INFO: 10.7 Full Release Notes

This is a full list of itemized release notes for 10.7.0.0 through 10.7.0.13 (all 14 releases ..initial release and fixpacks) here are the links for other major releases

For other versions, please visit our Release notes home page:

INFO: DotImage Release Notes

PLEASE NOTE: a site redesign in 2015 lost all previous release notes... the best we can offer for earlier are notes in our Legacy Downloads page:

FAQ: Where Can I Find Legacy Downloads (Older DotImage Versions)

If you are just looking for a quick "what is new that I need to pay attention to", please see:

INFO: Changes Introduced in 10.7

This is a summation of each fix by version in one place for easy searching. You can use CTRL+F to search for a specific phrase or word.. or just browse them in order from most recent to earliest

Atalasoft Document Imaging SDK 10.7.0.13

v10.7.0.13.0.3777 (10.7, Fix Pack 13) Release Notes

September 20, 2017 Atalasoft General

Problems Resolved in This Fix Pack

- AutoCad stamp annotations cannot be parsed correctly
- [Abbyy] ABBYY Engine properties remain unset during page text analysis
- [OfficeDecoder] Extra empty page appears in output file as some content “moves” to the next page on the document
- [OfficeDecoder] Perceptive Filters rendering some content incorrectly / missing

Atalasoft Document Imaging SDK 10.7.0.12

v10.7.0.12.0.3734 (10.7, Fix Pack 12) Release Notes

August 17, 2017 Atalasoft General

Problems Resolved in This Fix Pack

- Limited Documentation for Atalasoft.dotImage.ISIS properties
- [WDV] Text annotation not respecting align property
- [PdfGeneratedDocument] ADA tags being corrupted when adding TextLayer
- [WDV] Selecting all Annotations in a document causes 'Cannot read property '_index' of null'
- [DotTwain] Cancelling a scan leaves driver in unexpected state with Paperstream driver
- [EZTwain] versions of LibTiff and Zlib used in EZTwain need updating to resolve critical security vulnerabilities
- [EZTwain x64] SystemAccessViolationException when 64 bit version attempts to Open Source

Atalasoft Document Imaging SDK 10.7.0.11

v10.7.0.11.0.3692 (10.7, Fix Pack 11) Release Notes

August 14, 2017 Atalasoft General

Problems Resolved in This Fix Pack

- WDV demo on atalasoft.com displays an error when uploading office documents
- Request to make Stamp annos in WDV scale the text to the size of the annotation
- dotImage library does not support BITMAPV5HEADER
- [OfficeDecoder] Some customer word files losing content on rendering
- [OfficeAdapterDecoder] Disable interactive prompts from Word form fields in runtime
- [WebAnnotationViewer] CancelCreateAnnotation does not cancel drawing operation

Atalasoft Document Imaging SDK 10.7.0.10

v10.7.0.10.0.3644 (10.7, Fix Pack 10) Release Notes

June 7, 2017 Atalasoft General

Problems Resolved in This Fix Pack

- Stoque - Abbyy - Support threading and thread-safety
- [PdfEncoder] PDF/A not using JPEG compression for Grayscale/Color even though PDF/A spec allows
- Document ExtractImages not returning image on some PDFs when image is clearly present
- [API Reference] TiffEncoder.Save return value is undocumented
- Freehand annotations generated with empty points collection
- Running customer PDFs through PdfDocument.Repair destroys multiple pages in the output
- [RawDecoder] Update DCRaw to version 9.27 in 10.7 branch
- [VRS ToT] Scanner does not print ScanControl imprinter setting as expect
- Kofax Web Capture Service secure cert using outdated algorithm
- Certain PDFDocuments very slow to open in Foxit
- Support ADA (508 compliance) for generation of PDFs

Atalasoft Document Imaging SDK 10.7.0.9

v10.7.0.9.0.3502 (10.7, Fix Pack 9) Release Notes

May 5, 2017 Atalasoft General

Problems Resolved in This Fix Pack

- [PdfDocument] Atalasoft.PdfDoc.PdfException - {"non-existent page."} when creating new pdf from subset of pages
- [PdfDocument] PdfDocument.Separate causing some pages to create pdfs that do not open properly in Acrobat Reader

Atalasoft Document Imaging SDK 10.7.0.8

v10.7.0.8.0.3453 (10.7, Fix Pack 8) Release Notes

April 4, 2017 Atalasoft General

Problems Resolved in This Fix Pack

- [PdfDocument] Customer PDF throws exception on save. Repair causes different exception. Unable to save/repair.
- WebDocumentViewer thumbnails cannot be selected in Chrome on certain mobile devices

Atalasoft Document Imaging SDK 10.7.0.7

v10.7.0.7.0.3421 (10.7, Fix Pack 7) Release Notes

February 28, 2017 Atalasoft General

Problems Resolved in This Fix Pack

- [TiffDecoder] Customer images cause TiffDecoder to throw SEHException
- [AdvancedDocClean] LineRemovalCommand throwing uncatchable System.AccessViolationException on some images, crashing the hosting process
- [AbbyyEngine] OcrTableRegion.Cells are not being populated
- WebDocumentViewer getDocumentInfo does not reflect call to removePage

Atalasoft Document Imaging SDK 10.7.0.6

v10.7.0.6.0.3297 (10.7, Fix Pack 6) Release Notes

INFO: 10.7 Full Release Notes

February 1, 2017 Atalasoft General

Problems Resolved in This Fix Pack

- Using Repair on specific PDFs causing exception in latest version
- [MVC] Atalasoft.dotImage.WebControls.MVC missing (both x86 and x64) from NuGet libraries
- [WDV] Async methods may cause console errors during/after browser page refresh
- Multipage PDF pages reference resources from previous pages when saved using PdfDocument.Save
- Invalid PDF property value is causing an exception when saving PDF
- [PdfAnnotationDataExporter] Incorrectly overwrites preceding layers when saving to a specific layer with OverwriteExistingAnnotations = true
- Fairly clean PDF417 barcode doesn't read
- Customer DWG file is missing images when rendered in our DwgDecoder

Atalasoft Document Imaging SDK 10.7.0.5

v10.7.0.5.0.3135 (10.7, Fix Pack 5) Release Notes

January 13, 2017 Atalasoft General

Problems Resolved in This Fix Pack

- WebDocumentViewer calls Response.End which triggers ThreadAbortException
- PdfDocument.Repair for certain malformed links may be removing more than needed to repair
- [PdfTextDocument] Text extraction results missing content when used on some documents

Atalasoft Document Imaging SDK 10.7.0.4

v10.7.0.4.0.2979 (10.7, Fix Pack 4) Release Notes

INFO: 10.7 Full Release Notes

December 2, 2016 Atalasoft General

Problems Resolved in This Fix Pack

- WinForms ThumbnailView/FolderThumbnailView SelectedIndexChanged fires twice when SelectionMode = ThumbnailSelectionMode.MultiSelect
- Customer file throws System.AccessViolationException when RawDecoder is registered
- Tooltip flickers with WinForms AnnotateViewer even with mouse still
- [PdfGeneratedDocument]PdfTextLine ignoring values for FillColor and OutlineColor passed in via constructor
- [PdfDocument] Some PDF files throw StackOverflowException when opened in PdfDocument
- [PdfDocument] OverflowException when opening some PDFs with PdfDocument / PdfAnnotationDataImporter
- PdfAnnotationDataExporter Export/ExportOver single layer overload always saves to first page
- WebDocumentThumbnailer: Scrollbar is not updated correctly when tabular: true set
- Customer reported race condition/non-threadsafe behavior in Logger
- Customer tiffs fail to open with "Colourspace conversion not supported"

Atalasoft Document Imaging SDK 10.7.0.3

v10.7.0.3.0.2788 (10.7, Fix Pack 3) Release Notes

November 8, 2016 Atalasoft General

Problems Resolved in This Fix Pack

- 755266:WDV - Opening non-relative web root paths causes WDV save to fail
- [PdfDocument] Adobe Acrobat is unable to read pdf file without errors if we add the new page into document several times.
- Page rotate returns error when rotating first page on load
- WebDocumentViewer Rotate method only updates if page is visible
- [OfficeDecoder] Office files being rendered at default DPI (96 on most systems) regardless of decoder Resolution setting
- [PdfEncoder] Saving large files (large number of pages) with

PdfCompressionMode.Segmented produces Out of Memory exception
- [BarCodeReader] DataMatrix barcode reading is very slow
- PdfCompressionMode.Segmented forces grayscale images to black and white and this behavior isn't documented
- Customer PDF is damaged by open/save in PdfDocument

Atalasoft Document Imaging SDK 10.7.0.2

v10.7.0.2.0.2694 (10.7, Fix Pack 2) Release Notes

October 7, 2016 Atalasoft General

Problems Resolved in This Fix Pack

- [OfficeDecoder] Some office files rendered with missing content in table headers
- Behavior change in WDV 10.7 with AnnotationStreamWritten event
- WDV regression in loading annotations
- [DotTwain] HP scanners DeviceEvent cause device.State to enter an invalid state
- Barcoding.Reading.BarcodeReader not reading customer codes that it should

Atalasoft Document Imaging SDK 10.7.0.1

v10.7.0.1.0.2625 (10.7, Fix Pack 1) Release Notes

September 8, 2016 Atalasoft General

Problems Resolved in This Fix Pack

- [PdfDocument] Customer PDF Throws PdfException regarding MLPdfLabColorSpace - Repair Says Success, but All Content Missing
- [BarCodeReader] Current BarCodeReader engine fails to read full content of barcode that the older 9.x (Inlite) engine reads
- [BarCodeReader] - Customer images with PDF-417 barcodes that read in other engines

fail to read in our BarCodeReader
- [PdfAnnotationDataExporter] EmbeddedImageAnnotation causing significant file size increase in target PDF
- WDV changes have broken WingScan-only licensing

Atalasoft DotImage Release Notes 10.7.0

August 11, 2016 Atalasoft General

Atalasoft DotImage Release Notes 10.7.0

The release notes give you late-breaking information about Atalasoft DotImage 10.7.0. Please read this document carefully, as it contains information that is not included in other Atalasoft DotImage documentation.

Version Information

The build number for Atalasoft DotImage 10.7.0 is 10.7.0.0.0.2483.

New Features

The following features were added to Atalasoft DotImage in version 10.7.0:

Web Document Viewer Improvements

Client Side Page Operations

Added support to simply perform page operations in Web Document Viewer by calling JavaScript APIs, and to determine if and when the updates made on the client are saved back to the document on the server. Web Document Viewer supports the following Page operations:

- Re-order pages
- Insert page
- Delete pages?

Selectable Text

Added support to select text and copy it to the clipboard in Web Document Viewer for a page that has a text layer, such as a PDF with text, MS Office Document, or an image that has had OCR performed.

Thumbnail Captions

Caption text can be added to a thumbnail in order to provide additional information or context for users.

Annotation Rotation

Added interactive annotation rotation capabilities as well as appropriate JavaScript APIs to perform rotation programmatically.

PDF processing Improvements

PDF processing Improvements

Linearized PDF Generation support

Provide support to generate linearized PDF using the following classes:

- PdfDocument
- PdfGeneratedDocument
- PdfEncoder

A linearized PDF file is a PDF file with a specific structure and additional information that allows display of the first page as quickly as possible before the entire file is downloaded from the Web server.

Support PDF Compression using the Image Segmentation algorithm

The PdfEncoder was updated to support an advanced image segmentation algorithm to split the image into several segments with different color information (text, logo image, etc.) and

compress these segments separately using the best possible algorithm.

Integrating SDK with Visual Studio

NuGet Support

Support for NuGet packages to install DotImage components right from within Visual Studio, eliminating the need for a complete DotImage installation, and streamlining the whole development process.

Activating SDK within Visual Studio

The Activation Wizard was added to be installed as an extension for Visual Studio, so customers could request a trial or generate an Atalasoft DotImage license without complete installation of Atalasoft DotImage SDK.

New Microsoft Office Decoder

Previous versions of the product required Microsoft Office to be installed in order to have an ability to render documents in different office formats. Now, Lexmark Document Filters technology was integrated in the SDK in order to eliminate this requirement.

The new OfficeDecoder class is introduced which is able to render documents in the following office formats:

- Office 97-2003 Document (.doc)
- Office 97-2003 Document Template (.dot)
- Office Open XML Document (.docx)
- Office Open XML Document Template (.dotx)
- Office Word XML Document (.xml)
- Rich Text Format (.rtf)
- Open Document Text Format (.odt)
- Office 97-2003 Spreadsheet (.xls)
- Office 97-2003 Spreadsheet Template (.xlt)
- Office XML Spreadsheet (.xlsx)
- Office XML Spreadsheet Template (.xltx)
- Office PowerPoint formats (.ppt, .pptx)

Support for ABBYY FineReader for OCR/ICR

Added the new Atalasoft.Ocr.Abbyy.AbbyyEngine assembly to provide integration with the ABBYY FineReader OCR and ICR engine.

Support for large TIFF files

Enhanced functionality to have the ability to process large TIFF files up to 4 GB by using the following classes:

- AtalaImage
- ImageCollection (WARNING: very memory intense - use ImageSource based solutions instead)
- ImageCollectionImageSource (WARNING: very memory intense - use ImageSource based solutions instead)
- IndirectionImageSource
- IptcParser
- FileSystemImageSource
- PhotoshopResourceParser
- TiffTag
- TiffTagCollection
- TiffPage
- TiffCodecCompression
- TiffEncoder
- TiffDecoder
- TiffDirectory
- TiffDirectoryCollection
- TiffFile
- TiffDocument
- WebDocumentRequestHandler

Support for multi-user environments by Web Capture Service

Added support for Web Capture Service for MS Terminal Server and Citrix environments to let multiple users work simultaneously with Web Capture Service from different Windows logon sessions and acquire images from scanner or local disk.

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Supported Citrix Environments:

- Citrix XenApp 6.5 and above
- Citrix XenDesktop 6.5 and above

Known Issues

This chapter contains information about potential issues that you may encounter while using Atalasoft DotImage 10.7.0.

Table Layout Grid Incorrect

- The Web Document Thumbnailer (WDT) draws an incorrect table grid if columns/rows are specified but fixed thumbnail size is not specified. (733382) Basically, if requesting n columns, WDT makes n*n columns and thus thumbnail images are too small. This happens because of internal issues when calculating the thumbnail size.
- No Response From the WCS When Using HTTPS
- When using Firefox, there is no response from the WCS when using the HTTPS protocol. This only happens for a new user on a PC. This happens because WCS does not copy certificate to the Firefox repository in this case. (714491)
- WDV Page Rotate Returns Error When Rotating First Page
- If you open a page with the WebDocumentViewer/WebThumbnailViewer and rotate the first page an error is returned:

  "f.Event {type: "error", name: "ResumePageRequestsError", message: "Nothing to resume", timeStamp:1457985073900, jQuery17108313417548779398: true…}" (694948)
  - This is only visible if you bind to the error event, and appears to be largely cosmetic.
- Word Decoder Assembly is No Longer Supported
  - Existing license holders for the Word decoder assembly can continue to use this in 10.7, however new customers can not use this assembly because licenses are no longer offered. (690763)
- Saving *.CR2 File After Rotating Results In Error: "PhotometricInterpretation tag missing error" is displayed when you try to save a *.CR2 file after rotation. (687417)
- [OfficeDecoder] OfficeDecoder.IsValidFormat returns False for Word odt documents even though the format is valid. (673959)

- OfficeDecoder.IsValidFormat Returns False in Document with Japanese Characters
- Certain Word documents with Chinese and or Japanese characters are flagged as having an invalid format by OfficeDecoder.IsValidFormat. (673958)

Data Overlaid in the .ppt File

- Currently, slide shapes are rendered as one layer, and text as a second layer. This prevents shapes from being rendered on top of text, however this also allows text to overlap. (673624)

Resolved Issues

This section contains information about issues that have been resolved in Atalasoft DotImage since the prior release of this product.

Issues Resolved 10.7.0

- [PdfDocument] Customer PDF has errors, throws PdfDoc exception on open - Repair throws
- Customer PDF file throws error on open attempt and is not repaired using Repair functionality. (322859)
- CalloutAnnotation not being read properly by PdfAnnotationDataImporter. (327283)
- Customer document is missing all content when rendered in PdfReader. (585422)
- Customer JPG throws error when attempting to add into a PDF with PDFGeneratedDocument. (556341)
- Customer PDF causes PdfDocument to throw NotImplementedException when saving. (680416)
- Customer PDF files open and save in PdfDocument without error, but when opening resulting PDF in Acrobat Reader. (321918)
- Customer QR Barcodes do not read in 10.6 Barcoding.Reading, but Inlite's online demo and our own 9.0 Inlite reader does. (628537)
- ImageType enum should be deprecated and GetImageInfo.ImageType should also have a note to this effect. (579159)
- PDF Annotation Data Exporter- text annotation behavior. (571773)
- Running this Pdf through PdfRepair and saving causes loss of content. (561788)
- Saving the document twice in PdfDocument causes invalid output. (684672)
- COD 5767 - Customer tiff displays as blank image in our viewer (704598)
- COD 5589 - TIFF related components using signed int32 for pointers - causing 2GiB limit (697563)

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- WingScan service does not support multi-user environments (671791)
- COD 5638 - PsdDecoder throwing exception when attempting to read customer's files (382731)
- PdfTextPage.GetText() throws MemoryAccessException when reading text from pdf page with ligatures (712055)
- FR 5644 - [DotPdf] - Expose additional properties in PdfSignatureInformation (709040)
- FR 5625 - Update the activation wizard to open the evaluation request page if the license service request fails (709003)
- COD 5600 - [TiffDecoder] Rendering Some non-blank pages as blank (700105)
- COD 5596 - [WDV/WDT] large numbers of annotations on page significantly degrades performance / loading (700039)
- Customer PDF throws error on open and repair (695978)
- [WDV][PDF] A blank page appears after saving pdf file in the WDV (695430)
- COD 5510 - [ISIS] - Fujitsu PaperStream driver hangs on close when buffer contains unprocessed scanned images (694828)
- FR 5449 - WDV : Add showEditor() to WDV TextAnnotation objects so that users can invoke it programmatically (694793)
- COD 5478 - [PdfDocument] - Customer PDF throws error on PdfDocument.Save. Repair prevents error but results in loss of content for 2 whole pages (691905)
- NET x64 Jpeg2000 decoder throwing AccessViolationException when reading any Jpeg2000 image (691568)
- COD 5477 - Customer PDF Fails to repair, throws error: "either JS or JSStream must be non- null" (690959)
- [Rotation feature] [IE8] The text annotations do not rotate properly (687591)
- COD 5594 - PdfTextBox Y position is ignored. Always placed at bottom of page in 10.6+ (685516)
- PdfDocument.Save() is changing the color of the text in the last 2 pages of customer's PDF (Pdf looks fine in AcrobatReader and Foxit) (685513)
- COD 5376 - Activation Wizard Request Evaluation sometimes fails to create eval licenses silently (685494)
- [PdfDocument] Customer PDF throws exception upon PdfDocument.Save. Repair doesn't fix. (681688)
- COD 5259 - AdvancedDocClean commands appear to have a memory leak (681532)
- WDV annotation toolbar buttons do not work correctly with mouse in Chrome browser on Windows 8 with Touch enabled (680810)
- Customer PDF displays with missing/incorrect characters (677362)
- Customer TIFF with QR Code - Code reads in 10.3.0.58346 and earlier, does not read in 10.3.1.59125 and newer (677240)
- OCR TextTranslator output places all text on a few lines when the input document is rotated 270 (677238)

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- Customer JPG throws error when attempting to add into a PDF with PDFGeneratedDocument (677230)
- Customer document has two QR codes, one will read when thresholded with SimpleThreshold the other with DynamicThreshold (677228)
- PdfDocument.Repair labels fixes in customer file as "minor" but results in entire pages being blank (677215)
- "Unable to locate cross reference table" error when loading a PDF document (677015)
- [WDV] The annotations are not selectable (676028)
- COD 5221 - WebDocumentViewer regression, DragDrop no longer updates pages (674767)
- COD 5214 - DotPDF regression, can no longer visually update PDF Form fields (674113)
- COD 5213 - [PdfDocument] Customer pdf throws error when opening in PdfDocument - PdfDocument.Repair is unable to fix it (672606)
- AutoColorCommand throws "Value of '-114' is not valid for 'red'" ArgumentException on two images (670829)
- SDK installer fails if NET 2.0 is not installed (669249)
- COD 5137 - PdfDocumentSigner does not return signature from customer's signed PDF (669149)
- PdfTextpage.GetTextInBox() returns no text - even when given a valid box with text (667136)
- COD 5092 - [WDT] - REGRESSION - Fast Scrolling in WDT causing large number of requests - fix from 562652 may have been regressed (665129)
- OfficeAdapterDecoder: Trying to open any Excel 2013 xlsx with Excel 2013 installed throws ArgumentOutOfRangeException (662503)
- COD 5015 - Customer RAW file does not render correctly with DotImage, but is supported by latest version of DCRAW (657219)
- FR 4998 - [WDV] Add Mouse Tool type zooming similar to WAVWIV MouseToolType.ZoomArea (657206)
- COD 5045 - [WDT] thumbnail overlap in certain conditions when using IE8 (656878)
- COD 4800 - [WDT] scrolling in Chrome has incorrect behavior under certain circumstances (649408)
- COD 4800 - WDV Toolbar's page num / total display is not updating on openUrl under some circumstances (649407)
- COD 4800 - [WDV] FitToWidth acting incorrectly when forcepagefit: true under some conditions (649406)
- COD 5235 - [PdfDecoder] Customer PDF with embedded annotations - annotations not rendering correctly (649102)
- FR 4961 - Customer requests we support Address Space Layout Randomization (ASLR) in DotImage dlls (643713)
- COD 5015 - RawDecoder not correctly reading customer .cr2 files ... DCRaw 9.26 reads

correctly - need to update our RawDecoder (627331)
- COD 5321 - Annotations in WebAnnotationViewer translate inexplicably depending on rotation angle (280878)

Original Article

Q10451 - INFO: 10.7 Full Release Notes

Last Update

2026-10-05 - TD - (minor spacing issues)

Atalasoft Knowledge Base
https://www.atalasoft.com/kb2/KB/50050/INFO-107-Full-Release-Notes