

Competitive Comparison: Kodak Capture Pro Software v2.0 vs. Kofax Ascent Capture v7.5 / Capture v8.0 vs. EMC Captiva QuickScan Pro v4.6 vs. IRIS PowerScan Demo Version 8.1

NOTE: Every effort has been made to verify the features, performance, and pricing information shown on the following pages. As conditions change, however, Kodak can not accept responsibility for the validity of competitive data

	Kodak Capture Pro Software v2.0	Kofax Ascent Capture v7.5 / Capture v8.0	EMC/Captiva QuickScan Pro v4.6	IRIS PowerScan (Demo Version 8.1)
OVERVIEW OF OFFERINGS				
Positioning	Easy-to-use production enterprise capture application for centralized and departmental operations. Also offers a complete solution for small and mid-sized companies who require an easy way to capture images and data for storage and retrieval.	Complex, high-end enterprise-wide document capture application.	Basic desktop application offering minimal production capture capabilities.	Powerful, user-friendly production application with a multi-stream architecture for the scanning and the electronic capture of any kind of documents. It is a complete professional solution to scan, structure, sort, index and convert all documents into fully searchable text files.
Capture Workflow	Straightforward yet versatile workflow that contains tools to view/edit images and data, including Capture/Import tools, Automatic/Manual Indexing tools and several easy to define Batch Output options.	Customizable, comprehensive workflow options, but multi-step process can be cumbersome. Requires opening/closing of modules to move batch through the workflow.	Workflow contains Capture / Import - Automatic / Manual Indexing - Output	Basic workflow of scan or import, indexing (automatic or manual), output; more suitable for simple applications than complex, customized workflows. Integrates with other IRIS products for wider applications.
Ease of Use	Intuitive graphical user interface designed to make document capture as easy as possible. Job and keyboard shortcuts, and job setups are provided out of the box to facilitate scanning immediately upon installation.	Complex setup and operation often requires classroom or web training to learn and use the application.	Limited user interface with nested set-ups potentially introduce errors in other jobs. Complex job set-up process without training or documentation.	Easy to use. Simple menus, toolbars with tool tips, on-line help; user-adjustable GUI on main viewer.
Out-of-Box Experience	Easy installation allows for quick startup. Predefined job setups allow for immediate capture operation after installation without specialized training. Once installed, all functionality is available. Tutorials are provided to guide the user through the customization process and is available in many different languages.	IT support and/or services recommended for initial setup and configuration. No predefined job setups are provided and configuration out-of-box needs to be customized. Many add-on components might be necessary to achieve desired results.	Installation allows for quick startup. Predefined job setups allow for immediate capture operation after installation without specialized training. Once installed, all functionality is available.	Comes with 17 predefined templates with explanations of their differences displayed.
Installation Options	Easy and silent install via wizard. Installation option for either single- or multi-user to allow for larger scanning operations	Can be installed in either standalone or network mode. Additional modules can be purchased separately and installed to accommodate various functionality (eg, searchable PDF, two-dimensional bar codes). Kofax Capture also installs the MSDE database (included) out-of-the-box. The customer can upgrade to a full featured database at their licensing and expense.	Easy install via wizard.	Installation wizard is available to enable an easy install. Software must be registered before use.
Licensing Model	Capture Pro license model is tied to the rated throughput of the scanner model. Unlimited volume without additional charges (click charges). Easy license upgrades between scanner models. All-inclusive license requires no additional modules for features such as; 2D (PDF417) Bar Code support, creation of Searchable PDF + PDF/A + PDF/MRC, zonal OCR, drag-n-drop OCR, Advanced Text Output, MS Sharepoint Output.	Complex licensing model based on volume (click charge), number of workstations, and additional feature licensing. This means the customer must know ahead of time what their anticipated annual scanning volume will be, and plan accordingly. Other components to the Kofax licensing structure are number of workstations to be used concurrently. There are also additional licensing options that can be purchased such as one-time volume counts, PDF Image+Text (i.e. Searchable PDF), Enhanced Bar Code engine support (two-dimensional bar codes), as well as various custom modules.	Unlimited images. Pricing is based on scanner "level". EMC defines 4 levels based on throughput.	Pricing reflects a volume-based licensing model.
Scanner Support - Kodak Branded	Best in class and supports all scanner capabilities. Terminology fully aligned between scanner driver and software application. Supports Perfect Page™ with Kodak scanners, which is included with all Kodak scanners (no separate license or installation needed).	Supports all Kodak scanner models but does not enable all scanner capabilities.	Supports all Kodak scanner models and enables most of the scanners' capabilities using ISIS.	Supports all currently shipping Kodak scanners, in addition to several legacy scanners, including the DS 35xx series, DS 4500 and the 50/60/80 series.
Scanner Support - Non-Kodak Branded	Supports over 150 non-Kodak scanner models. For a full list of compatible scanners, customers can reference the following website: www.kodak.com/go/kcscannersupport/	Supports a wide range of capture devices but does not enable all scanner capabilities.	Supports a wide range of capture devices using ISIS drivers.	Supports multiple vendors' scanners via a generic TWAIN Driver, including: HP, Inotec, Canon, Avison, Panasonic, Epson, Fujitsu, Kofax VRS, Kodak, Canon, HP, Avison, Fujitsu and Epson.
Compatibility With CMS/ECM Systems	Supports dozens of system output options including Microsoft SharePoint, EMC Documentum and an FTP Connector. Kodak can also provide an API which allows for additional custom connectivity at no additional charge.	Supports broad set of CMS / ECM systems with additional modules that may require separate licensing or with custom output scripts that are not provided with the product out-of-box.	Supports modest set of CMS / ECM systems.	Produces multiple image file formats. Software will output to the format of various IRIS products.

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Ability To Customize & Integrate				
Ability to Customize the GUI	GUI layout and screen elements can be customized without any programming.	COM interface is available for custom ActiveX-OCX modifications to many of the modules. Modifications to the GUI will require developer assistance or professional services to build, maintain and support.	Does not appear to have customizable screen layouts.	Shortcut keys can be assigned, screen layouts can be named and saved
Ability to Customize	Several API's are available to accommodate customization needs that go beyond what can be done through job setup and user management. Offers very flexible setups which allow custom output location and file name. Screen layouts can be defined by job as well as by user, to define unique access rights to tools and screen elements.	Offers very high level of customization using programmatic methods. Training, development staff and professional services are needed for most installations and customizations.	Offers degree of customization through scanning configurations and the xporter configuration interface.	APIs are available for integrated indexing, processing, event handling and export in the most common programming languages (e.g., C++, .net or Visual Basic). Workspace layout offers some elements that can be customized.
Scalable - Expandable Architecture	Designed as a desktop application. Multiple stations can share setup files for distributed environment.	Client / Server architecture offers high degree of scalability. Kofax Capture has also added fault tolerant features for mission critical operations. Offers use of Microsoft Cluster Server environment and back-up license servers. Also offers remote scanning over an internet architecture known as Kofax Network Server (was ACIS in v7.5)	An add-on application package, "Application Xtender," is available (at an additional fee) to enable QuickScan Pro integration with any Documentum ApplicationXtender application through scanning configurations and the xporter configuration interface.	May be used as a desktop application, or setups may be shared among multiple users.
Product Support				
WW Integration Manager/Technical Manager support	Kodak offers support to certified resellers through regional resources. In addition, Kodak has a worldwide team offering additional support for back end integration and API development activities.	Regional Kofax Technical field personnel provide pre-sales support and work directly for Kofax. Only direct customers (non channel) are allowed to call Kofax for support.	Yes - See Help Desk and Website Support Items Below	Simple software support is available online from resellers. A maintenance agreement is available for purchase when acquiring the software.
Help Desk/Tech Center Support	With the purchase of a CARE Kit/Software Support Assurance, the end user is provided software maintenance and upgrades in addition to the benefit of technical support by phone. Kodak also provides training and services for those needing extra help or starter kit services.	Customers must purchase a Software Upgrade Assurance plan, however, first level support is available through Certified Resellers. Only Certified Kofax resellers are allowed to call Kofax for support. The Kofax certification stays with the individual, not the reseller company. Direct customers (non-channel) are allowed to call Kofax for support.	Offers three levels of support. "Premium Support" includes 24x7 Support, Same Day On-Site Support and Four Hour Parts Delivery. Also offers "Enhanced Support" which includes 24x7 Support, Next Day On-Site Support and Parts Delivery. "Basic Support" includes Normal Business Hours and Next Day Parts Delivery.	Offers email support only. No phone support is provided.

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FEATURES				
Intuitive Operation				
Page Setup	Page Setups are defined from within Capture Pro and are easily tied to scanning jobs and can be easily changed on the fly during batch processing; the purpose of Page Setups is to allow the operator to take full advantage of the offerings of the scanner such as color, DPI, dual stream scanning, splitting or merging images plus many more.	Scanning sources are defined in a separate area outside of Kofax Capture and referenced from within the product; Kofax does not support dual stream scanning.	Integrated into Job Profile setup, making the profiles less accessible to be reused in additional jobs. "Nested" organization aligns settings with one job.	Page setups are defined for the selected scanner's capabilities through its TWAIN interface. Page setups are associated with projects. The association is flexible and can be changed as needed.
Single Touch Operation / Programmable "Hot Keys"	Shortcuts can be defined (and even assigned to a button when available on a given scanner). Allows fully automated batch creation, capture and output creation with a single click or button push. "Hot Keys" are available for most features of Capture Pro via keyboard shortcuts, including the "start scanning" and "new document" feature.	Kofax Capture does not support one-touch scanning. It does offer limited hotkeys which are built into the product. Some operations can be created using OCX controls and a program interface.	Does not offer one touch scanning or any programmable keys.	Shortcuts come predefined and can be customized as well.
Flexible Batch Naming	Batch names can be entered manually or a rule can be created (through GUI setup) to choose from 15 system values to mix & match to build a custom batch name.	Batch names cannot be changed from the default without custom programming (other than typing the name into the field each time a new batch is created). The default batch name for all batches is a date/time stamp.	Offers sequential numbering only. Manual override of starting number is required. A base filename can be entered, but no rules-based logic is incorporated.	Flexible Batch Naming is available via formula or manual setup.
Retrieval Application	Includes free self-contained Find and View application.	None included.	None included.	Not offered.
Searchable PDF	Includes unlimited creation of searchable PDF documents.	Requires the purchase of an extra license that is volume-based in order to create searchable PDF's.	Offers unlimited images. Pricing is based on scanner "level." EMC defines 4 levels.	Unlimited
Index File Options	Very comprehensive and easy to define using GUI setup. User can create text delimited or XML output.	Out-of-the-box offering provides text delimited. Any customization or changes will require fee-based development resources.	Less flexible than Kodak Capture Pro (which makes it easier to define OCR & barcode zones and define substitution characters).	Very comprehensive and flexible. Includes ODBC lookup.
Drop-Down List	User configurable drop-down lists are available.	User configurable drop-down lists are available.	User configurable drop-down lists are available.	User configurable drop-down lists are available.
Data Re-Formatting	Extensive data reformatting capabilities offer total control over data input as well as data output.	Offers data reformatting via Softbridge Basic Language (SBL) which is a proprietary scripting language used by Kofax.	Does not offer data reformatting.	Offers data reformatting.
Character Substitution	Character substitution is offered to automatically replace characters in index field. This option may be used to automatically scrub unwanted characters after OCR, or to correct common mistakes.	Offers character substitution via Softbridge Basic Language (SBL) which is a proprietary scripting language used by Kofax.	Offers Character Substitution for OCR.	Offers Character Substitution for OCR.
Database Look-Up	Database lookup for ODBC-compliant data sources. Set-up wizard makes it easy to configure.	Offers Database Lookup feature.	Does not offer Database Lookup feature.	Offers a Database Lookup feature.

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Self-Help Options				
End-User Tutorial	Very comprehensive interactive, multimedia tutorials provide in-depth information about product features and workflow. Tutorials are fully translated into several languages, including voice-over.	Hard copy learning guide is accompanied by electronic sample document files.	No tutorials are available.	No tutorials are available.
On-Line Help	Comprehensive on-line help available in many languages.	Comprehensive on-line help available in many languages.	Comprehensive on-line help available in many languages	Comprehensive on-line help available in many languages.
User's Guide	Printable User's Guide available (pdf, English only currently); printable Getting Started Guide available in multiple languages.	User's Guide available.	User's Guide and Getting Started Guide available.	Quick Start Guide available.
Image Viewing				
Batch Explorer View	Yes	Yes	No	Yes
Default Screen Layouts	Classic and Enhanced screen layout can be tied to a particular Job and User. Screen layout can be easily taken back to a default mode of classic or enhanced with three simple clicks.	Once screens are repositioned, returning to a default state is confusing and frustrating. Screen layouts are not tied to batch classes.	Basic and Advanced forms. Once the windows are repositioned, returning to a default state is confusing and frustrating.	Advanced, scanning, indexing, and basic screen layout usable by all users. Users can create and save their own layouts.
Customizable Screens	All screens/views can be modified and saved per job type. Panels can be docked/undocked or locked into a certain area of the screen. There are also informational flyover windows for index, batch, document, page and image statistics.	Panels can be sized, relocated and docked.	Panels can be resized, relocated, and docked.	Screens can be sized, displayed/hidden, and docked.
Multi-Image Viewer (Including Thumbnails)	1,2,4,8-up or custom number of rows and columns. Thumbnail viewer with customizable thumbnail size. In addition, Image display filters can be applied to selectively hide/display front and back images, black&white, greyscale and color images.	1, 2 or 3 images can be viewed in the Scan Module. Thumbnails and a batch content tree-view is also available.	1-up image viewer with the option to display thumbnail and 'image properties' viewers as well as a pan window. The thumbnail viewer offers limited batch explorer functionality and can be specified as having small, medium, or large thumbnail images.	1,2,4,8-up or custom number of rows/columns. A thumbnail viewer is also available. Image display filters can be setup to display only certain images.

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Productivity Features				
Batch Manager	All batch items are shown on the main batch manager screen, such as: job name, batch name, submit time, status, user name, progress, and description. Available jobs and batch status can be filtered to only show what is necessary.	User can create, delete, monitor all batches, and change batch routing between queues. User can right click on a batch entry to get more batch properties: start date & time, end date & time, queue, status, errors, and station ID.	Batch management includes name, path, profile, number of documents, number of pages, index started, index completed, and export status.	PowerScan does not offer a Batch Manager screen that lists all batches and their status in the system for each job/application (known as "Projects" in PowerScan). Software alternatively provides a listing of all Projects that have been set up, including an entire suite of 20 pre-defined Template Projects for use by the customer to create custom Projects for scanning, indexing and output. When a Project is selected, the number of batches for that Project is displayed, along with an "About" section that contains all of the settings for the Project (bar codes, scanner settings, output info, etc.).
Auto Batch Output	Batches can be processed immediately and automatically, or held for manual output.	The Release Module is a separate module that handles batch output.	Batches can be processed automatically.	PowerScan offers manual or automatic processing.
Background Batch Processing	Previous batch(es) can be output while operator continues capturing into a new batch (all on a single station). Capture Pro is built using multi-threading technology to maximize throughput and not degrade user operations.	Batch processing in the background is done by using the separate Release Module.	There is no background batch processing.	Operator must wait for the batch to process before creating a new batch.
Auto Indexing During Scanning	Auto indexing during scanning eliminates wait time for index processing. Index information can be displayed while scanning for immediate confirmation and quality assurance on-the-fly. The user selects "E" to enter Edit Index Mode in order to correct or enter any additional index data.	Kofax Capture can only perform barcode recognition during scanning. For OCR indexing to occur, the batch must leave the Scan Module and pass through the Recognition Module where OCR indexing is performed. The batch must move to the Validation Module for indexing, verification of OCR data or key-from-image. No index data is seen on-the-fly during scanning.	Indexing occurs after scanning or before closing a batch, not during scanning.	Indexing can be performed automatically during scanning.

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Productivity Features (continued)				
Single Touch Operation	Shortcut is assigned to button on a Kodak Scanner. Alternatively, user can right-click on an icon in the system tray to launch scanning of a specific job.	Kofax does not offer single touch operation. Unattended scanning can occur by using bar-coded cover sheets, but this requires the Scan Module.	QuickScan Pro does not offer one touch operation. However, any menu item can be mapped to a shortcut key.	IRIS PowerScan does not offer one touch operation.
Split Images	Capture Pro includes many options to split document into multiple image segments, reorder sequence and selectively delete segments. Ideal for large forms. Conditional split allows for scanning batches with mixed document sizes.	Kofax Capture does not offer this feature.	QuickScan Pro does not offer this feature.	Offers limited Split Image capabilities. User can not change output order, but can split content into just 2 or 3 images.
Merge Images	Conveniently combines front and back into a single image for downstream processes. Conditional merge allows for scanning batches with mixed document sizes.	Kofax Capture does not offer this feature.	QuickScan Pro does not offer this feature.	Offers Split and Merge documents capability, but user can not change merge order.
Split and Merge Documents	Offers Split and Merge Documents feature.	Offers Split and Merge Documents feature.	Does not offer this feature, but does offer the ability to split documents from thumbnail view, with no ability to merge documents.	Offers Split and Merge document features.
Book Scanning	Offers Book Scanning feature.	Kofax Capture does not offer this feature.	QuickScan Pro does not offer this feature.	Offers book scanning feature.
Importing Electronic Files	Image files can be imported into a document.	Image files can be imported into a document.	QuickScan Pro does not offer this feature.	Image files can be imported into a document.
Distributed Architecture	Standalone client. All clients can take advantage of multi-user settings on a secure network file share to spread usage across the capture environment.	Kofax Capture can be installed using a client-server method, allowing users to share information across the capture environment. At least one workstation license per location is required at an additional cost for each.	Only available as a standalone client.	IRIS PowerScan runs on a Standalone workstation. Users can share settings between workstations over the network.
User Activity Tracking	Capture Pro tracks information concerning usage at the batch, document, page and image object levels. This information can be exported at batch export time in either a text delimited or XML file. This file can then be imported into a report writer for the creation of statistical information.	Kofax Capture contains a user-tracking / statistical database that monitors the usage for a user and the batch information they are processing.	QuickScan Pro does not offer this feature.	IRIS PowerScan does not offer user activity tracking capabilities, but a user can create date and time for each image.

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Productivity Features (continued)				
Image Import	Images can be manually imported into a document.	Images can be imported into a document.	QuickScan Pro does not offer image import capabilities.	Image files can be imported into a document.
Automatic Blank Page Removal	Blank pages can be automatically removed either by byte size or content-based percentage. Settings can be configured to process blank images either during scanning and post scan and can also be distinguished between B&W and Color images.	Ascent Capture can remove blank pages automatically by size in the scanner profile.	QuickScan Pro provides byte size and content-based blank page removal during scanning and post scan for B&W images only.	PowerScan provides byte size and content-based blank page removal during scanning and post scan for B&W or color images.
Multiple Output Capabilities	User may output to multiple files, multiple systems, print, and/or email and FTP.	Multiple output destinations are allowed, no print or email or FTP out-of-the-box.	EMC does not support output to multiple locations. The software simply outputs the contents to a file, and the user can select from among several file formats. There is also an option to export index and image data (.csv or xml file) via an export profile editor.	User may output to multiple file types concurrently, and/or to several other IRIS products. Does not support output to print, email, FTP, or non-IRIS systems.
Post-Scan Editing	Capture Pro performs rotation, blanking, cropping, delete, rescan, flag and other options on single or multiple objects.	Automatic Image processing can be setup at the index field level. An extensive list of image processing capabilities are supported, including character smoothing, cleaning, preserve, thicken, thin, etc. User interactive editing is limited to image rotation.	QuickScan Pro will rotate and crop on a single image only.	PowerScan provides rotation, blanking, cropping, adjust images.
Image File Format Support	Capture Pro supports TIFF, JPEG, PDF, PDF/A and Searchable PDF. Where applicable, document images can be output as multi-page or single-page files.	Using the OCR Full Text Module formats include: RTF, CSV, HTML or Word. Searchable PDF files can be created when using the add-on license. Standard output file format options are JPG, TIFF, PCX, PDF and PDF/A.	Multiple image formats are supported	PowerScan supports TIFF, JPEG, PDF/A, Searchable PDF, PDF-iHQC.
Supports Dual Stream	Capture Pro supports dual stream and also allows separate output processing settings for each stream; able to invoke System Output by file type.	Neither Kofax Ascent or Kofax Capture can support dual stream scanning.	QuickScan Pro supports dual stream, however there is no option to separate the streams for further processing.	PowerScan supports dual stream, coined "MultiStream" by IRIS.
Data Validation (Referenced to ECM Data)	Capture Pro provides data validation through Data field definitions and API's.	Kofax Capture 8.0 offers separate validation and verification modules, at additional cost. Both can be customized through scripts.	QuickScan Pro provides data validation through validation rules.	PowerScan provides data validation through indexing setup and API.
Multi-Feed Handling	Multi-feed handling is standard with Capture Pro.	Multi-feed handling is supported through VRS and can be configured as Interactive for some scanners.	Multi-feed handling is standard with QuickScan Pro.	Multi-feed handling is available through the scanner interface.
VRS	Supports Virtual Rescan	Supports Virtual Rescan	Supports Virtual Rescan	Supports Virtual Rescan

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BarCode and OCR Capability				
MICR Recognition	Yes	Yes	No	Yes
Barcode Recognition	Eighteen (18), including 2-D barcodes.	Ten (10), 1-D standard, Five (5), 2-D at an additional cost.	Twenty-one (21) including 2-D barcodes.	Eighteen (18) including one (1) 2-D barcode.
Full Page OCR	Provides OCR through searchable PDF.	Offers a separate OCR Full Text module. Searchable PDF available at an additional cost.	Offers Full Page OCR capabilities.	Offers Full Page OCR capabilities.
Separate Full Page OCR Output	No	Yes	Yes	Yes
Configurable OCR Filenaming	Very flexible filenaming based on index data and system defaults.	Offers filenaming via release script programming.	Offers configurable OCR filenaming.	Offers configurable OCR filenaming.
Full Text OCR	Full Text OCR is available through searchable PDF.	Offers a separate OCR Full Text module. Searchable PDF at an additional cost.	Offers multiple languages per image and support for ASCII, Word, and PDF.	Offers up to 5 languages per document and ICR.
Zone Definition	Offers the ability to scan a sample image directly from setup and define zone and zoom controls.	Offers zone definition.	Offers the ability to browse for reference image only. Does not offer zoom controls.	Offers ability to scan a sample image directly from setup and define zone and zoom controls.
Automated Document Separation Capability:	<i>Please note for rows below: a "●" in a cell denotes that the software does offer this feature</i>			
By Page Count	●	●	●	●
By Blank Page	●		●	●
By SW Patch Code	●	●	●	●
By SW Barcode	●	●	●	●
By Empty Feeder	●		●	
By OCR Zone	●	●		●
By Separator Zone	●	●		●
Image Processing Features:				
Digital Stamp	●		●	
Rotation	●	●	●	●
Blank Page Removal	●	●	●	●
Auto Orientation	●	●	●	●
Background Color Smoothing	●	●		●
Image Edge Fill	●	●		
Stitch	●			