

## Comparison: Kodak Capture software vs. Kodak Capture Pro software

| Feature  | What is the Customer Benefit  | How it compares to current Capture Software                                    | Degree of Importance |
|--|---|--|----------------------|
| <b>Document / Batch Separation</b>                                   |   |  |                      |
| Auto Document Separation based on Barcode                            | Very reliable way to automatically separate documents / batches and capture index information at the same time  | <b>Enhanced; zones can now be defined for front an back separately</b>         | Medium               |
| Auto Document Separation based on Patch Code                         | Very reliable way to automatically separate documents / batches and capture index information at the same time  | Similar ; easier to set up   |                      |
| Auto Document Separation based on Blank Page                         | Cost-effective way to automatically separate documents / batches that is easy to implement  | <b>Enhanced; now also based on page content</b>                                | Medium               |
| Auto Document Separation based on OCR Zone                           | Versatile way to automatically separate documents / batches and capture index information at the same time  | <b>NEW; ability to define a mask for OCR zone</b>                              | High                 |
| Auto Document Separation based on # of pages                         | Reliable way to automatically separate documents / batches for applications with fixed amount of content per document / batch   | Similar ; easier to set up   |                      |
| Auto Document Separation based on Change of Barcode Value            | Versatile way to automatically separate documents / batches and capture index information at the same time  | <b>NEW; based on change of barcode value</b>                                   | Medium               |
| Auto Document Separation based on Scanner Image Address Level Change | Very reliable way to automatically separate documents / batches in combination with image addressing  | Similar; easier to set up  |                      |
| <b>Page Orientation Correction</b>                                   |   |  |                      |
| Auto Image Rotation (90 degree increments)                           | Effective way to improve throughput, mostly for scanning portrait documents in landscape orientation  | <b>Enhanced; see Advanced Image processing - Output</b>                        | Low                  |
| Auto Rotation based on Barcode / Patch Code                          | Very reliable way to automatically adjust image orientation   | Similar ; easier to set up   |                      |
| Auto Page Rotation using Calendar Mode                               | Semi-intelligent way to correctly rotate images for applications that have documents where front and back are oriented as a calendar  | <b>Enhanced: Calendar Mode is now supported for Color and Grayscale Images</b> | Low                  |
| Manual Rotation(90 degree increments)                                | Efficiently rotate images with maximum control over end result  | Similar  |                      |
| <b>Capturing</b>   |   |  |                      |
| Manual Rescan Selected Images  | Convenient method of rescanning only selected images without having to rescan an entire document  | Similar  |                      |
| Create attachment  | Allows temporary override of automated separation and zone reading; ideal when a page needs to be added to the current document when it would normally trigger separation and automated indexing    | Similar  |                      |
| Flexible Batch Naming  | Ability to name a batch based on default values - gives more flexibility to use e.g. date values  | <b>Enhanced: system default values can now be used for naming</b>              | Low                  |
| Continuous Flatbed Scanning  | Very efficient way of scanning pages from books, magazines and bound materials; automatically separates pages to improve productivity   | Similar  |                      |
| Stop Scanner on invalid index field value                            | Provides immediate feedback to scanner operator; ensures data integrity at the earliest possible moment   | Similar  |                      |
| Import of images (inserting images into documents)                   | Allows to complete a document with images that were not / cannot be captured at the scanning workstation, e.g. large format drawings, digital pictures or documents scanned with a different device | <b>NEW</b>   | High                 |

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| <b>Viewing</b>   |  |   |                      |
| Image Zooming  | View details of scanned images   | Similar   |                      |
| Image Scrolling (Panning)                                      | View details of scanned images   | Similar   |                      |
| Selective Image Display (Filters)                              | Allows operator to focus on key images; avoids image display clutter; may improve throughput; especially useful in deal stream applications; allows easy way to select only front or back images or only black & white or color images | <b>NEW</b>  | <b>High</b>          |
| Fix All Images in Same position                                | Allows operator to focus on a specific region for all images; efficient way to isolate important image data while scanning or reviewing  | Similar   |                      |
| <b>Post Processing</b>   |  |   |                      |
| Image Printing   | Selectively print images from main window; gives very good preview of images before printing (compared to copying)   | Similar   |                      |
| Image Copy (Full Image)  | Allows image data to be used in other Windows applications   | Similar   |                      |
| Image Copy (Area)  | Select a region of the image to be copied to clipboard only; isolates important information; safe way to only copy what is necessary   | Similar   |                      |
| Manual Insert Images   | Convenient method of inserting images without having to rescan an entire document or move pages  | Similar   |                      |
| Manual Move Selected Images                                    | Convenient way to re-order pages within a document   | <b>Enhanced ; much easier to "navigate" when moving, using tree view; also offers ability to move an entire document</b>  | <b>Medium</b>        |
| Manual Delete Selected Images                                  | Ensure that only relevant images will be output  | Similar   |                      |
| Manual Delete Pages End of Document                            | Ensure that only relevant images will be output  | Similar   |                      |
| Manual Cropping  | Control what part of the image gets stored; Keep only relevant parts of images; ideal for capturing articles from magazines  | <b>Enhanced ; can now copy selected region to multiple image windows to avoid repetitive actions</b>  | <b>Medium</b>        |
| Manual Blanking  | Hide information that is not relevant or confidential; ideal for scan-to-print or scan-to-email when image data is distributed   | <b>Enhanced ; can now copy selected region to multiple image windows to avoid repetitive actions</b>  | <b>Medium</b>        |
| Manual Rotation of Document (All Pages)                        | Productive way to adjust orientation for an entire document  | <b>Enhanced ; can now select even an entire document or batch to rotate images simultaneously</b>   | <b>High</b>          |
| Post Scan Image Processing - Apply to All Pages/Document/Batch | Productive and convenient way to apply action to multiple pages or documents or an entire batch  | <b>NEW - Available for Rotate, Delete, Save as PDF, and Print in Version 1.0</b>  | <b>High</b>          |
| Insert Document toolbar function                               | Maintain full control over document sequence   | <b>NEW</b>  | <b>Medium</b>        |
| Split Document   | Maintain document integrity; keep all pages of a document together; ability to easily separate a document into two documents   | <b>Enhanced ; easier to navigate to point where split needs to be applied</b>   | <b>Low</b>           |
| Merge Document   | Maintain document integrity; keep all pages of a document together; ability to easily merge two document into one  | <b>NEW</b>  | <b>Medium</b>        |
| <b>Image Processing</b>  |  |   |                      |
| Auto Image Split based on Image Size                           | Separate (long) documents into multiple images to retain page sections as individual objects; improves navigation in retrieval application   | <b>Enhanced ; now supported for Color and Grayscale images. In addition, split can be configured to split each side into 2 to 6 images and the image order is configurable.</b> | <b>High</b>          |
| Auto Image Merge based on Image Size                           | Keep front and back together in a single image; reduces number of images; improves retrieval   | <b>Enhanced ; now supported for Color and Grayscale images</b>  | <b>Medium</b>        |

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| <b>Indexing</b>   |   |  |                      |
| Barcode Recognition   | Very reliable automated data capture; supports all leading barcode types including 2-D for large amounts of data  | <b>Enhanced ; support for Datamatrix (2-D barcode) and some other types</b>                          | Medium               |
| Define zones per page side  | Allows to specifically define to search for a barcode on front or back image, instead of just on any side. Allows better data integrity and accommodates applications that have barcodes on both sides in the same location | <b>NEW; Capture Software only detects barcodes on a single side</b>                                  | Medium               |
| OCR (Zonal)   | Versatile automated data capture in over 100 languages  | <b>NEW; support for Asian languages and many other new languages (CS only supports 22 languages)</b> | High                 |
| MICR (add-on)   | Capture MICR from check images; ideal for archiving applications  | <b>Enhanced ; currently sold as add-on, will be included as standard</b>                             | Medium               |
| Ability to navigate to previous document                          | Allows user to go back to previous to perform additional indexing or to check previously entered data   | <b>NEW; CSW can only navigate in one direction while indexing</b>                                    | Medium               |
| Ability to navigate to any image within the document              | Allows user to capture data from any of the pages inside a document versus being limited to the first page only - ideal for applications where data may be on different pages   | <b>NEW</b>   | High                 |
| Number of Index Fields  | Significant increase in number of fields allows great flexibility to meet any indexing need   | <b>Enhanced ; Maximum 999 fields versus 10</b>   | High                 |
| Number of Characters per Index Field                              | Significant increase in number of characters allows great flexibility to meet any indexing need, especially for cases where 2-D barcodes such as PDF-417 are used   | <b>Enhanced; Virtually unlimited versus 100</b>  | High                 |
| Output Mask for all Data Types                                    | Allows flexible reformatting of captured index data to fit any custom format  | <b>NEW; CSW only offers output mask for date type fields</b>   | High                 |
| XML output for index files  | Allows easy information exchange between applications   | <b>NEW</b>   | High                 |
| Define enter key behavior for indexing                            | Makes indexing more productive and customizable by allowing user to define what action should be associated with enter key  | <b>NEW</b>   | Medium               |
| Reorganize Index Fields   | Provides ability to reorder and delete Index Fields without having to redefine them - saves time  | <b>NEW</b>   | Low                  |
| Custom Index Field Help   | Allows to provide custom help message for indexing operator, e.g. to explain required data format   | <b>NEW</b>   | High                 |
| Use Batch level Index Fields as part of Document Level Index data | Provides more flexibility to construct index data using Batch level Index data  | <b>NEW</b>   | Medium               |
| Set range of values for Index Field                               | Allows to check if data entered is in valid range of values - better auditing, reduces data entry errors  | <b>NEW</b>   | Medium               |
| Hidden Index Fields   | Ensures better data integrity for select fields; reduces complexity of indexing for operator; ideal for system values and defaults  | <b>NEW</b>   | Low                  |
| Read-Only Index Field   | Ensures better data integrity for select fields; for display of index data that does not require / allow editing  | <b>NEW</b>   | Low                  |
| Select value from drop-down list                                  | Ensures better data integrity / reduces keystrokes  | <b>NEW</b>   | High                 |
| Character substitution  | Ensures better data integrity; simplifies data entry; improves OCR read results by allowing to substitute false positives   | Similar  |                      |
| <b>Image File Format</b>  |   |  |                      |
| TIFF  | Standard image file format  | Similar  |                      |
| JPEG  | Standard image file format  | Similar  |                      |
| JPEG2000  | Standard image file format  | Similar  |                      |
| Multi-Page TIFF   | Standard image file format  | Similar  |                      |
| PDF Image   | Standard image file format  | Similar  |                      |
| PDF/A   | Support for archival PDF format   | <b>NEW</b>   | High                 |
| Super-compressed PDF (PDF/MRC)                                    | Smaller file size; less network traffic; reduces storage capacity; lowers barrier for color scanning  | <b>NEW</b>   | Low                  |
| Searchable PDF  | Ideal format for retrieving documents with searchable content   | <b>NEW ; Unlimited Searchable PDF creation; Asian languages included</b>                             | High                 |
| Uncompressed image support  | Maximum flexibility for 3rd-party image processing; "unedited" images   | <b>NEW</b>   | Low                  |

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| <b>Efficiency / Productivity</b>                          |  |   |                      |
| Flag images   | Ideal tool for post-scan editing and quality assurance: this allows making "sticky" selection, i.e. select relevant images without having to worry that selection can be lost with a wrong mouse-click. Makes post-scan editing much more productive for repetitive tasks. | <b>NEW</b>  | High                 |
| Auto Delete Blank Images using byte size                  | Efficiently removed unwanted blanks; ideal for applications with occasional data on rear and for "known" document types  | <b>Enhanced; can now remove black &amp; white or color / grayscale images independently</b>   | Medium               |
| Auto Delete Blank Images using content                    | More reliable for color images; independent of resolution; better control over image deletion  | <b>NEW</b>  | High                 |
| Manual Delete All Blank Images (Remove Blank Images Tool) | Maximum control over blank image removal; ability to review before deletion; reduces risk of data loss   | <b>Enhanced; better visibility of images selected for removal. NEW is ability to define separate thresholds for black &amp; white and color</b> | Medium               |
| Bypass auditing when navigating                           | Greatly improves productivity by temporarily bypassing auditing when using the software for quality assurance or browsing batches. This prevents the user from being forced to correct indexing audit errors immediately while navigating                                  | <b>NEW</b>  | High                 |
| Background Batch Processing                               | Significant time saver by processing batch while continuing scanning; increases throughput; reduces wait time  | <b>NEW</b>  | High                 |
| Auto Batch Processing                                     | Productivity gain; better control over output process; takes processing burden away from scanning workstations   | <b>NEW; eliminates the need to manually start output processing</b>   | High                 |
| Batch Status Monitoring                                   | Allows potential bottlenecks in capture process to be identified more quickly; Gives overview of available batches; allows to identify who works on a batch  | <b>NEW</b>  | High                 |
| <b>Security / Integrity</b>                               |  |   |                      |
| User Profiles   | Allows users to focus on relevant functions and tasks; helps to improve data integrity; job access security  | <b>Enhanced</b>   | Low                  |
| Keep Batch after Output                                   | Adds more security by providing a backup of the batch even after processing, so that it can be reprocessed when needed   | <b>NEW</b>  | Medium               |
| Index auditing before Output processing                   | Prevents batches from being processed when indexing is incomplete or index data is incorrect   | <b>NEW; only available in some versions of CSW (not for i800 etc.)</b>  | High                 |
| Digital Signatures  | Gives ability to detect whether images have been altered or not after capture process; No charge for higher level of image integrity   | <b>Enhanced ; enabled by default and can thus be used in all output systems using TIFF</b>  | Medium               |

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| <b>Miscellaneous</b>   |  |   |                      |
| API Support            | Allows customization of capture solution; automate manual steps, e.g. logon, start and stop scanning; makes SW attractive for integrators adding value | Enhanced  | High                 |
| Support Scanner Button | Allows users to scan into a predefined job by just pushing the scanner button (select models); time-saving shortcut; makes scanning easier             | NEW - Job Shortcuts are also available from the System Tray for ANY Kodak Scanner | High                 |
| Collect Statistics     | Allows to monitor performance; Supports activity-based cost accounting for e.g. service bureaus; improves system monitoring                            | Enhanced  | Medium               |
| Find and View          | Versatile and easy-to-use retrieval application offers a simple but complete, off-the-shelf capture-and-retrieve system                                | Enhanced ; supports more index fields   | Medium               |
| Undo                   | Corrects last action; provides safety net for certain actions  | Enhanced  | Medium               |
| Unlimited scans        | Excellent ROI for production capture; No worries about reaching limits; Known upfront cost   | Similar   |                      |

|   |   |   |        |
|---|---|---|--------|
| <b>Installation / Job Setup</b>             |   |   |        |
| Job Shortcuts                               | Reduces admin learning curve; faster to create jobs (applications); makes product a better fit for Ad hoc / document-centric capture    | NEW   | High   |
| Job Setup                                   | Allows users to create and customize their job setup  | NEW; much improved over Capture Software - allows much more flexibility without requiring programming | High   |
| Import/Export Jobs                          | Port jobs from one system to another; allows for better troubleshooting (Service)   | NEW   | Medium |
| <b>User Interface</b>                       |   |   |        |
| Online Help                                 | Help information available for every function; increases productivity; shortens learning curve  | NEW   | High   |
| Floating toolbars and windows               | Allows full control over customizing workspace; optimize layout for each capture job  | NEW   | Medium |
| Batch/Document/Page Explorer                | Gives complete overview of batch content; allows for easy and more efficient post-scan editing actions; easier navigation               | NEW   | High   |
| Thumbnail view per Batch/Document/Page      | Easy navigation; more complete overview of what has been captured   | NEW   | High   |
| Ability to save views at the user/job level | Customized views give operators full control over workspace; built-in layouts provided to easily restore layout; choice between layouts | Enhanced  | Medium |

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| <b>Output</b>  |   |  |                      |
| Save as PDF  | Selectively save images as a PDF file without producing output for entire batch; ideal for ad-hoc use   | <b>NEW</b>   | <b>Medium</b>        |
| Scan-to-email  | Have full editing and indexing capabilities to create e-mail scans; improves efficiency; ensures quality control when sending images by e-mail  | Similar  |                      |
| Scan-to-file   | Full control over how images get output (also see file format support)  | <b>Enhanced; much more flexibility and options</b>                                       | <b>Medium</b>        |
| Scan-to-print  | Use software and scanner as copier with full post-scan editing features   | <b>NEW</b>   | <b>Low</b>           |
| More flexible output definition without need for any programming | Much more flexible output options with consistent availability of features for all output types   | <b>NEW; in CSW (advanced) features are often restricted to particular output formats</b> | <b>High</b>          |
| Automate downstream processing by invoking any other program     | Very flexible option to allow any type of additional actions without requiring programming inside the capture application by calling an external program at the very end of output processing   | <b>NEW; currently only available in one of the CSW output formats</b>                    | <b>Medium</b>        |
| Multi-page file output for entire batch                          | Allows to create a single output file per batch - more flexibility  | <b>NEW</b>   | <b>Medium</b>        |
| Image Stamping (Seq. #)  |   | <b>Enhanced ; now available to all output formats</b>                                    | <b>Low</b>           |
| Advanced Image Processing: color smoothing                       | Reduces file size; improves readability; does not impact scanning throughput; image files remain untouched until processing batch   | <b>NEW</b>   | <b>Medium</b>        |
| Advanced Image Processing: image edge fill                       | Customize image appearance; image files remain untouched until processing batch   | <b>NEW</b>   | <b>Medium</b>        |
| Advanced Image Processing :auto-delete                           | All scanned image files can remain in batch until processing;   | Similar ; easier to set up   |                      |
| Advanced Image Processing: auto-orientation                      | improves readability for downstream retrieval; does not impact scanning throughput; Most intelligent way to adjust image orientation  | <b>NEW</b>   | <b>Medium</b>        |
| Advanced Image Processing: auto-rotate                           | Effective way to improve throughput, mostly for scanning portrait documents in landscape orientation; image files remain untouched until processing batch                                       | Similar - easier to set up   |                      |
| Advanced Image Processing: split                                 | Separate (long) documents into multiple images to retain page sections as individual objects; improves navigation in retrieval application; image files remain untouched until processing batch | <b>Enhanced - many more options and easier to set up.</b>                                | <b>Medium</b>        |
| Advanced Image Processing: stitch                                | Recreate image that resembles original (long) document; improves retrieval  | Similar ; easier to set up   |                      |
| Flexible Output File Location                                    | No need for custom programming; ability to address more customer applications off-the-shelf; allows use of default values and user created index fields to create file folder names             | <b>Enhanced</b>  | <b>High</b>          |
| Index files  | Have great flexibility in creating index files to transfer important document / batch metadata to external systems;   | <b>Enhanced; easier to set up</b>  | <b>High</b>          |
| Name based on index value  | Makes file names more meaningful; allows for easier integration with backend system without requiring custom product change   | <b>Enhanced</b>  | <b>Medium</b>        |
| Output to Document Management / ECM systems                      | Connectivity with many leading systems  | Same   |                      |