

#### Our imaging legacy your scanning advantage.

For almost 80 years, Kodak has been helping banks, insurance companies, healthcare providers, government agencies and other businesses produce billions of document images. So Kodak is uniquely positioned to know—and deliver—what customers want: easy-to-use scanners that output the best possible image quality.

We make it our business to continually improve our scanners for customers like you.

### With Perfect Page, scanning is faster and easier than ever.

Scanning is all about capturing documents and converting them into images and information.

You'd like to push a button and get perfect images. That's what has driven Perfect Page innovation for two decades. Every **Kodak** Scanner represents decades of experience designing, developing and producing high-speed document transport, optics, illumination and image processing. It all adds up to document capture that's easy, fast, and reliable.

With Perfect Page, less document preparation is required before scanning. Rescans and operator interventions are virtually eliminated. After scanning, forms processing and data entry can proceed at maximum speed. This results in labor savings and optimum productivity.

### The Perfect Page legacy: awesome processing power.

Here's a quick look at our current image processing capabilities, which vary by scanner model,\* followed by an overview of emerging Perfect Page technology that optimizes scanning even more.

White level tracking—automatically adjusts white balance according to what the scanner "sees," and delivers more consistent image rendering—page to page, batch to batch and scanner to scanner.

Deskew, fixed rotation, automatic cropping, border correction—these capabilities combine to deliver right-reading documents with smooth edges without operator intervention. White background deskew capabilities further improve image appearance by eliminating black borders. Fixed rotation allows landscape feeding for throughput improvements of up to 20 percent for letter-sized documents while delivering portrait-format document images that are right-reading.

**Automatic color detection**—the scanner can automatically switch between color and black-and-white output according to what appears on each page. This enables more efficient image transmission and storage because you only capture what you require, color or black-and-white, within the same batch.

iThresholding and Adaptive Threshold Processing (ATP)—analyzes the foreground and background of document images, assessing brightness and contrast, then automatically sets optimal threshold values. This optimizes image quality, making content such as light pencil marks more readable.

Blank image detection/removal—recognizes blank images and automatically deletes them. By eliminating images that contain no data, this capability reduces demands on network bandwidth and storage capacity.

## image quality right at the scanner.

# New Perfect Page innovations: taking scanning beyond page capture.

Our emerging Perfect Page developments continue to add intelligence to the scanning process, by being smarter about document content for more accurate rendering and automatic processing. This can mean fewer processing steps and hand-offs after a document's point of entry, to shorten time to availability.

**Color output adjustment**—allows users to adjust color balance to their personal preference, thus compensating for variations in printers, displays, and lighting conditions. Adjusted settings can then be used as defaults.

**Color management**—significantly improved color accuracy delivers more consistent and standardized color rendering across multiple **Kodak** Scanners. This also enables image processing features, such as electronic color dropout, to perform more consistently.

**Segmentation technology**—enables selected **Kodak** Scanners\* to identify pictures on compound documents such as passport applications or insurance claims. By distinguishing photos from text areas, Perfect Page can apply different processing technologies to each area. Text is optimized while photos are rendered with more detail and clarity.

**Photo extraction**—allows selected **Kodak** Scanners\* to automatically locate, extract and output a photo as a separate black and white, grayscale, or color file. Using one scanner to capture text and photos in a single scan can improve overall workflow efficiency.

**Trainable electronic color dropout**—advanced capabilities allow selected **Kodak** Scanners\* to "learn" a wide range of custom colors. This means that dropout colors are no longer limited to red, green, and blue or a single color per page. The scanner can tolerate wider printing variations in documents and better discriminate between colors. This feature reduces presorting and delivers sharper text for improved OCR performance.

**Background color smoothing**—removes inconsistencies and variations in paper and form background colors for cleaner looking, sharper images. This can make information easier for people to read, and also reduce color output file sizes by up to 15 percent.

Automatic orientation—this technology examines the content of an image to determine the correct orientation, and rotates images accordingly. Documents can be fed mixed portrait and landscape within a batch for right-reading output without time-consuming post-processing. There's less need to be concerned about the occasional sideways document that might slip through document preparation.

\*Visit www.kodak.com/go/perfectpage for a listing of Perfect Page features by scanner model.



#### Up to the challenge.

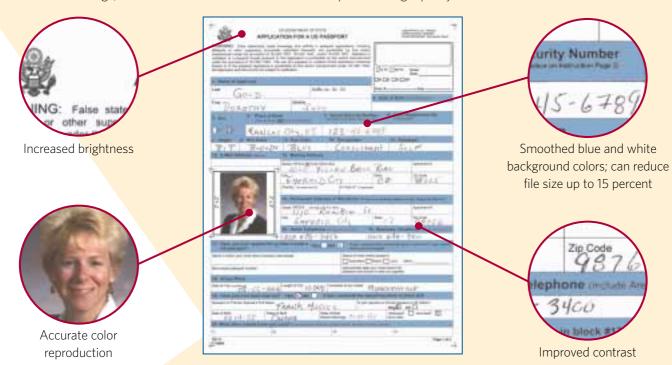
The latest Perfect Page technology can deliver great images from documents that are far less than perfect. The results: fewer exception documents and a more streamlined capture process. Which means greater overall productivity.



## easy and accurate image capture can be with

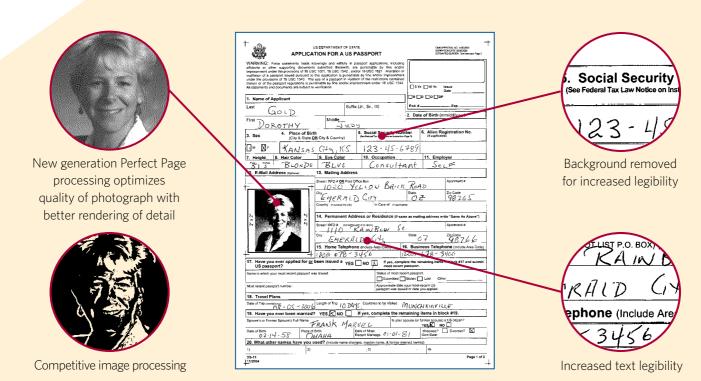
### **Color output with Perfect Page**

The same document, scanned in color with Perfect Page image processing. The result is a much better image, without the need for additional work to optimize image quality.



## Black-and-white output with Perfect Page

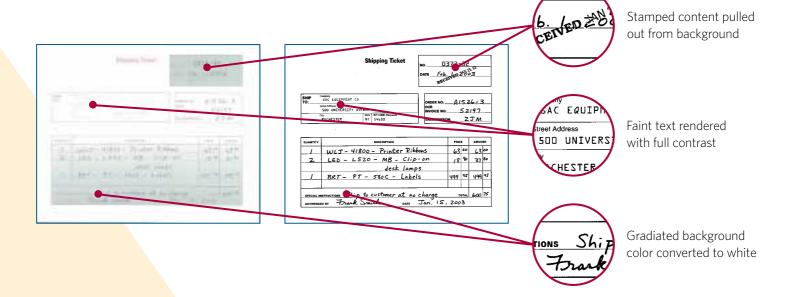
The same document, scanned in black and white with Perfect Page image processing. Again, the result is a much better image, right from the scan.



# Perfect Page turns even "imperfect" documents into

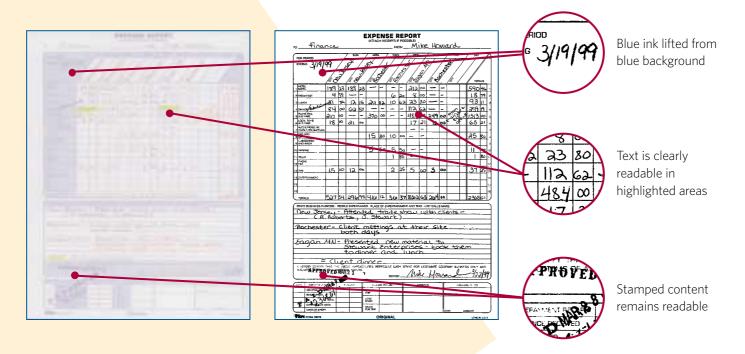
### Multiple colors and annotations are no problem.

This shipping ticket presents multiple colors, machine printing, and handwriting in colored ink. Perfect Page automatically converts the document to a black-and-white image without losing any detail.



### Clean conversion from color to black-and-white output.

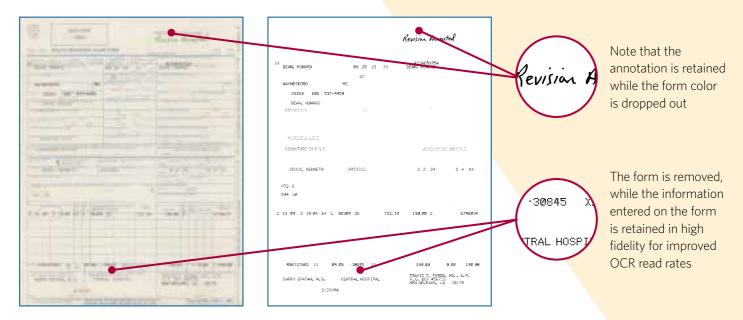
Note how Perfect Page image processing overcomes a colored background, multiple ink colors, highlighting, and even correction fluid to deliver a clear legible scan that preserves all of the information in the original document.



# images that are practically perfect.

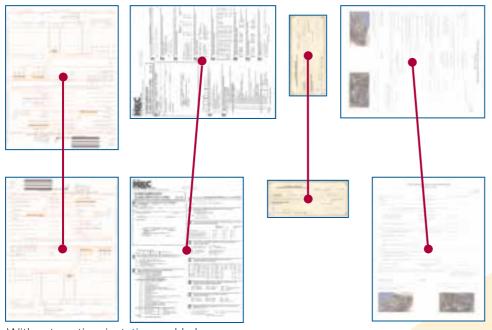
## New trainable color capability enhances forms dropout performance.

Selected **Kodak** Scanners can now be set to discriminate a wider range of colors, color hues that are closer together, and up to three colors on a single form. A batch can also be comprised of a mix of forms, each printed with up to three different colors. These expanded color dropout capabilities can enhance read rates and forms design flexibility.



# New automatic orientation feature delivers right-reading output from any input orientation.

Without automatic orientation



As shown here, automatic orientation goes beyond fixed rotation to "fix" images within a batch. Perfect Page technology "looks" at printed text and automatically orients the front and back images as needed to make them right-reading. Automatic orientation even works on a duplex document that has portrait content on one side and landscape content or upside-down text on the other side. Because document preparation is less critical with automatic orientation, you save time and labor. Plus uniform output helps OCR engines operate at top speed.

With automatic orientation enabled

# There's a Kodak Scanner that's right for you.

The full series of Kodak Scanners offers a wide range of duty cycles and speeds. You can easily match scanners to applications and work environments and quickly scale up operations when necessary. And you'll maintain the benefits of Kodak's Perfect Page technology across your entire scanning platform. Combined with Kodak's SurePath paper handling and Kodak Service & Support, Kodak Scanners are the perfect way to get consistent image quality, ease of use and a great return on investment.

To learn which Perfect Page image processing features are in specific models of Kodak Scanners, visit www.kodak.com/go/perfectpage.



### Advanced processing capabilities make scanning easier than ever.

The Perfect Page capabilities designed into Kodak Scanners put a virtual scanning expert to work for you. Operators can be more productive because they spend less time on presorting, editing, and rescanning documents.

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### Innovation you can count on™

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