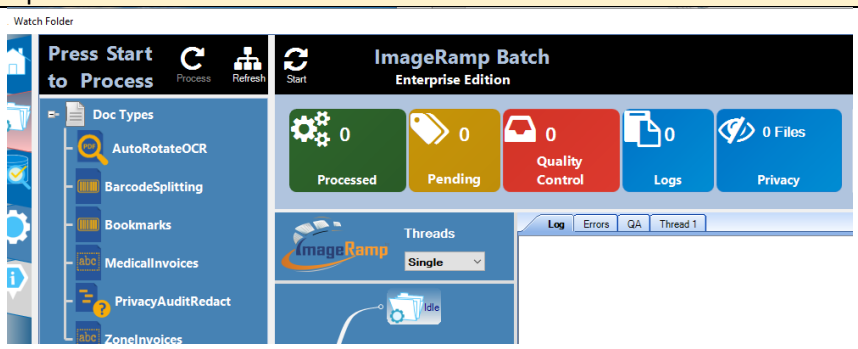
What's New in ImageRamp 8

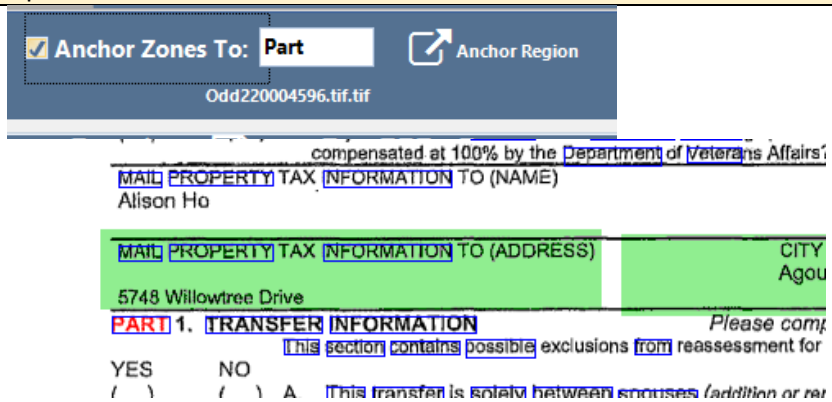
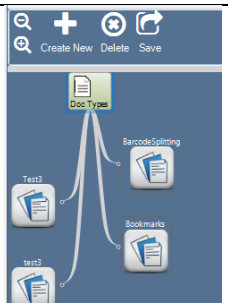
Latest Build 8.18.1107.14189

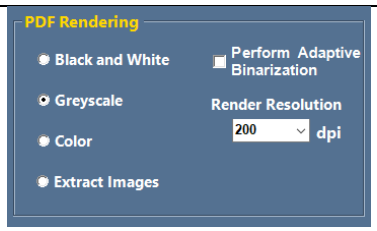
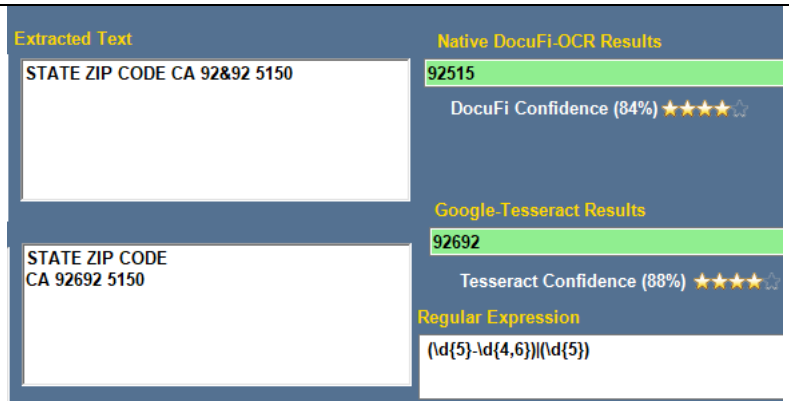
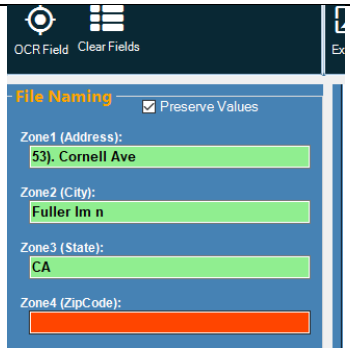
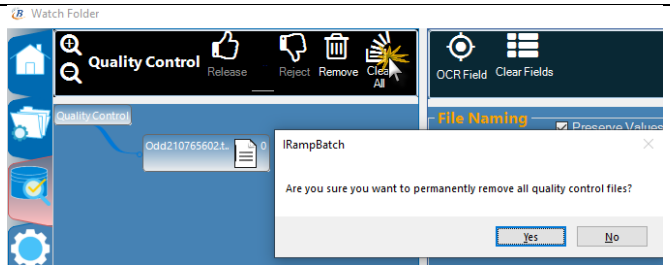
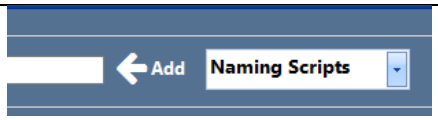
	Updates for 8.18
User Interface Simplification:	 Removed test databases, Tooltip enhancements Simpler look and feel
Upgraded PDF Imaging Libraries	Upgraded to latest 14.1.189 with Improved OCR processing Improved PDF/Docx/XLS Rendering Support for PDF Embedded fonts
Removed Prompts for email address	When upgrading revisions, the prompt for the email address is removed.
Support for JPG source files	JPG Files with barcodes can now be processed into PDF.

	Updates for 8.17
Updated digital certificate to 2025	Upgraded the Digital Certificate to expire 17-Oct-2025
Backup folder moved to a global setting	The Backup folder is now configured globally
Add timestamping to backup files	Backup files now contain a time stamp to prevent same file overwrite.
Log files are now stored into the bakup folder under a subdirectory	Log files are now stored into their own folder within the backup folder.
Resolved issue 22-158	Resolved customer issue with batch but not SVR recognizing low quality images.

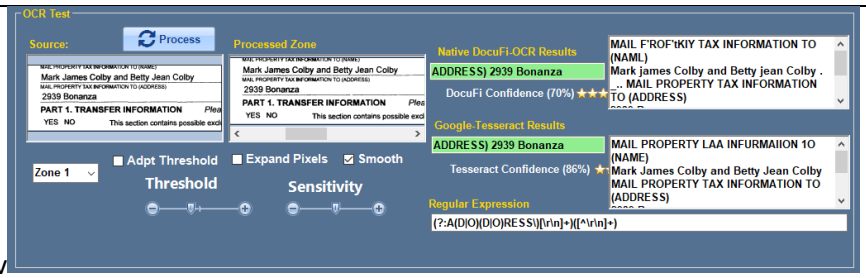
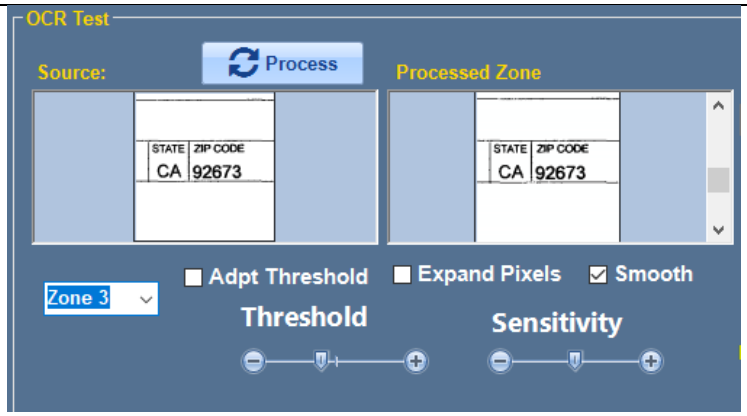
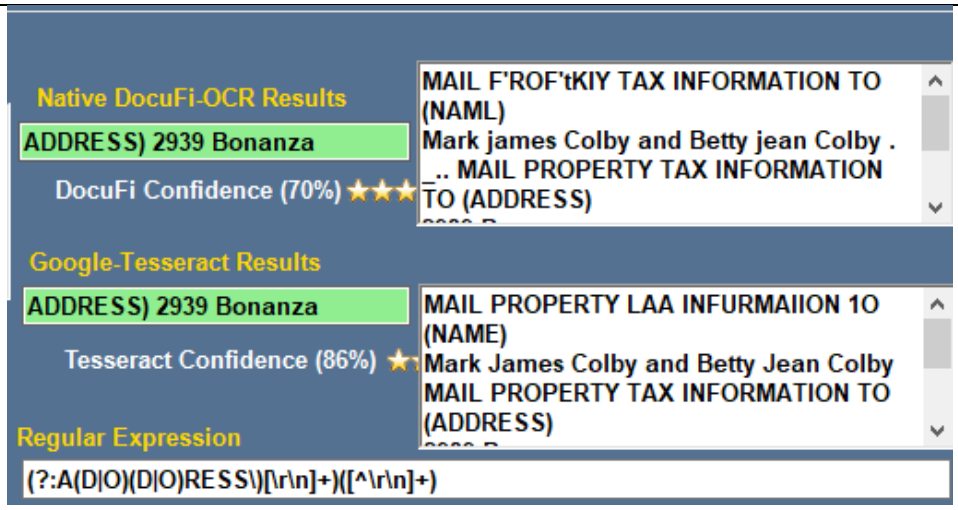
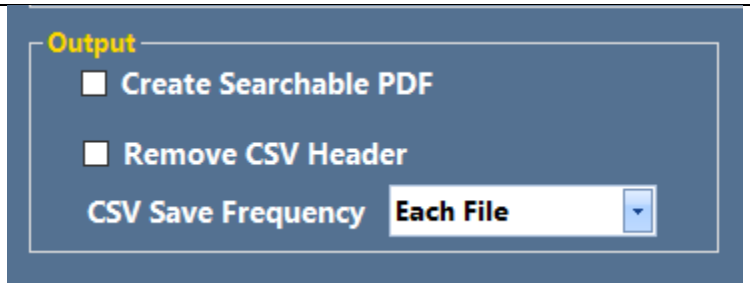
	Updates for 8.16

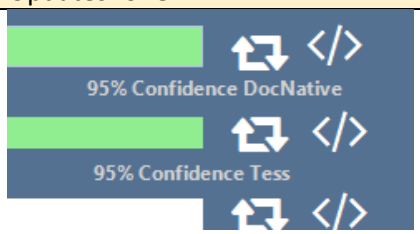
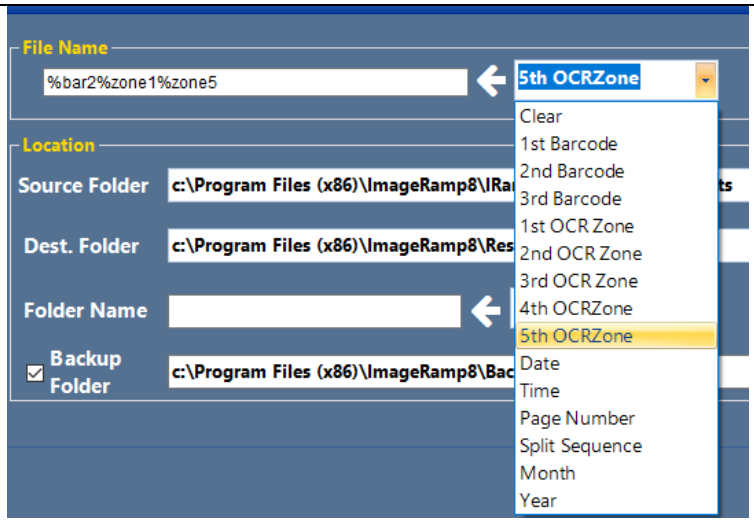
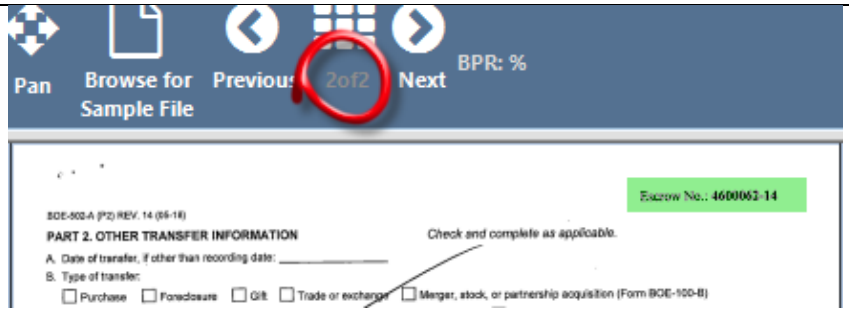
Admin requirements removed from the installer	
Number of supported profiles is expanded to 25	Enterprise edition now supports 25 profiles, pro edition 12, and std 3.
QR Codes added to Scan Separator	
OCR Improvements to calculate quality of OCR block	
Auto rotation added to pre-processing	
Upgraded Barcode and Docx/XLSX library	Improved handling of Docx and XLSX files

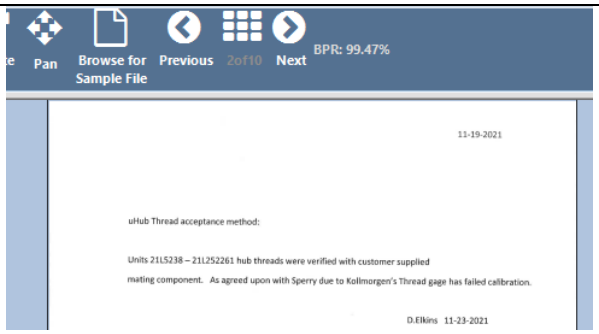
	Updates for 8.15
Zone Anchoring: Zone archoring allows the user to select words within a document to use as a baseline position. This helps with unstructured zone processing where document layouts may differ. Once a Anchor word is identified, all zones are stored relative to this keyword. High confidence text is displayed to help selection of a unique word.	
QC handling is enhanced for zone related jobs.	
Settings tree reflects deleted and new profiles	

Perform Binarization is enabled when greyscale or color rendering modes are selected.	
Improved Dual OCR Quality Confidence handling	
Field Names now available for Zones in Quality Handler	
Easily Remove all files contained in the QC database.	
Improved Drag and drop OCR processing	
UI Update and logic fixes to the script drop downs for File and Folder naming.	

	8.14.0117

An Enhanced Zone OCR editor allows users to test regular expressions and image enhancement tools to optimize results. Dual OCR voting is displayed.	
View and test any of the 5 OCR zones. **Character smoothing is an available option to help improve OCR accuracy.**	
Regular expressions can be tested during the dual zone OCR validation process on any zone. **Changes to the zones regular expression are not saved from this interface. Use the regex editor in the Mining Tab.**	
Export extracted data to a CSV file in increments of Per File, Per Batch or Per Day.	

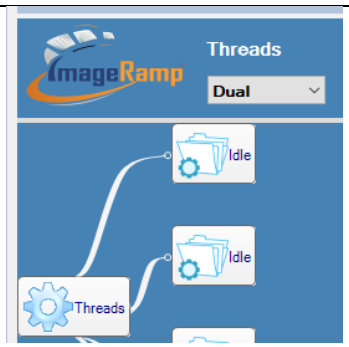
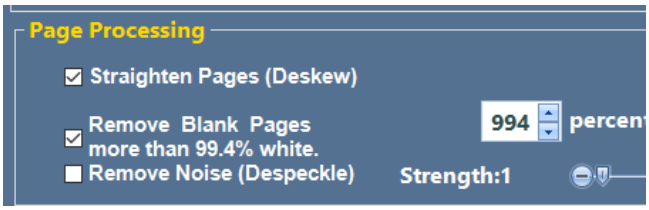
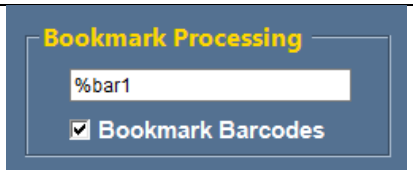
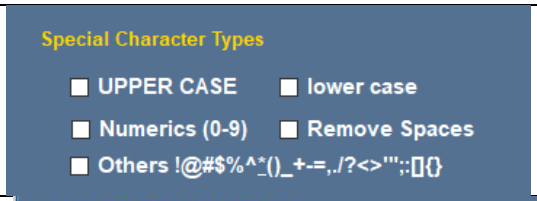
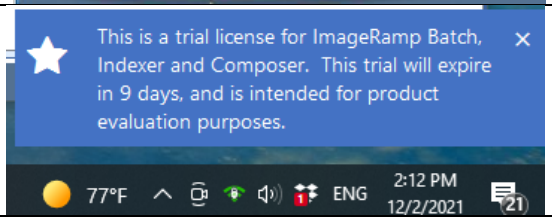
	Updates for 8.14
Dual OCR Voting on zones. The highest confidence scoring results from the DocuFi Native engine and Tesseract engines, is used in the enterprise edition.	
Configure up to 5 Zone OCRregions in the enterprise Edition. **Selecting a specific script item for folder or file names insert the rename script.**	
Set up zone regions on any page. Simply navigate to any page with the desired text for any zone.	
Zone and barcode processed TIF files are saved as TIF files	
Multi-threaded processing of process file is now supported	

ImageRamp Updates for 8.12.1223	
Space trimming added to all zone OCR code paths	" 12345 " becomes "12345" Both trailing and preceeding spaces are trimmed from zone ocr results.
Mining preview now displays blank page ratios (BPR) to assist setting it up. With a setting of 99.4% (994) this page would be removed.	

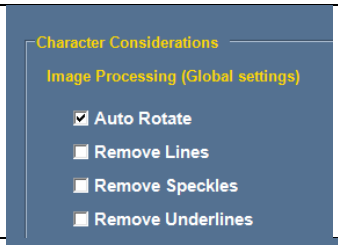
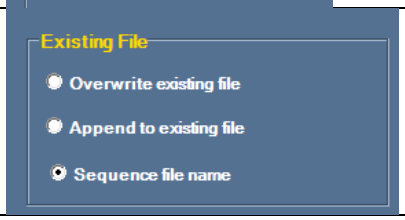
ImageRamp Updates for 8.12.1124	
Upgraded Imaging Libraries to 14.1.140	• Improved OCR accuracy. • Improved Office formats rendering engine. • Improved PDF rendering engine. • Improved PDF/A converter and validation engines. • Improved page orientation detection accuracy.

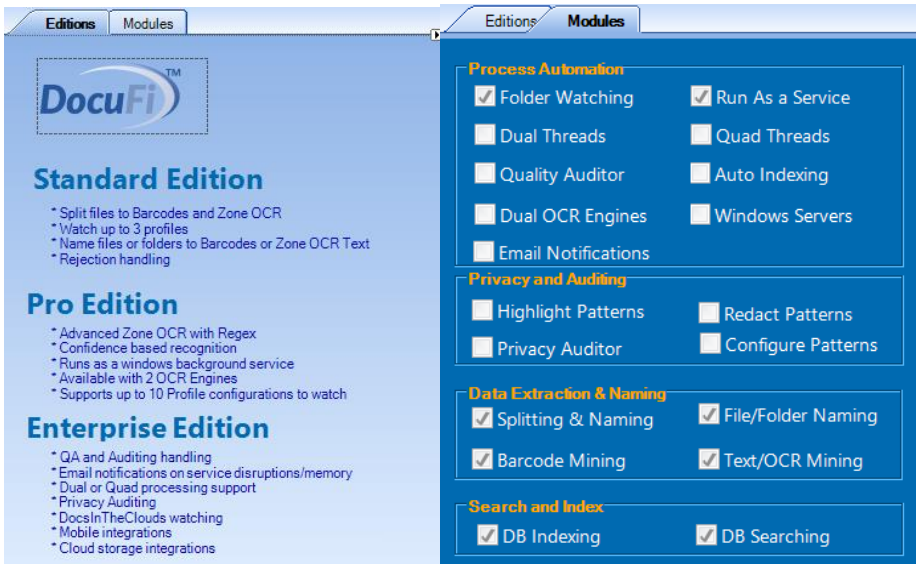
New Dual OCR Voting for best confidence (Enterprise Edition)	OCR processing now utilizes two engines and selects the highest confidence results for each OCR zone.
	`Thread 1: Rendered 1 page(s).`
	`Thread 1: Backup saved`
	`Thread 1: Tesseract OCR Page 1:Seattle Daily Grind|11216,(96|97),(0 degrees)`
	`Thread 1: DocuFi OCR Page 1:Seattle Dai|y Grind|11216,(74|83)`

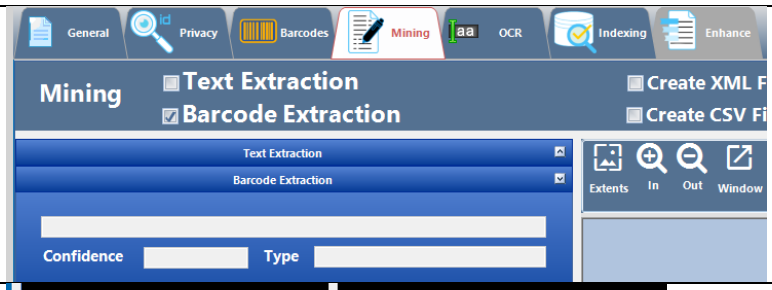
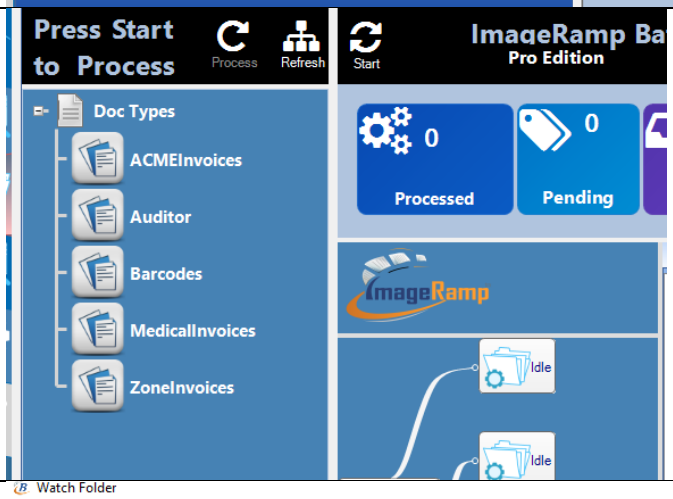
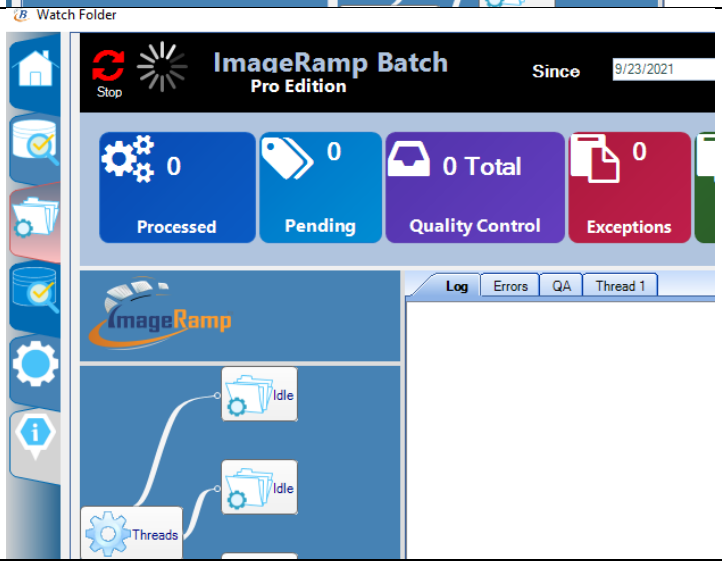
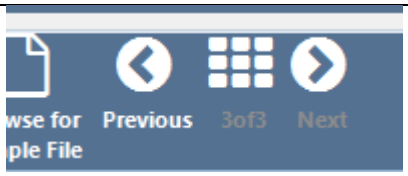
	`If IndexProps.SaveToCSV Then`
	`Dim outCSVFileName As String`
	`outCSVFileName = IO.Path.GetDirectoryName(DestFilePath) & "\" & IO.Path.GetFileNameWithoutExtension(DestFilePath) & ".csv"`
	`oWriteCSV = IO.File.CreateText(outCSVFileName)`
	`oWriteCSV.WriteLine(strInsertColumns)`
	`oWriteCSV.WriteLine(Replace(strInsertValues, "'", """"))`
	`oWriteCSV.Close()`
	`End If`

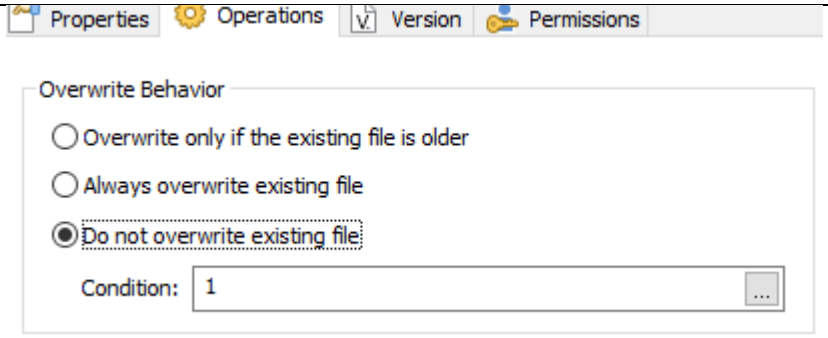
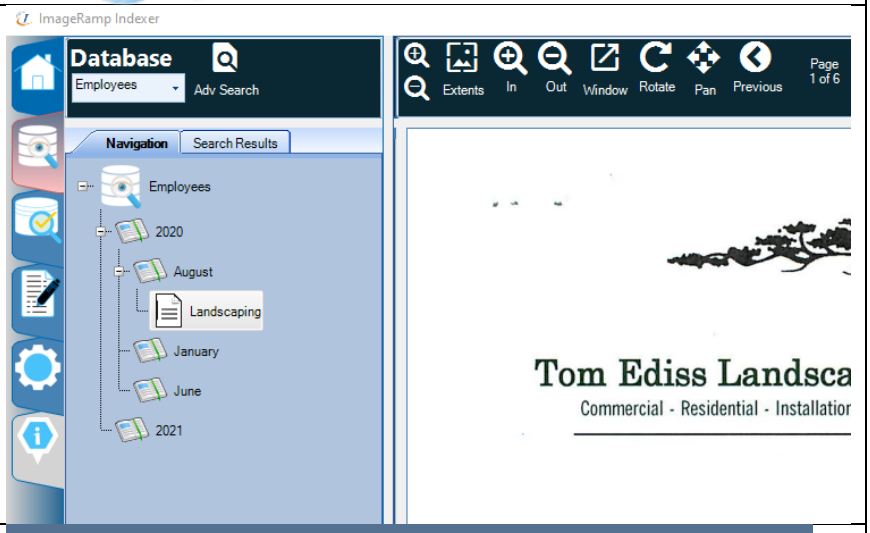
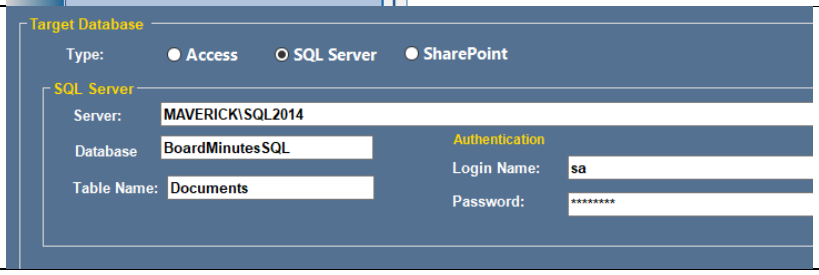
Enterprise edition enables multi-thread watching with a new User Interface item to change threads used.	
Optimized Barcode Extraction when not splitting	Barcode extraction will only process page 1 if no splitting or bookmarking is involved.
Licensing Cleanup	The Licensing system has been upgraded and consolidated for Composer, Indexer and Batch licenses.
Improved blank page removal	Blank Page removal has an added decimal place to improve accuracy. 995 would be 99.5% white to black. 
Enhanced Bookmarking from Barcodes and User Interface updates.	
Added Space Removal from zone OCR processing to both engines.	
Users can now define the QA folder for rejection handling (Enterprise Edition).	
A notification popup reminds the user of trial license time remaining at startup.	

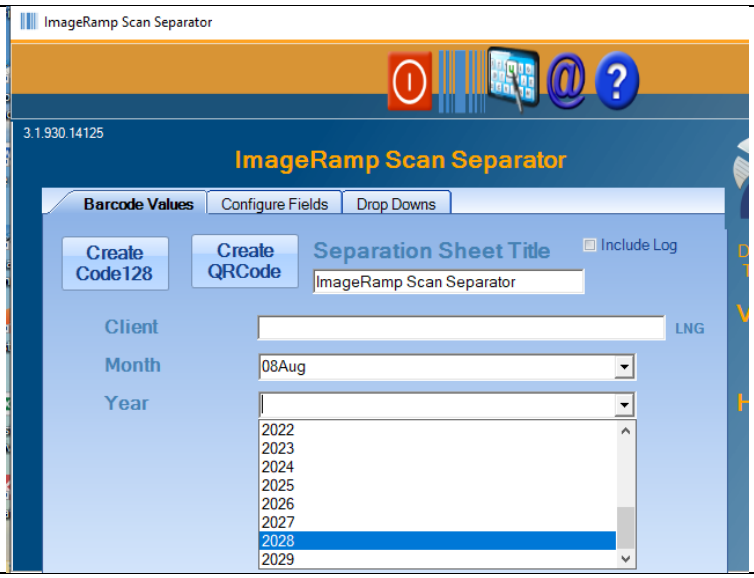
ImageRamp Updates for 8.11.1101

Improved OCR Auto Rotation detection.	
Resolved issues when saving and splitting with Global sequencing enabled.	
Addressed issue of process's still removing files from the source folder.	
Resolved the issue of code 39 barcode settings handling	
Command line handling added to support various ImageRamp database configurations	

ImageRamp Updates for 8.11	
The about screen identifies the edition and basic functionality of the different versions.	

New top oriented tab layout for Settings. **Labels also help identify tab functionality.**	
New look and feel to processing tree.	
When batch processing is running, the doctype panel is collapsed to simplify the look and feel.	
Resolved issue with removing cover pages on splits.	
Cleanup of page flippers. Next is disabled on last page, previous is disabled on first page	
Expanded Standard edition to support 3 folders on watch.	

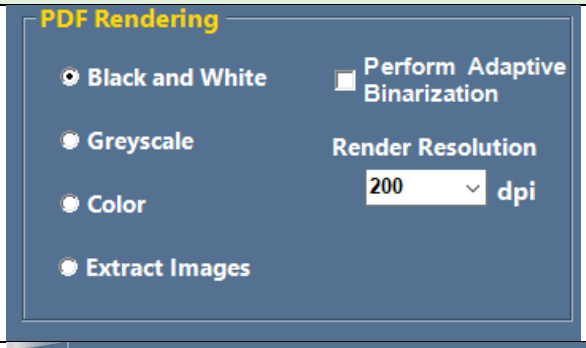
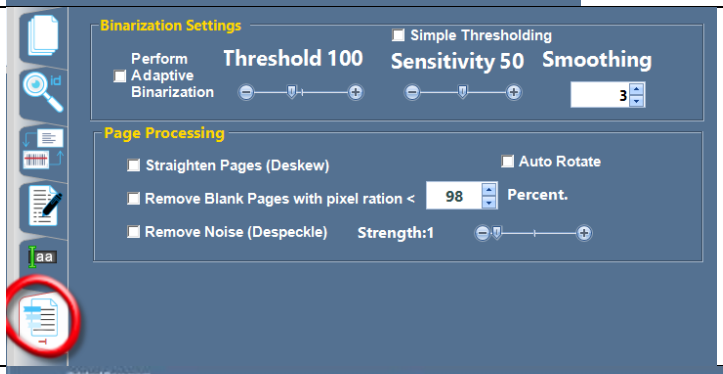
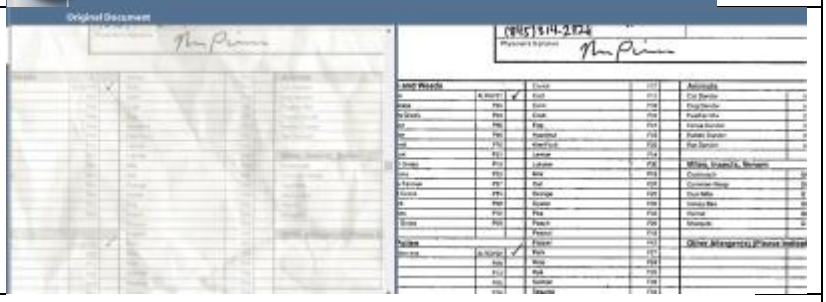
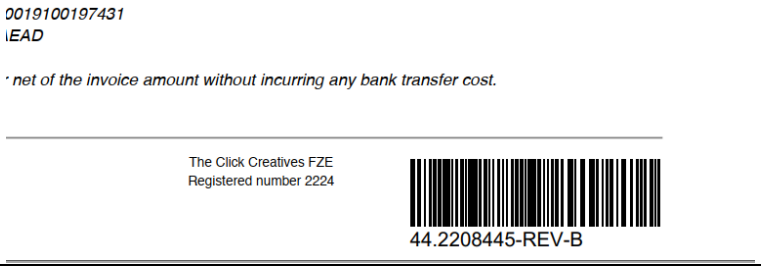
The number of threads is no longer user configurable and is managed by the license	
We no longer Overwrite the ImageRamp.mdb and ImageRampAudits.mdb files	
Integration with DocsInTHeClouds Services to process mobile captured documents.	
ImageRamp Search now supports a navigation tree to search for indexed documents.	
ImageRamp Indexer – updates to the SQL Database integration for indexing and search applications.	

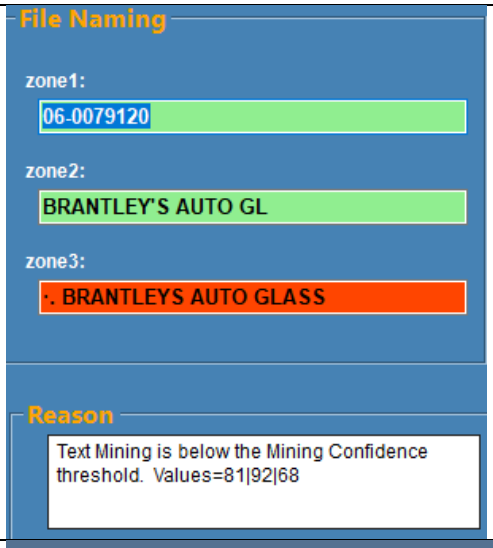
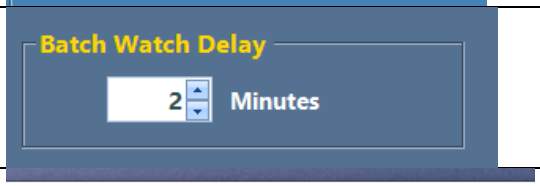
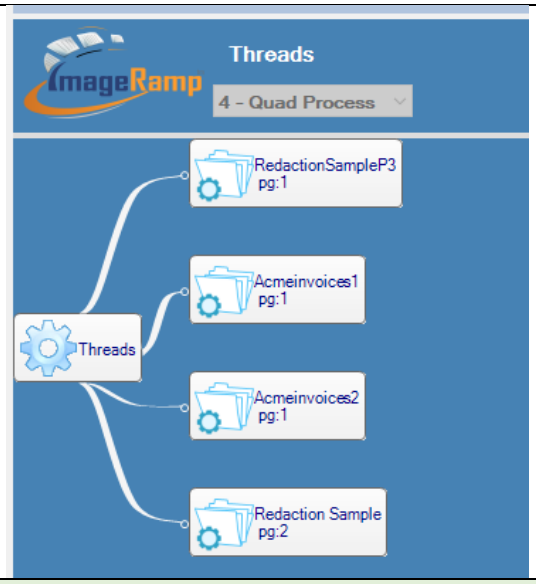
Scan Separator improvements include Month and Year drop down selections **File names now incorporate first 3 barcode values as the file name.**	

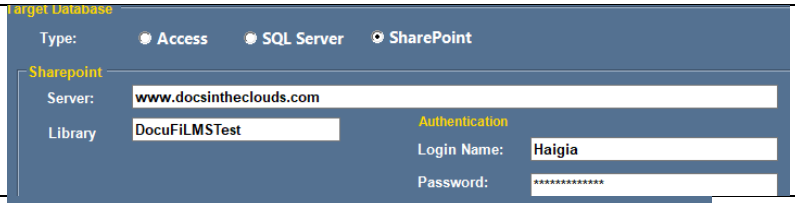
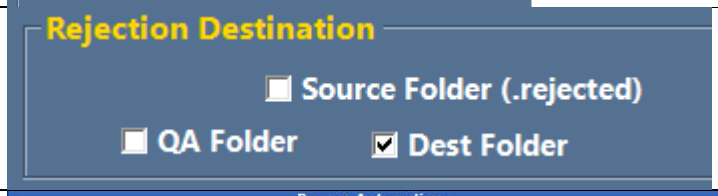
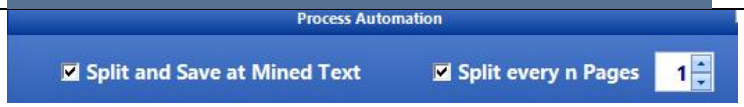
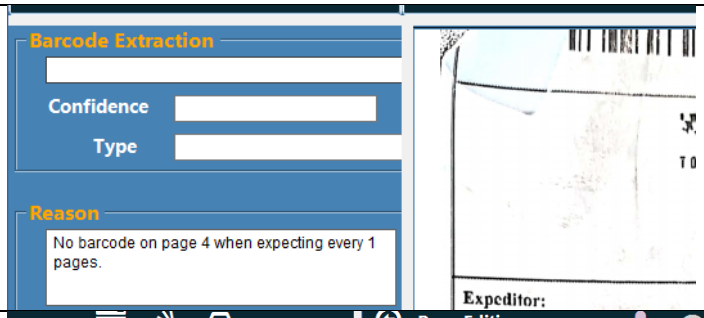
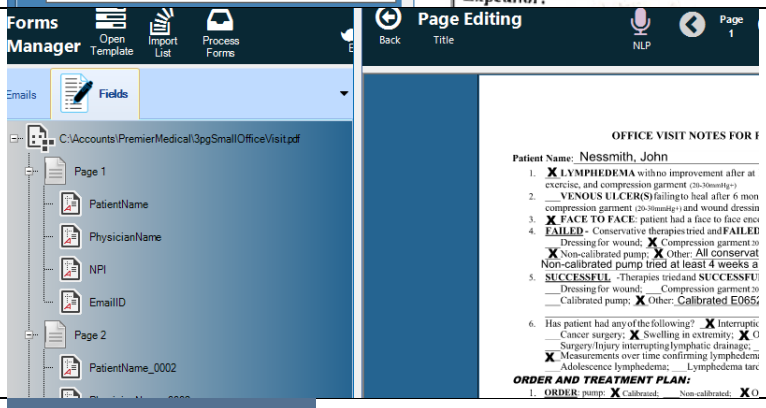
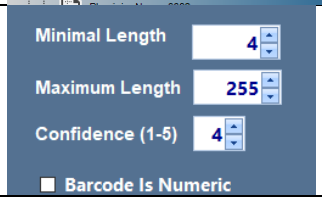
ImageRamp Updates for 8.10	
Fixed the issue in zone ocr when multi-page splitting is enabled	Pages with no returns and multiple zones were returning "|" delimiters.
Improved performance by bypassing Zone OCR reading when no splitting is enabled.	
Major upgrade to PDF Imaging component 14.1.115	• Improved OCR accuracy. • Improved Office formats rendering engine. • General speed improvements • Improved page orientation detection engine. • Improved PDF/A converter engine. • Improved PDF & image rendering speed.
Address the issue with multiple OCR zones and splitting files.	
Suppressed the logging for pages that have no OCR data for split situations.	-->Processing 1&2 page-routers-multi-s Converting PDF To TIF at 200dpi Rendered 7 page(s). Backup saved ReadingOCRZones:289ee005-1dd9-413f- Page 1:3|12471 1,(88|87) Page 4:4|12471 1,(93|87) Page 5:4|12471 1,(93|87)

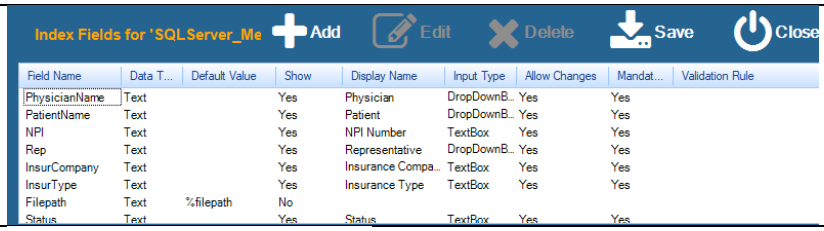
ImageRamp Updates for 8.9	
Most Recent handler has been removed from	

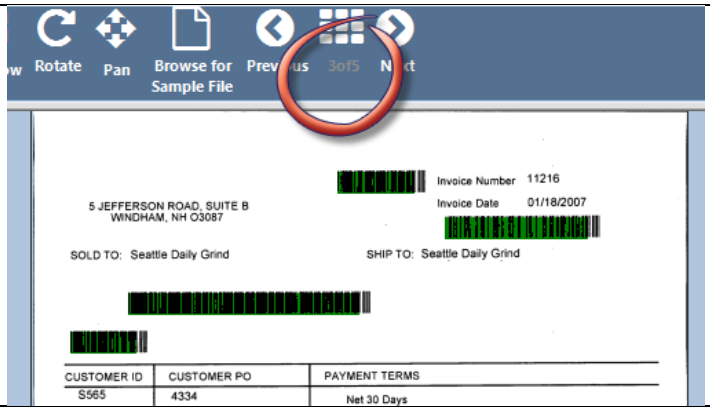
Composer deemphasizing home page interface.	
Scrolling tile of existing customers removed to eliminate background threads.	

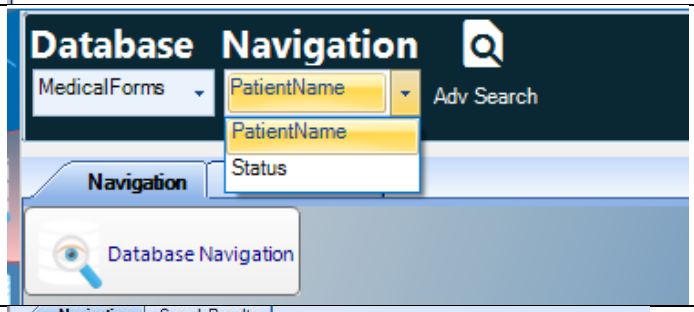
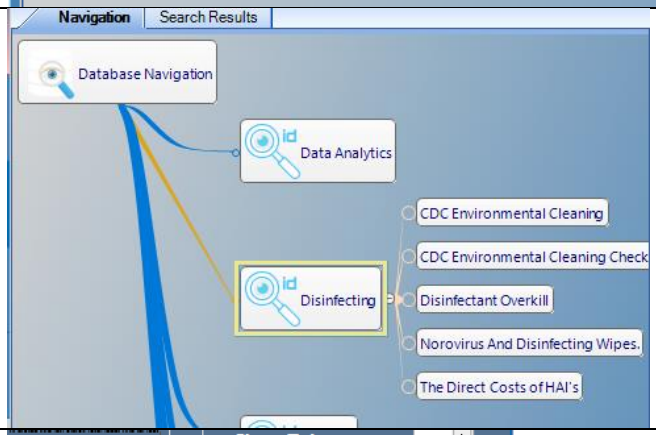
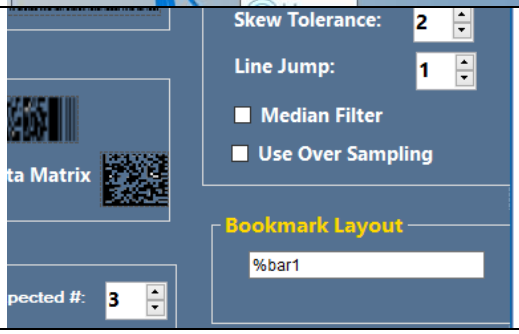
ImageRamp Updates for 8.8.1208	
2D Adaptive Binarization (converting greyscale/color to black and white) has been added with settings for each document type profile.	
Advanced controls support 2D adaptive techniques to help optimize image quality.	
Visually preview the impact of changing settings to help optimize image quality and file reduction.	
Add barcodes designators representing the file name or extracted ocr text to help with future processing needs.	
ImageRamp databases can be loaded through compiler	

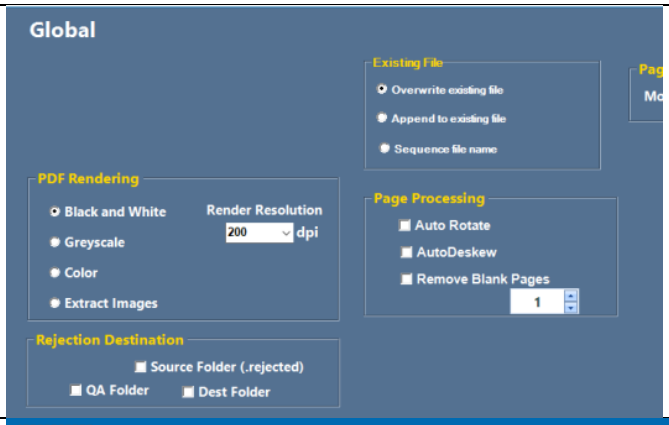
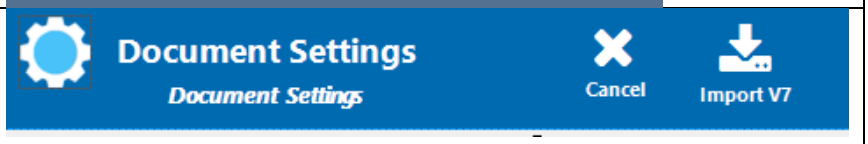
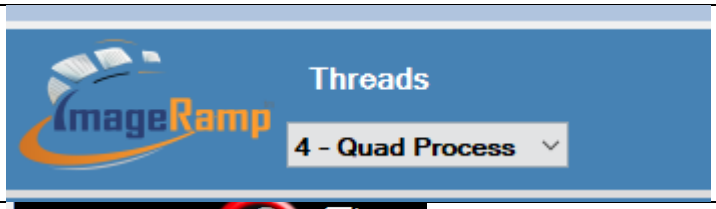
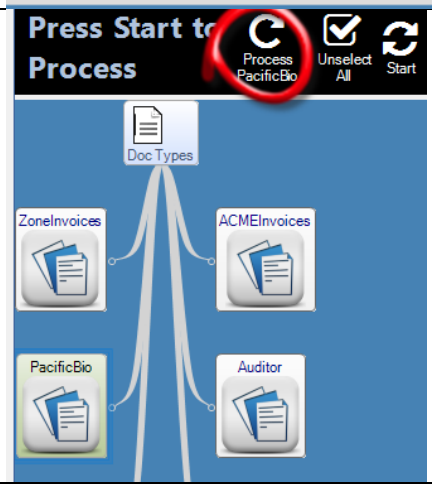
options or the command line	
The QA process now incorporates reason reporting for rejected files.	
Batch Watch Settings It is now possible to set the amount of time the batch processing will cycle.	
Watching in progress color update When the watch timer is actively processing files, the circular progress bar will be green. When it is waiting for the timer event to activate, it will be white.	
Multi-Threaded Improvements Improvements have been made in multi-threaded Enterprise editions to accommodate new files added to the watched folders. Both dual and quad thread processing have been updated.	
ImageRamp 8.8 prior updates	
Core Engine Updates	• Improved PDF Bookmark handling

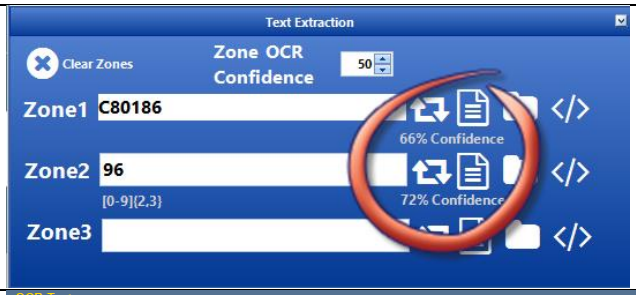
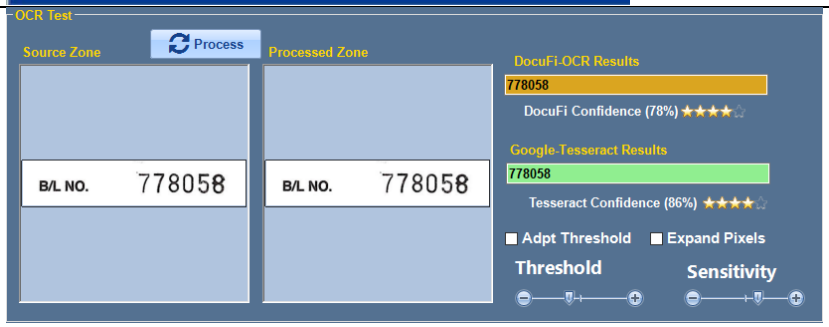
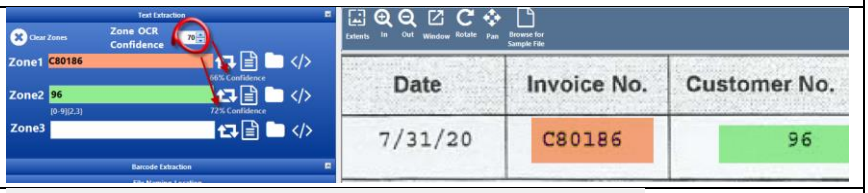
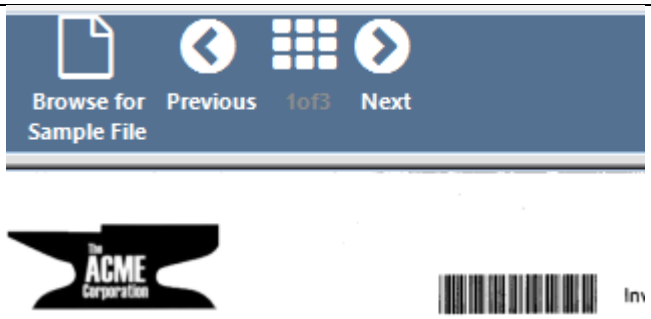
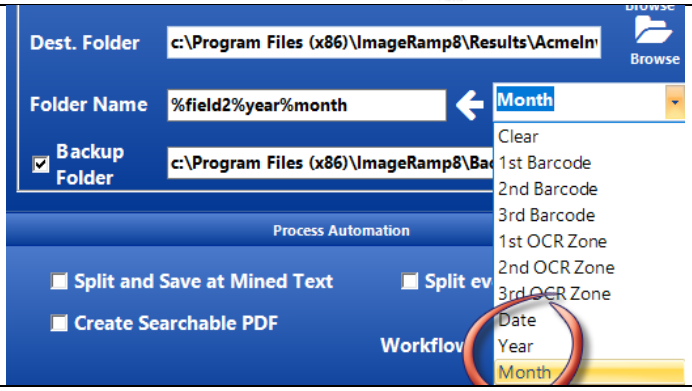
	• AutoRotation occurs as a pre-extraction process • Several minor bug fixes and UI improvements • Updated PDF/Imaging core Library to 14.1.87 • Improved integration with MS SQL Server and Sharepoint • Fixes to file appending and sequencing • Microsoft .net Framework 4.6.1
SharePoint Integration PDF FormFields and indexing to SharePoint repositories is now supported.	
Improved QA Rejection Handling Low confidence	
Barcode Splitting Supports expecting barcodes on each page.	
QA Rejection Reasons Documents or pages rejected reasons are now visible in the qa interface. These are no longer popup notifications.	
PDF Form Filling to Sharepoint and other repositories PDF forms can be imported and matched to a list of values for automated forms population and barcode stamping.	
Resolved the issue of barcode confidence not retaining.	

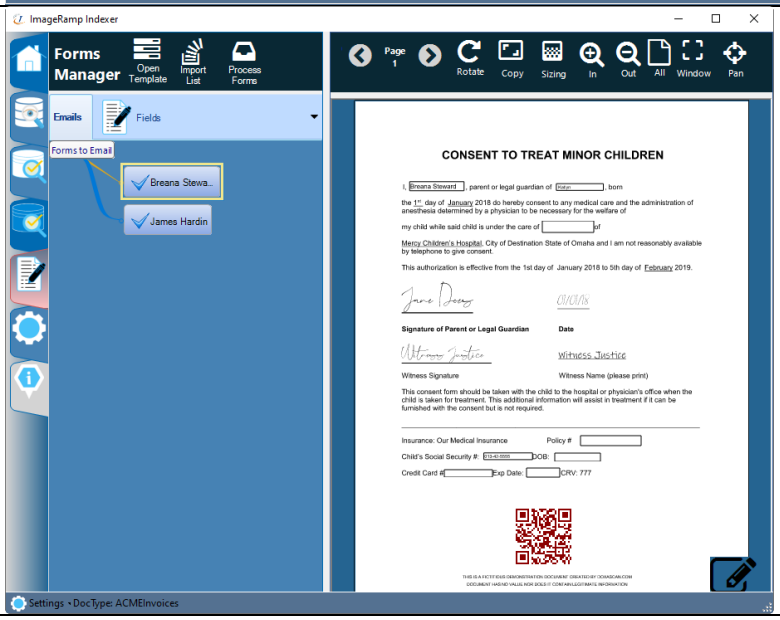
SQLServer, SharePoint and MSAccess field configurations. Index and search fields are configurable for multiple database systems.	
Improved Version 7 profile importing.	

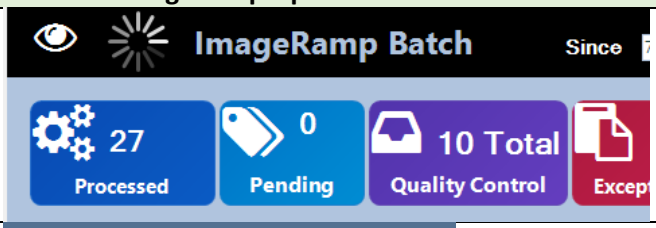
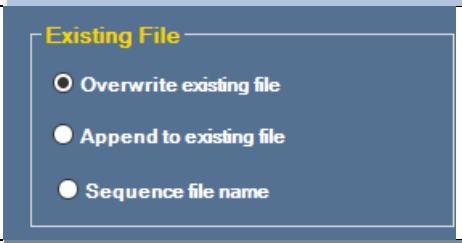
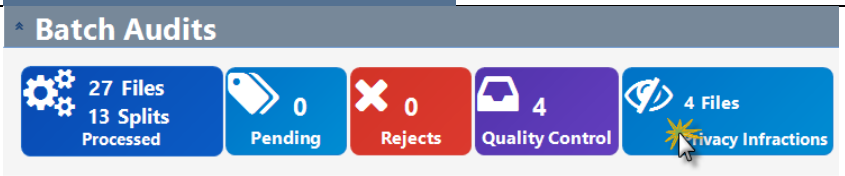
ImageRamp Updates for 8.7	
Core Engine Updates	• Improved Tesseract OCR Engine accuracy • Improved OCR Page rotation detection speed and accuracy • Improved PDF Rendering engine • AutoRotation occurs as a pre-extraction process • Several minor bug fixes and UI improvements • Updated Barcode Library 8.4.1
Page Navigation in DocType Settings Page navigation will now perform barcode or zone ocr reading as pages are changed	

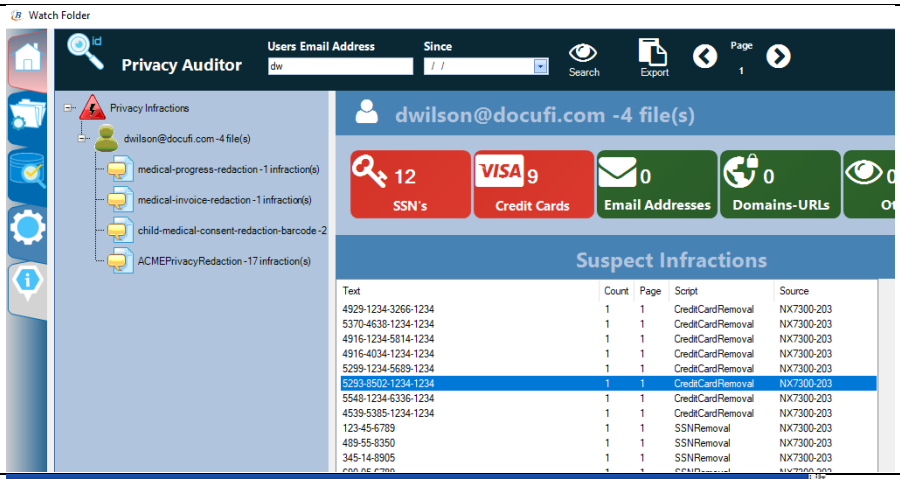
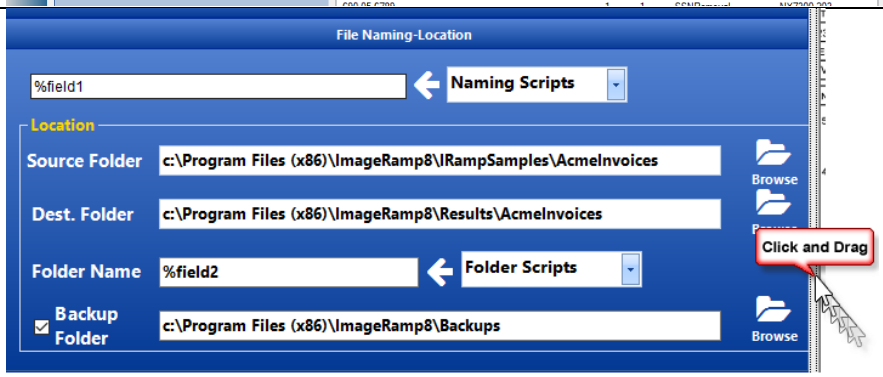
Two new doctype samples were added for 2D barcodes and Code128 only barcodes. A new sample document is provided including multiple types to help testing settings Sample folders in the installation folder SampleFiles are created for 2DBarcodes and Code128 barcodes.	
Database Searching Users can select any drop down field to navigate for documents.	
Navigation Nodes Double clicking on a navigation node will display resulting documents in both the navigation panel and search results.	
Bookmark automation BookMarking settings are now move into individual profiles instead of a global setting.	
DoubleClick on document viewing	We have moved the viewing of searched documents to require a double click instead of a single click.

ImageRamp Updates for 8.6	
Core Engine Updates	• Improved Tesseract OCR Engine accuracy • Improved Tesseract OCR Page rotation detection speed and accuracy • Improved PDF Rendering engine • Battery of minor bug fixes • Updated Barcode Library 8.4.1
Setup cleanup – Global Settings not applicable to batch or Indexer have been removed and groups have been better organized.	
Existing Settings Handling – Users can now import older V7 profile into the system as Document Type Profiles.	
Thread Settings- in the enterprise edition of Batch are preserved at startup.	
Testing DocType Profiles – Users can now select a specific profile and select the Process command. Files found in the folder associated with that DocType are process and are left in their original folder.	

Zone Confidence While setting up zones, the returned confidence value for each zone is displayed to the user.	
OCR Testing Improvemenets have been made to the OCR test handler. Results of the two engines are color coded based on confidence, The confidence value is now visible, and image processing has been added to the Tesseract engine for improved results.	
Improved OCR Confidence reporting – OCR zones and zone setup fields now reflect the OCR confidence based on the confidence setting.	
Page Flippers have been added to Mining Editor	
Year and Date masks are now available in the folder and file name scripts.	
Append files fix	Append files when initial files do not exist has been fixed. a

ImageRamp Updates for 8.5	
Core engine updates	• Improved PDF Rendering • Battery of minor bug fixes
Index Profile Source and Destination handling – the index definitions are saved to connection profiles.	
Preliminary beta on Barcode Stamping on PDF formfields. Users import a PDF form field and merge it with a database list of recipients and other field data. Resulting PDF files are uniquely barcode stamped and stored in a database for later retrieval.	

ImageRamp Updates for 8.4	
Quality Counts are updated as infractions occur.	
Existing File Handling – Watched folders now supports existing file handling functionality from earlier versions	
Privacy Infraction tile is enabled. (Enterprise edition)	

Privacy Infraction details interface. (Enterprise Edition)	
File Naming Location Splitter support – Changing the splitter bar position will update the widths of source/dest and backup folders.	
Desktop updates	• The settings button will now load the first doc type profile settings. • Improved OCR Accuracy of Tesseract engine • Improved PDF/Office format rasterizers • Improved Demo files • Improved QA exception reporting on min/max out of range • Battery of minor bug fixes • Improved PDF Text extraction engine