



CAPSYS CAPTURE Version 2018 Release Notes

(On-Premises, Azure Commercial, Azure Government Editions)

June 2018

1.0 Introduction

CAPSYS CAPTURE version 2018 is the next cumulative release of CAPSYS CAPTURE, incorporating all features and bug fixes from previous versions, and new features and bug fixes added since the release of version CAPSYS CAPTURE 2015 R2.

2.0 System Requirements

Please refer to the [System Requirements](#) topic.

3.0 Version 2018 Enhancements

CAPSYS CAPTURE Web Client

- Fixed Search filter error, allows users to find, sort and work through cases in a specific queue.
- Resolved issue with where indexing data would be lost when user unexpectedly closes browser.
- Resolved broken links to Web Client online help library.

CAPSYS CAPTURE Standard Server

- Deprecated support for TLS 1.0. Supplied a utility "CAPSYS_FixSqlConnection.exe" to implement TLS 1.2 or greater support.

CAPSYS CAPTURE Enterprise Server

- Deprecated support for TLS 1.0. Supplied a utility "CAPSYS_FixSqlConnection.exe" to implement TLS 1.2 or greater support.
- Significantly enhanced synchronization of cases in progress when start/stop of service occurs.

CAPSYS CAPTURE Web Server

- Deprecated support for TLS 1.0. Supplied a utility "CAPSYS_FixSqlConnection.exe" to implement TLS 1.2 or greater support.
- Introduced support for EFSS storage. Contact support for details and professional services to enable this feature.

QSX Improvements

Major enhancements have been made throughout the entire library of QSX's - both standard QSX's inclusive with the shipment of every CAPSYS CAPTURE system as well as optionally purchased QSX's.

CCOCR & CCADC

- Implemented new methods to greatly improve OCR and Classification results throughout CCOCR & CCADC modules.
- Performance and accuracy enhancements made throughout CCOCR and CCADC modules.
- Fixed a problem causing the OCR not to recognize large image files.
- Reduced OCR memory usage, especially in multithread context.
- Improved auto-deskew algorithm.
- Improved JPEG decoder for tiff format to better handle malformed images.
- Fixed a bug into the OCR engine while processing non common image resolutions.
- Improved blank page detection engine accuracy.
- Improved borders removal engine accuracy.
- Improved line removal engine accuracy.
- OCR: improved recognition speed on HQ bitmap.
- Greatly enhanced anchor concepts which improves recognition rates in CCOCR.
- Resolved GUI configuration issues.

ImageCleanup QSX

- Improved blank page detection engine accuracy.
- Improved borders removal engine accuracy.
- Improved page orientation detection accuracy.
- Improved line removal engine accuracy.
- Improved autodeskew engine accuracy.
- Dramatically improved punch hole removal filter accuracy and speed (up to 6x faster).
- Dramatically improved black margins removal filter speed and accuracy.

- Dramatically improved white margins removal filter speed and accuracy.
- Dramatically improved borders detection filter speed and accuracy.

BarcodeQsx Improvements

- Barcode 1d/2d/Datamatrix/PDF417 readers: Improved recognition speed and detection accuracy
- QR Code reader engine: Improved accuracy by introducing support for several string encoding.
- Resolved Barcodes being misinterpreted as Patchcodes.

PDFFullText

- Improved pdf text extraction and search algorithms.
- PDF: improved form-fields handling.
- Improved PDF rendering speed with complex documents.
- Reduced size of produced PDF.
- Added ability to include a library of known passwords to a list to avoid PDF's from being routed to exception path
- Introduced multi-threading support to dramatically improve performance in PDF rendering process.

PDF2Image

- Underlying engine updated, performance improvements, bug fixes.

Send to OnBase

- Updated OnBase direct API release module. Requires Unity API license from Hyland which is NOT included in the CAPSYS release module.

MetadataInjector

- Resolved a problem where the final '|' separator at the end of each line created a "ghost field" and produced the error 'Index was outside the bounds of the array.'
- Fixed an issue with illegal file/folder name.

ExportPRO

- Addressed issue if the file exists already, which could be a folder and since it maybe a folder then it does not have a legitimate file type appended to the name, but if it truly is the file, and someone forgot to add the file type the file. ExportPRO code now tries to figure this out and append a unique value to the filename before the file type.
- Added a validation/verification step to ensure all images have been written to destination target rather than relying solely on .NET error trapping.

CC Rendition Document Converter

- This is considered a major upgrade. Fixed an issue with PDFs that contains XFA form fields. Some dynamic form fields were not having the values carried across to the output. Now all XFA form fields are forced to be treated as dynamic.
- Fixed an issue with .mht files being forced to fit into a single page. This was reducing the size of the text and images in the output especially if there were many pages. Now support PDF files with XFA forms as would be produced by Adobe Livecycle. Previous versions of the product would produce a single Adobe Acrobat warning page instead of extracting the form data from the PDF properly.
- Fixed a problem with the PDF output enhancement option that was doubling the height and width of the output images.
- New enhancements throughout the product including supporting unpacking password protected PDFs where password(s) are known.
- Updated UI, underlying engine completely revamped using latest versions of .NET, improved PDF variance detection, XPS bug fixes, Excel rendering enhancements, TIF enhancements, battery of bug fixes, performance improvements, lighter weight installation kit.

Office365 SharePoint

- Resolved Office365 SharePoint release issue "ERROR: Error Performing Update (Error Code -99) : Failure during operation. System.Exception: Error: Building URL for document System.UriFormatException: Invalid URI: The hostname could not be parsed."

CAPSYS CAPTURE Input Sources

Document Import Input Source

- Resolved memory leak condition and faulty/phantom MS Windows registry entries for CAPSYS nodes that would get created if the "Backup batches to directory" option had been selected.

EmailGateway

- GUI bug fixes, resolved issue with multiple mailboxes and resulting mailbox configuration errors, IMAP enhancements, performance improvements, improved logging.
- Enhancements added to better support Office365 connectivity
- Resolved SQL/ODBC connection discrepancies
- Resolved load testing script error of "processed successfully"
- Resolved interface issue when testing reply email settings on the Global tab

4.0 Installation and Upgrade Procedures

Contact your authorized partner CAPSYS support for installation and upgrade procedures.

5.0 Deprecation and End of Support

CAPSYS CAPTURE 4.3 Deprecation Notice

CAPSYS CAPTURE versions 4.3 including any patch releases or service packs will be deprecated as of December, 2018. This means that support for versions 4.3 and earlier will no longer be provided after this date. All CAPSYS CAPTURE users are encouraged to upgrade to version 2015 or higher before the deprecation date, preferably 2018 or higher.

End of support for Microsoft Products

Internet Explorer versions 10 and earlier are no longer supported with CAPSYS CAPTURE 2018.

6.0 Contacting CAPSYS Support

Please report any defects or problems that you find in the software by sending an email to the following address support@capsystech.com

In the text of your email, please provide all the following information:

- Operating System and Version
- Database Brand and Version (if applicable)
- IIS version (if applicable)
- Web Browser Brand and Version (CAPSYS CAPTURE Web Client)
- Description of the problem
- Step to reproduce the problem (if applicable)
- Exact text of any error messages displayed
- CAPSYS CAPTURE component in which the error occurred (Process Manager, Web Client, etc.)

In addition, please attach a trace log file if one was generated. Trace logging can be turned on by setting the following registry key on the computer for which you wish to enable trace logging.

WARNING! Turning on the trace logging capability will severely impact system performance. It should be used for diagnostics only.

CAPSYS CAPTURE Server:

HKEY_LOCAL_MACHINE\Software\CAPSYS

TraceFile = "C:\CAPSYSTrace.log"

Note: The path specified in the TraceFile key above must exist.

CAPSYS CAPTURE Web Server/Server Manager:

HKEY_LOCAL_MACHINE\Software\CAPSYS

IISTraceFile = "On"

Note: Trace logging for the CAPSYS CAPTURE Web Service and Process Manager is written to the Windows Event Viewer. The registry key for IISTraceFile should be set to on or off to enable or disable Event Viewer logging. A value of "On" enables logging; any value other than "On" disables logging (default).

CAPSYS Technologies, LLC

102 S. Tejon Street, #1100
Colorado Springs, CO 80903
(630) 875-1900

www.capsystech.com

End of CAPSYS CAPTURE 2018 Release Notes