

**Visioneer OneTouch® with Kofax® VRS® Technology**  
A White Paper

March, 2009



“There is nothing more powerful than an idea whose time has come.” It’s not often that Victor Hugo gets quoted in the world of document imaging. So you should already be expecting something spectacular. Two technologies that have shaped and influenced the art and practice of making document scanners easy to use and dramatically enhanced image quality have come together.

In 1998, Visioneer changed the way that users interacted with their scanners. Previously there were multiple steps to scan a document or photo. Launching software, setting resolution, paper size, prescan, color depth, cropping, saving, etc. And the average user who was not skilled in scanner or imaging technology had no idea how or why to make these choices. So any scanning task took up to 14 steps and some techno-savvy. Enter **Visioneer OneTouch**. Visioneer created buttons on scanners that let the user scan with one touch to already configured settings for different applications: scan a photo, scan to email, scan to the printer (copying), etc. Before you knew it, everyone starting putting buttons on scanners. Why? Because ease of use was more important than any other feature including price. The steak is more important than the sizzle.



1998 Visioneer OneTouch Ad

At the other end of the user spectrum was Kofax. In the high speed production market where scanners eat paper for a living, there was trouble in scanned document image quality. Document quality differed, sometimes dramatically. There were of course clean laser quality documents, but also faded copies, unclear faxes, colored multipart forms, highlighted text, etc. And at one scanner setting, some pages scanned fine and others were illegible. At speeds greater than 100 pages per minute, there was no time to go back and adjust settings for imperfect originals and then return the fixed scan to the digital stack. So Kofax developed **Virtual ReScan or VRS**. VRS intelligently makes



custom adjustments to each scanned page in a stack of mixed quality documents so that every page is adjusted to a crisp and clean image without impacting the speed of the job. This not only improved image quality for the human eye, but the computer's eye as well since OCR accuracy dramatically increased with improved image quality.

**Worlds collide. Technologies converge.** These two technologies found themselves in the hands of business users mid-market. Users found them both indispensable, but were faced with a hard choice. Scan with OneTouch or Scan using VRS, but not both. Why not scan with VRS at the touch of a single button? The time had come, the powerful idea was at hand.



A joint development project, **Visioneer® OneTouch® with Kofax® VRS® Technology** is an integrated software solution that combines the ease of Visioneer OneTouch® scanning, with the superior image quality achieved with Kofax VRS® (Virtual ReScan®) technology that results in scanned images that are of the best quality possible in one simple step.

“The tight coupling of Kofax VRS technology with Visioneer OneTouch is a major breakthrough in the information capture and scanning markets because it will enable users of Visioneer and Xerox DocuMate scanners to automatically improve the quality of every image they scan.”

*Rob Klatell, chief executive officer of Kofax's parent company, DICOM Group*

“Visioneer’s and Kofax’ commitments to bring simplicity and accuracy to the scanning experience are proven again through the integration of **OneTouch with Kofax VRS Technology**. The combination of these technologies makes high quality scanning both easy and fool-proof, providing a compelling argument for any end user.”

*Susan Moyse, president of Moyse Technology Consulting*

“Increased productivity and compliance requirements are responsible for the growth in scanning at the workgroup and department levels. **OneTouch with VRS Technology** accelerates scanning adoption at all levels. The technology adapts to the end user’s workflow without the requirement that the end user become a scanning expert. The best of both worlds converge.”

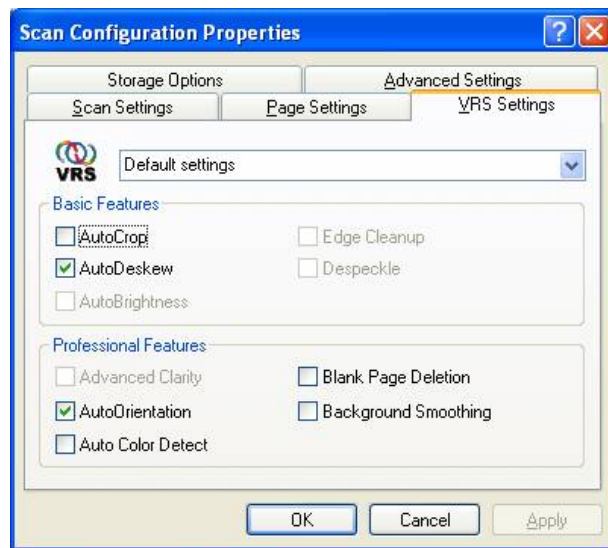
*John Capurso, Vice President of Marketing at Visioneer*

Visioneer & Kofax have collaborated to integrate VRS into the OneTouch paradigm. Now pushing a single button on a Visioneer or Xerox scanner that exclusively uses

OneTouch will also enable VRS image enhancement in the scanning process. Here's a view of the VRS settings available in OneTouch:

**Major Benefits:**

- OneTouch Ease of Use, save multiple steps
- VRS Image Enhancement, saved time, improved image quality and OCR accuracy.
- All OT Links benefit from VRS image enhancement
- All OT Links yet-to-be developed through the OneTouch Links SDK benefit as well
- No ISV or end-user integration necessary
- Broad implementation across all scanner segments



Since VRS is an in-line function of the OneTouch scanning process, a plug-in component, all OneTouch scanning links such as scan to eMail, to Xerox DocuShare®, to Ascent® Capture, can benefit from VRS image perfection technology. When combined with the Visioneer OneTouch Links SDK, recently announced, even yet-to-be developed OneTouch links will use this VRS integration.



Lastly, this implementation of Visioneer OneTouch with VRS Technology supports the most current VRS Basic functionality. Users who require VRS Professional features can upgrade their **Visioneer OneTouch with VRS Technology** software to VRS Professional.

Kofax's VRS Professional software further enables business processes by automatically rotating documents without preparation and intelligently deleting blank pages. VRS Professional improves the color scanning efficiency by detecting color automatically and optimizing color images for smaller file sizes

For more information about Visioneer and Kofax VRS, go to [www.visioneer.com/vrs](http://www.visioneer.com/vrs)



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