-In** – works with ADOBE PHOTOSHOP Software to let you create custom templates for photo greetings, calendars, invitations, announcements and personalized promotion prints for output on your digital lab system.

**KODAK DLS Store-It System Mini-Archive Kit** – is a hard drive system within your image processing workstation that holds up to 250 24-exposure orders to encourage short-term, over-the-phone reorders of prints, enlargements, CDs and specialty items. Required to enable Preview & Select service.

Give your lab the competitive edge.  
Contact your Kodak sales  
representative to put the power of  
KODAK DLS Software to work for you.

[www.kodak.com](http://www.kodak.com)

KODAK DLS Software features vary from model to model. Please consult with your Kodak representative for additional information.

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