

## Competitive Comparison: KODAK Capture Pro Software vs. KOFAX Ascent Capture vs. EMS Captiva QuickScan Pro Selling Tool for Channel Partners

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

### KODAK Capture Pro Software

### KOFAX Ascent Capture

### EMC Captiva QuickScan Pro

OVERVIEW OF OFFERINGS			
Positioning	Easy-to-use production capture applications for centralized and departmental operations	Complex, high-end enterprise-wide document capture and forms processing	Desktop capture applications
Capture Workflow	Straightforward workflow that contains Capture / Import - Automatic / Manual Indexing - Output	Comprehensive workflow options; customizable	Straightforward workflow that contains Capture / Import - Automatic / Manual Indexing - Output
Ease of use	Designed to make document capture as easy as possible; Job shortcuts, keyboard shortcuts, easy setup	Lots of different processes, more geared towards large-scale enterprise solutions	Not very intuitive
Out-of-Box experience	Comes with predefined "Ready to Scan" setups allowing immediate capture operation after installation	No predefined setups, needs to be customized	No predefined setups, needs to be customized
Installation Options	Installation wizard, silent installation	Installation wizard, optional SVRS (software VRS) install	Installation wizard, easy install
Licensing Model	Virtually unlimited number of images can be captured and processed; see specific regional details for information about licensing period	Volume based licensing, workstation licensing and modular licensing (based on specific functionality)	Unlimited images. Pricing appears to be based on scanner "level." EMC defines 4 levels: 1, 2, 3, P (production).
Scanner Support - KODAK Branded	Best in class; supports all scanner capabilities; terminology fully aligned between scanner driver and software application	Supports all Kodak scanner models, does not enable all scanner capabilities (e.g. simultaneous B&W and color capture)	Supports all Kodak scanner models, enables most scanner capabilities using ISIS
Scanner Support - Non-Kodak Branded	Supports KODAK branded scanners only	Supports a wide range of capture devices	Supports a wide range of capture devices using ISIS
Compatibility With CMS/ECM Systems	Supports dozens of system output options; API allows for additional custom connectivity	Supports broad set of CMS / ECM systems	Supports modest set of CMS / ECM systems
Vertical Specific Applications	Very flexible options to define jobs that address specific application requirements; front-end to more vertically oriented solutions	Separate solutions offerings are available that can be used in combination with Ascent, e.g. Invoice Processing	No. However, a different EMC Captiva capture pack, InputAccel, does support.
Ability To Customize & Integrate	Several API's are available to accommodate customization needs that go beyond what can be done through job setup and user management.	Offers high level of customization based on script language facility	Similar to Capture Pro, QSP easily integrates with any scanner with an ISIS driver (300+ scanners). An application package is also available - ApplicationXtender - which enables QSP integration with any Documentum ApplicationXtender application.
Scalable - Expandable Architecture	Designed as desktop application; Multiple stations can share setup files for distributed environment	Client / Server architecture offers high degree of scalability	Similar to Capture Pro, QSP easily integrates with any scanner with an ISIS driver (300+ scanners). An application package is also available - ApplicationXtender - which enables QSP integration with any Documentum ApplicationXtender application.
FEATURES			
<b>Intuitive Operation</b>			
Job Setup - Ease of use	Intuitive	Complex, non-intuitive	Complex and non-intuitive; may require admin training
Scan Job Profile Setup	Simple process to input settings	Complex, non-intuitive process.	Complex setup process, non-intuitive and may require admin training
Page Setup	Independent of Job Setup, allowing more flexibility to quickly access different setups and leverage in a new job setup without re-keying defaults. Includes definitions of job separators, indexing parameters and output options.	Complex, non-intuitive process.	Integrated into Job (Profile) setup, making the profiles less accessible to be re-used in additional jobs. "Nested" organization aligns settings with one job.
Single Touch Operation / Programmable "Hot Keys"	Yes - assign shortcut to scanner button	Keyboard shortcuts available with the batch content tree view and in the validation and verification modules. Keys are predefined.	No
Interactive Blank Page Removal	Review and (de)select images to be discarded prior to removal for optimal control over removal process with quick and convenient visual check	No	No
Flexible Batch Naming	Yes; Automated, rules-based naming logic, as well as manual override	Yes, rules based. Manual override.	No; Sequential numbering only; manual override of starting number. You can enter a base filename, but no rules based logic incorporated.
Retrieval Application	Yes - Includes free self contained Find and View application	No	No
Searchable PDF	Unlimited	Volume based licensing, not included as standard	Unlimited images. Pricing appears to be based on scanner "level." EMC defines 4 levels: 1, 2, 3, P (production).
Index File options	Very comprehensive; Limited customization since don't offer script language capability	Very comprehensive; offers script language capability to enable high degree of customization	Less flexible than Kodak Capture Pro (which makes it easier to define OCR & barcode zones and define substitution characters)

	KODAK Capture Pro Software	KOFAX Ascent Capture	EMC Captiva QuickScan Pro
<b>Productivity Features</b>			
Batch Manager	Yes. Includes Job Name, Batch name, Submit time, status, user name, progress, description.	Name, Class, Date, Queue, Status, Station ID, Priority. Can right click on a batch entry to get more batch properties - Start Date & Time, End Date & Time, Queue, Status, Errors, Station ID.	Yes. Includes name, path, profile, # of docs, # of pages, Index Started, Index Completed, Exported.
Keyboard Shortcuts	Yes; Predefined shortcuts allow easy access to most commonly used functions	Keyboard shortcuts available with the batch content tree view and in the validation and verification modules. Keys are predefined.	Customizable
Auto Batch Output	Yes; Time-saving option allows batches to be processed immediately after scanning	Yes, can be customized through scripts	Yes
Background Batch Processing	Yes - Previous batch can be output while operator continues capturing into new batch (all on a single station)	Only using multiple stations (servers), not on a single station	No
Auto Indexing During Scanning	Yes, eliminates wait time for index processing	TBD	After scanning or before closing a batch, not during scanning
Default Screen Layouts	Two: Classic and Enhanced layouts provide convenient default settings to go back to	One	One
Multi-image Viewer	1,2,4,8,custom - Viewer settings are stored by job by user for a fully customized viewing experience	Various 2 and 3 up formats. Thumbnail viewer.	1-up
Capture Shortcuts	Yes; Any Job Shortcut / Page Shortcut combination. Accessible from system tray	Yes; Ctrl - T to start scan. Keyboard shortcuts available with the batch content tree view and in the validation and verification modules. Keys are predefined.	Yes - using profiles. Accessible via use of Ctrl-B or Alt-S, Alt-B to start a new scan.
Single touch operation	Yes; Assign shortcut to scanner button	Keyboard shortcuts available with the batch content tree view and in the validation and verification modules. Keys are predefined.	No; However any menu item can be mapped to a shortcut key
Split Images	Yes; Comprehensive options to split into multiple image segments, reorder sequence and selectively delete segments. Ideal for large forms.	No	No
Merge Images	Yes; Conveniently combine front and back into a single image for downstream processes	No	No
Split and Merge Documents	Yes	No; Combine at document level	No - Can split documents from thumbnail view (no document merge function)
Book scanning	Yes; Ideal mode for continuous scanning using a flatbed scanner	No	No
Support for electronic documents	No	Yes	No
Distributed architecture	Standalone client; share settings between clients	Client-Server	Standalone client
User activity tracking	Yes; Logs timestamp and user for batch creation and last modification	Yes; Extensive user activity logging possible	No
Image import	Yes; Manual import of images into a document	Yes	No
Custom controls	No	Yes	No
Automatic Blank Page Removal	Yes; Byte size and content-based. During scanning and Post scan. B&W and Color.	Available only when VRS is used; functionality does not reside in Ascent Capture	Yes; Byte size and content-based. During scanning and Post scan. B&W Only
Multiple Output capabilities	Yes	Yes, offers comprehensive list of systems with which to interface.	No; Will output many different file types, but no specific back-end systems are listed as being interfaced to.
Post-Scan Editing	Rotation, Blanking, Cropping. Single or multiple objects	Extensive list of image processing capabilities are supported, including character smoothing, cleaning, preserve, thicken, thin, etc. Also offers document level rotation.	Single image only. Rotate and crop
Image File Format Support	TIFF, JPEG, PDF/A, Searchable PDF	Supports multiple file types, including JPG, TIFF with multiple compression types, PCX and PDF	Multiple image formats supported
Business metrics	Yes	Yes	TBD
Supports dual stream	Yes and also allows separate output processing settings for each stream	No	Yes, however, there is no option to separate the streams for further processing
Data validation (referenced to ECM data)	Yes, through Data field definitions and APIs	Yes, they have separate validation and verification modules. Both can be customized through scripts.	Yes; Through validation rules.
MICR	Yes - standard	Optional	No
Barcode Types	17, including 2-D barcodes	10 x 1-D standard, 5 x 2-D at a premium	21, including 2-D barcodes

	<b>KODAK Capture Pro Software</b>	<b>KOFAX Ascent Capture</b>	<b>EMC Captiva QuickScan Pro</b>
<b>OCR Capability:</b>			
Full page OCR	Yes, through searchable PDF	Yes, two engines w/voting	Yes
Separate full page OCR output	Yes	Yes, workflow through Kofax PDF generator module	Yes
Configurable OCR Filenaming	Yes	Yes, through release script	Yes
Full text OCR	One language per image; supports PDF only	Up to 5 languages simultaneously. See Ascent OCR worksheet.	Multiple languages per image; supports ASCII, Word as well as PDF
Zone Definition	Scan sample image directly from setup and define zone, zoom controls	Yes, including registration zones.	Browse for reference image only; no zoom controls
<b>Automated Document / Batch Separation Capability:</b>			
By page count	Yes	Yes	Yes
By blank page	Yes	No	Yes
By sw patch code	Yes	Yes	Yes
By sw barcode	Yes	Yes	Yes, both software and hardware
By hardware indicator	No	No	Yes
By empty feeder	Yes, when selecting the option to automatically close batch after scanning	Yes; Known as "Kofax manual." Can also perform separation based on page/form recognition.	Yes
By OCR zone	Yes	Yes	No
By separator zone	No	Yes	No
<b>Image Processing Features:</b>			
Black overscan removal			I
Black border cropping		I	
Border removal	I	I	
Color content (determines if color in image & % color)			
Color dropout	I		
Crop	I		
Deshade		I	
Deskew	I	I	
Despeckle		I	
Digital stamp	I		I
Edge enhancement		I	
Rotation	I		I
Threshold	I		I
Blank page removal	I		I
Dilation			I
Erosion			I
Half-tone removal			I
Hole removal			I
Invert image			I
Line removal		I	I
Noise removal			I
Smoothing	I		I
Auto orientation	I		I
Background color smoothing	I		
Image edge fill	I		
Stitch	I		
Split	I		
Streak removal		I	