

“With VRS
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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

Your organization handles an incredible number of paper documents and forms every day. A fast scanner is important for keeping up with this deluge, but it is only part of the answer, because you also 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 simply fed a stack of these mixed documents into a standard document scanner, some of the images would be too dark, too light, crooked, or otherwise illegible. These images are unacceptable for storage and produce poor results during OCR and other automatic processing, which means you need data entry operators to correct the bad results.

You could sort your documents ahead of time by size, color, and so on. But even then, it is difficult to get a crisp image from a challenging document without scanning it over and over until you get it right. If you get it right.

That's where VirtualReScan comes in. VRS is the ultimate scanning productivity tool because it not only makes scanning easier but also reduces the cost of information capture.

VRS automatically examines and improves every image from your scanner.

With VRS, you can scan that stack of mixed documents and be assured that each one will be automatically converted into the best quality image possible. No more difficult and costly rescanning, and no more time-consuming presorting. Scanning becomes as easy as pushing the Scan button.

And 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% – which dramatically reduces the need for costly manual data entry and correction.

By making high-quality scanning so easy, VRS also 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 ext. 5

“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

me, every time.

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.



IMPROVED RECOGNITION

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



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.



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.



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.



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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