

“With VRS
you can just
dump in a
mixed batch of
documents and
it automatically
straightens and
crops everything.
It saves us lots
of time.”

– Shirley Schneider,
Amplicon



You have purchased a scanner because capturing the information from paper documents and forms is an important part of your overall information management strategy. Now how do you maximize your scanning productivity? VirtualReScan[®] is the answer. Patented VRS technology from Kofax[®] ensures that your scanning is as efficient and easy as possible, while also improving both the quality of the scanned images and the automated capture of information from your paper documents and forms. The result is lower scanning costs, lower data entry costs, and faster access to your information.

VRS: The Power of Productivity



Perfect scans the first time, every time.

You handle a wide variety of documents and forms. Some are on colored paper, some are unusual sizes, some are hard-to-read carbon copies and some are photocopies of photocopies.

If you feed a stack of these documents into a standard scanner, some of the images will be too dark, too light, crooked or otherwise illegible. These images are unacceptable for compliant archives and almost useless for automated business processing. That means you need data entry operators to manually key in and correct the poor results, or you need to rescan the documents to get better images, or both.

You can improve your chances of getting good images by carefully preparing your documents before scanning. That means manually separating color documents from black and white, organizing them by size and condition, removing blank pages and rotating pages so they are all oriented in the same direction. Then you manually adjust the scanner settings for each type of document, scan them and then rescan them – possibly multiple times – until you get each one right. If you get it right.

Is this any way to automate a business process? Shouldn't scanning be as easy as pushing the Scan button?

It is with VirtualReScan, the ultimate scanning productivity tool. Patented VRS technology from Kofax makes scanning as automated, efficient and easy as possible, while dramatically improving image quality.

Reduced Document Preparation

VRS starts by driving down the need for manual document preparation. If you put a document into the scanner backwards or sideways, VRS can automatically rotate the image right-side-up. If a smaller document is fed crooked into the scanner, VRS can automatically straighten the image. If a stack of documents includes a blank page, VRS can automatically delete the blank page. Just pile the pages into your scanner, and let VRS handle the prep for you.

Intelligent Color Handling

VRS uses your own business rules to make intelligent decisions about color documents, so you don't have to separate them from black and white

documents before scanning. You can set VRS to retain a color image when it detects an important color highlight or logo, while converting other documents to black and white. And VRS can convert scanned color backgrounds to a single solid color, reducing the file size for the color image.

Improved Image Quality and Information Capture

Beyond just reducing document preparation, VRS automatically examines every image from your scanner and adjusts it for the best image quality possible. No more struggling with scanner settings. No more costly and time-consuming rescanning of difficult documents. Scanning really does become as easy as pushing the Scan button.

VRS makes every step of your information capture system work better and faster. In fact, a Doculabs study found that the high-quality images produced by VRS improve OCR accuracy by nearly 35% - dramatically reducing the need for costly manual data entry and correction.

And by making high-quality scanning so easy, VRS helps you reduce costs even more by enabling distributed information capture without dedicated scanner operators. By capturing documents at the source, you save the costs and delays associated with shipping documents to a central scanning facility.

For more information on VRS and to read the Doculabs study for yourself, visit www.kofax.com/vrs or call (949) 727-1733

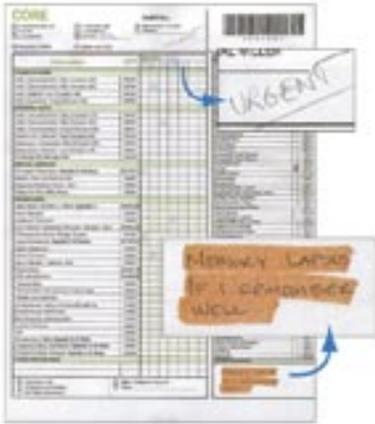
“VRS has significantly improved the quality of the scanned images, often better than the original. Without these technologies, our productivity would be cut in half.”

– Martin Wong, City of Calgary.

“VRS made our distributed scanning operation possible because it produces the clearest possible images without our users knowing anything about document imaging.”

– Todd Hollenbeck, FedEx

When you scan a document or form — whether for archival storage or to automatically extract information to drive a business process — you need a clean, straight, readable image that takes up as little disk space as possible. All text and marks should be easily legible in the scanned image, whether the original is machine-printed or written by hand.



Color Scanning Without VRS: Scanning this form in color reveals most of the information, but the low-contrast pencil text is hard to read, as is the highlighted text. The file size is 448 Kbytes, which adds up quickly if you store many images in color.



Conventional Scanning Without VRS: Scanning the same form in black-and-white (bitonal) makes the pencil text easier to read and reduces the file size to 88 Kbytes. But the highlighted text is completely lost, and the shaded boxes become shades of gray, which would confuse a system that is looking for the check marks.



VRS Scanning: VRS easily handles both the light and dark text in this document. It suppresses the shading for easier recognition of the check marks, and makes the highlighted text clearly visible. This image is as clear as it can be for the automated capture of information, and the file size has been reduced to an optimal 65 Kbytes.

The Benefits are Clear



PERFECT IMAGES

Scanning is only half the battle – the most important part about capturing images is your ability to find and retrieve and use them later. The superior quality of VRS-created images means documents are easier to index and easier to read.



NETWORK-FRIENDLY IMAGES

Noisy backgrounds and shaded areas are suppressed, resulting in ultra-compact image files ideal for display and rapid retrieval over your network.



EASY TO USE

Scanning remains simple and easy with VRS. No special knowledge of scanning, special filters, or image enhancement is required. Operators just press the scan button and VRS does the rest.



IMPROVED RECOGNITION

Since VRS automatically straightens and cleans each scanned image, the accuracy of your optical character recognition and handwriting recognition software increases dramatically.



NO MORE RESCANNING

One of the most time-consuming tasks in scanning is actually rescanning putting documents back through the scanner and adjusting scanner settings until an acceptable image is obtained. VRS performs all enhancements in real time – no more rescanning.



CAPTURE COLOR ON DEMAND

Scan mixed batches of black and white and color documents. VRS automatically detects which should be black and white and which should stay color. Easily capture spot color as well.



REDUCE DOCUMENT PREPARATION

No need to rotate pages to the correct orientation. VRS will do it for you automatically. Additionally, VRS reduces preparation by automatically deleting blank pages, adjusting for white objects on white backgrounds and eliminating the need to separate color and black and white documents. This all means less document preparation for your scan operator.



VRS produces high-quality images for even the toughest scanned documents.



“We needed clear readability of handwritten data, the ability to scan multiple sizes and colors in a single batch, to remove extraneous lines, shading or other data, and seamless integration with our capture system. VRS met all of those requirements.”

– Roger Lurie,
Arizona State University

Kofax: Pioneer, Innovator, Leader

Since our founding in 1985, Kofax has been the leading innovator in the conversion of documents and data into reusable electronic business information. Today, Kofax is the clear market leader and de facto standard in capture application software, device connectivity and image processing. No other company has the same global reach, depth of experience, or breadth of technology devoted to capturing business information.



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