🔵 Feature available in both Standard and Professional Editions.

🟣 Feature available in Professional Edition only.

Note that some features are only available via the .NET interfaces.

Feature	ABCpdf 7	ABCpdf 8	ABCpdf 9	ABCpdf 10	ABCpdf 11	ABCpdf 12	ABCpdf 13
Designed for .NET / ASP.NET / C#							
Native Support for .NET Platform	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Legacy Support for VB & Classic ASP	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Designed for Blazing Performance in High Stress Multithreaded Environments	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Cross Platform Windows and Linux							🔵
Support for Windows XP / 2003	🔵	🔵	🔵	🔵	🔵		
Support for Windows Vista / 2008	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Support for Windows 7 / 2008 R2	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Support for Windows 8 / 2012 R2			🔵	🔵	🔵	🔵	🔵
Support for Windows 10				🔵	🔵	🔵	🔵
Support for Windows 11						🔵	🔵
Support for Windows Server 2016				🔵	🔵	🔵	🔵
Support for Windows Server 2019					🔵	🔵	🔵
Support for Windows Server 2022						🔵	🔵
Support for Linux							🔵
Support for IE8	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Support for IE9		🔵	🔵	🔵	🔵	🔵	🔵
Support for IE10			🔵	🔵	🔵	🔵	🔵
Support for IE11			🔵	🔵	🔵	🔵	🔵
Native 64 Bit Support for .NET	🟣	🟣	🟣	🟣	🟣	🟣	🟣
Native 64 Bit Support for VB / ASP / COM	🟣	🟣	🟣	🟣	🟣	🟣	🟣
Deploy Joint x86/x64 Installations		🟣	🟣	🟣	🟣	🟣	🟣
Built for .NET 2.0	🔵	🔵					
Built for .NET 4.0			🔵	🔵	🔵	🔵	🔵
Built for .NET 5.0						🔵	🔵
Built for .NET 6.0						🔵	🔵
Built for .NET 7.0						🔵	🔵
Built for .NET 8.0							🔵
NuGet Package covering .NET 4, .NET 5, .NET 6, .NET 7 and .NET 8.0						🔵	🔵
Individual NuGet Package for .NET Core					🔵		
Individual NuGet Package for .NET Standard					🔵		
100% PDF Compatible							
ABCpdf is constantly being updated to support newer versions of the PDF specification. You won't be left behind with ABCpdf.							
Acrobat 2 [PDF 1.1] Compatible	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Acrobat 3 [PDF 1.2] Compatible	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Acrobat 4 [PDF 1.3] Compatible	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Acrobat 5 [PDF 1.4] Compatible	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Acrobat 6 [PDF 1.5] Compatible	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Acrobat 7 [PDF 1.6] Compatible	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Acrobat 8 [PDF 1.7] Compatible	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Acrobat 9 Compatible	🔵	🔵	🔵	🔵	🔵	🔵	🔵
Acrobat X Compatible		🔵	🔵	🔵	🔵	🔵	🔵
Acrobat XI Compatible			🔵	🔵	🔵	🔵	🔵
Acrobat DC 2016 Compatible				🔵	🔵	🔵	🔵
Acrobat DC 2020 Compatible						🔵	🔵
PDF 2.0 - ISO 32000-2:2017 Compatible					🔵	🔵	🔵
PDF 2.0 - ISO 32000-2:2020 Compatible						🔵	🔵

Auto-fix Corrupt PDFs	●	●	●	●	●	●	●
Validate and Rebuild Corrupt PDFs			●	●	●	●	●
GigaPDF™ Extremely Large Document Support			●	●	●	●	●
Read PDF Portfolios / Collections				●	●	●	●
Create, Edit & Save PDF Portfolios / Collections				●	●	●	●
Create 3D PDFs by importing existing 3D data					●	●	●
Document Level Operations							
Some of these operations are very similar. For example an Append and a Merge operation are essentially the same In the documentation we refer only to the Append method. All these operations are easy using ABCpdf but the precise method you use to accomplish them may vary depending on what you are trying to achieve.							
Read Documents	●	●	●	●	●	●	●
Modify Documents	●	●	●	●	●	●	●
Append / Stitch / Merge Documents	●	●	●	●	●	●	●
Draw Between Documents	●	●	●	●	●	●	●
Draw Between Documents - Accelerated Processing					●	●	●
Delete Pages	●	●	●	●	●	●	●
Import / Extract Pages	●	●	●	●	●	●	●
Save to Disk	●	●	●	●	●	●	●
Save to Memory	●	●	●	●	●	●	●
Stream to Browser	●	●	●	●	●	●	●
Shuffle / Remap Pages	●	●	●	●	●	●	●
Linearization / Fast Web View	●	●	●	●	●	●	●
Tagged PDF	●	●	●	●	●	●	●
Incremental Update	●	●	●	●	●	●	●
Refactor on Save	●	●	●	●	●	●	●
Change Color Space of Document		●	●	●	●	●	●
Recolor Document with Rendering Intent				●	●	●	●
Convert any document to PDF/A			●	●	●	●	●
Validate any document for PDF/A Conformance			●	●	●	●	●
Support for PDF/A Part 1 Level A and B			●	●	●	●	●
Support for PDF/A Part 2 Level A, B and U					●	●	●
Transparency Flattening			●	●	●	●	●
Improved Transparency Flattening				●	●	●	●
PDF Size Optimization and Reduction			●	●	●	●	●
PDF Size Optimization and Reduction - Enhanced							●
Tag any document for accessibility			●	●	●	●	●
Improved accessibility tagging				●	●	●	●
Accessibility tagging table support					●	●	●
Accessibility tagging list (eg bullet point) support					●	●	●
Accessibility tagging page header support					●	●	●
Accessibility tagging page footer support					●	●	●
Accessibility tagging document outline structure support					●	●	●
Accessibility tagging custom structure support					●	●	●
Document tagging analysis and modification classes							●
Image Placement Analysis and Extraction			●	●	●	●	●
Image Placement Analysis and Extraction - Double Speed							●
Text Location, Selection and Extraction			●	●	●	●	●
Improved Text Location, Selection and Extraction				●	●	●	●
Incremental Update Revision History			●	●	●	●	●
Incremental Update Revision Extraction							●
Incremental Update Reversion			●	●	●	●	●
Image De-inlining			●	●	●	●	●
Cloud Vision Optical Character Recognition (OCR)							●
Cloud Vision Image Analysis and Description							●
Text Support							

ABCpdf supports an extremely wide range of text formatting options from simple options like bold or italic synthesized typefaces to advanced features like text rise and tracking. We keep these easy to use via HTML Styled Text which allows you to specify your styles simply and easily using HTML style coding.

Multistyled Text Support	●	●	●	●	●	●	●
HTML Styled Text Support	●	●	●	●	●	●	●
Internal Hyperlink Support	●	●	●	●	●	●	●
External Hyperlink Support	●	●	●	●	●	●	●
Full Unicode Support	●	●	●	●	●	●	●
Horizontal or Vertical Layout for CJK	●	●	●	●	●	●	●
Bidirectional Layout for Hebrew & Arabic	●	●	●	●	●	●	●
Contextual Ligatures for Arabic				●	●	●	●
Automatic Typographic Ligature Substitution				●	●	●	●
Itemized Lists [eg bullet points]	●	●	●	●	●	●	●
Text Flow Between Pages	●	●	●	●	●	●	●
Text Flow Between Columns	●	●	●	●	●	●	●
Text Flow Around Variable Shapes Like Images				●	●	●	●
Draw Text on a Curve				●	●	●	●
Tracking	●	●	●	●	●	●	●
Kerning				●	●	●	●
Alignment	●	●	●	●	●	●	●
Justification	●	●	●	●	●	●	●
Line Spacing	●	●	●	●	●	●	●
Line Break Rules	●	●	●	●	●	●	●
Text Annotations	●	●	●	●	●	●	●
Precise Control over PDF Text Operators	●	●	●	●	●	●	●
Leaders for Tables of Contents				●	●	●	●
Autoscale Text to fit an Area				●	●	●	●
Measure Length of Text				●	●	●	●
Get Itemized Layout Information for Multistyled Text				●	●	●	●

Raster Image Support

ABCpdf allows you to import an unparalleled range of raster image formats. Most importantly it allows you to import them properly color corrected in their native color spaces. Very few other PDF libraries allow either of these functions and none will allow you the same flexibility of import options.

JPEG	●	●	●	●	●	●	●
TIFF	●	●	●	●	●	●	●
GIF	●	●	●	●	●	●	●
PNG	●	●	●	●	●	●	●
BMP	●	●	●	●	●	●	●
EXIF	●	●	●	●	●	●	●
EMF	●	●	●	●	●	●	●
WMF	●	●	●	●	●	●	●
JPEG 2000 [.jp2 or .jpx]	●	●	●	●	●	●	●
Photoshop PSD				●	●	●	●
Photoshop PSB Large Document Format				●	●	●	●
High Efficiency Image File Format (HEIF)						●	●
WebP						●	●
RAW Formats - .3fr, .ari, .arw, .bay, .cap, .cr2, .cr3, etc						●	●
DirectDraw Surface (DDS)						●	●
Windows Media Photo (JPEG XR - JPEG extended range)						●	●
Multiple Frame Support [eg for Fax TIFF]	●	●	●	●	●	●	●
Watermarking	●	●	●	●	●	●	●
Transparent Masks	●	●	●	●	●	●	●
Alpha Channels	●	●	●	●	●	●	●
ICC Colorspaces	●	●	●	●	●	●	●
Import in Native Color Space [RGB, CMYK, Grayscale, B&W or Lab]	●	●	●	●	●	●	●
Import at PDF Native Depths [1, 8 and 16 bits per component]				●	●	●	●

Import HDR [High Dynamic Range] 32 bit Images				●	●	●	●
Multi-format, multi-frame TIFF import			●	●	●	●	●
Non-standard JPEG-in-TIFF import			●	●	●	●	●
Dedicated TFF import module for enhanced reliability				●	●	●	●
Auto-Rotated TIFF import				●	●	●	●
Photoshop Layer Support				●	●	●	●
Photoshop Multichannel and Spot Color Space Support				●	●	●	●
JPEG 2000 export in 8 and 16 bit depth	●	●	●	●	●	●	●
JPEG 2000 export in 1, 2 and 3 bit depth							●
Native import modules for PNG, GIF, JPEG and BMP							●
PNG import module supporting all native depths and color spaces							●
BMP export module supporting native depths, color spaces, palettes, compression and ICC profiles							●
JPEG 2000 tag extraction							●
TIFF tag extraction							●
Vector Image Support							
ABCpdf allows you to import highly complex formats like vector EPS and XPS. Most importantly it does things properly ensuring that the vector representation is preserved when the source document is converted. Very few other PDF libraries allow either of these functions and none will allow you the same flexibility of import options.							
True Vector Import	●	●	●	●	●	●	●
RTF / Rich Text Format				●	●	●	●
PostScript	●	●	●	●	●	●	●
EPS / EPSF	●	●	●	●	●	●	●
XPS / XML Paper Specification	●	●	●	●	●	●	●
WPF / Windows Presentation Foundation / Silverlight	●	●	●	●	●	●	●
SWF / Flash	●	●	●	●	●	●	●
SWF / Flash [rasterization only]	●	●	●	●	●	●	●
SVG / Scalable Vector Graphics	●	●	●	●	●	●	●
Preserves Color Spaces [where possible]	●	●	●	●	●	●	●
Preserves Fonts [where possible]	●	●	●	●	●	●	●
Graphics Support							
ABCpdf gives you simple one-line methods for common graphics operations. However it doesn't restrict you. The entire gamut of PDF operators is available using ABCpdf.							
Rectangles	●	●	●	●	●	●	●
Rounded Rectangles	●	●	●	●	●	●	●
Circles	●	●	●	●	●	●	●
Ovals	●	●	●	●	●	●	●
Lines	●	●	●	●	●	●	●
Arrows and Line Endings					●	●	●
Pie Slices	●	●	●	●	●	●	●
Polygons	●	●	●	●	●	●	●
Custom Operators [Bezier Curves, Paths etc]	●	●	●	●	●	●	●
Form XObjects				●	●	●	●
RGB Graphics	●	●	●	●	●	●	●
CMYK Graphics	●	●	●	●	●	●	●
Grayscale Graphics	●	●	●	●	●	●	●
Spot Color Graphics	●	●	●	●	●	●	●
ICC Based Colorspace Graphics	●	●	●	●	●	●	●
Lab Graphics				●	●	●	●
Calibrated RGB Graphics				●	●	●	●
Calibrated Grayscale Graphics				●	●	●	●
Multichannel Graphics				●	●	●	●
Pattern Graphics				●	●	●	●
Transparent Graphics	●	●	●	●	●	●	●
Advanced Graphics Classes	●	●	●	●	●	●	●

Graphics Effect Support							
ABCpdf contains a host of image effects for common graphics operations. These allow you to process your images for optimal presentation and achieve styles such as drop shadows.							
Autolevels Effect				●	●	●	●
Brightness Effect				●	●	●	●
Contrast Effect				●	●	●	●
Convolution Effect				●	●	●	●
Despeckle Effect				●	●	●	●
Equalize Effect				●	●	●	●
Gaussian Blur Effect				●	●	●	●
Histogram Effect				●	●	●	●
Laplacian Effect				●	●	●	●
Levels Effect				●	●	●	●
Median Effect				●	●	●	●
Pinch Effect				●	●	●	●
Ripple Effect				●	●	●	●
Sharpen Effect				●	●	●	●
Twirl Effect				●	●	●	●
Unsharp Mask Effect				●	●	●	●
Wave Effect				●	●	●	●
HTML Support							
ABCpdf is the only product we are aware of which fully supports HTML/CSS placed content.							
Full Support for HTML	●	●	●	●	●	●	●
Full Support for CSS	●	●	●	●	●	●	●
Place Content Anywhere on the Page	●	●	●	●	●	●	●
Render Local Web Pages	●	●	●	●	●	●	●
Render Remote Web Pages	●	●	●	●	●	●	●
Flow HTML Over Multiple PDF Pages	●	●	●	●	●	●	●
Support CSS page break tags	●	●	●	●	●	●	●
Live Hyperlinks	●	●	●	●	●	●	●
Live Form Fields	●	●	●	●	●	●	●
Live Movies (eg Flash, AVI, MPEG, WMV)	●	●	●	●	●	●	●
Parameter Driven Movies (eg Flash Charts)	●	●	●	●	●	●	●
Flash Vector Import	●	●	●	●	●	●	●
Custom Tagged Content	●	●	●	●	●	●	●
Access to raw HTML Pages via Callbacks	●	●	●	●	●	●	●
Control over Font Substitution and Embedding	●	●	●	●	●	●	●
Control over Authenticated Access	●	●	●	●	●	●	●
KiloPage™ Large Document Optimizations	●	●	●	●	●	●	●
MHT Support	●	●	●	●	●	●	●
MSHTML Rendering Engine		●	●	●	●	●	●
Gecko 4.0 Rendering Engine		●					
Gecko 21 Rendering Engine			●				
Gecko 38 Rendering Engine				●	●	●	●
ABCWebKit Rendering Engine (x64 only)						●	●
ABCChrome 65 Rendering Engine (x64 only)					●	●	●
ABCChrome 86 Rendering Engine (x64 only)						●	●
ABCChrome 117 Rendering Engine (x64 only)							●
ABCChrome Double Speed Conversion							●
Web Font Support					●	●	●
FontAwesome Support					●	●	●
FireShield™ HTML Security Layer					●	●	●
FireShield™ Enhanced Security Layer							●
FireShield™ File Path Rules						●	●

FireShield™ Network IP Rules							●
FireShield™ File Rewrite Rules							●
Automatic AJAX Support					●	●	●
THEAD and TFOOT repeated headers		●	●	●	●	●	●
Screen and print media selection		●	●	●	●	●	●
Embedded SVG		●	●	●	●	●	●
Supports the majority of the SVG Full profile		●	●	●	●	●	●
HTML5 and CSS3 standards		●	●	●	●	●	●
XML pages with XSLT and MathML		●	●	●	●	●	●
Direct image addition avoiding recompression			●	●	●	●	●
BaseURI for Local References						●	●
Document Support							
ABCpdf can read a variety of document formats when helper applications like OpenOffice.org are installed . OpenOffice.org is freely distributed under the LGPL (GNU Lesser General Public License).							
Microsoft Word [.doc]	●	●	●	●	●	●	●
Microsoft Excel [.xls]	●	●	●	●	●	●	●
Microsoft PowerPoint [.ppt]	●	●	●	●	●	●	●
Microsoft InfoPath [.xsn]	●	●	●	●	●	●	●
Microsoft OneNote [.one]	●	●	●	●	●	●	●
Microsoft Project [.mpp]	●	●	●	●	●	●	●
Microsoft Publisher [.pub]	●	●	●	●	●	●	●
Rich Text Format [.rtf] (via helper application)	●	●	●	●	●	●	●
Rich Text Format [.rtf] (native support)				●	●	●	●
WordPerfect [.wpd]	●	●	●	●	●	●	●
Lotus 1-2-3 [.wk1]	●	●	●	●	●	●	●
Microsoft AutoCAD [.dxf]	●	●	●	●	●	●	●
All Formats Supported by Helper Applications	●	●	●	●	●	●	●
Can use OpenOffice.org	●	●	●	●	●	●	●
Can use MS Office 2007 [with MS Word's PDF export add-in]		●	●	●	●	●	●
Can use MS Office 2010		●	●	●	●	●	●
Can use MS Office 2013			●	●	●	●	●
Can use MS Office 2016				●	●	●	●
Can use MS Office 2019						●	●
Can use MS Office 2021						●	●
Can use WordGlue 1.0		●	●	●	●	●	●
Can use WordGlue 2.0			●	●	●	●	●
Can use other Applications	●	●	●	●	●	●	●
OpenOffice.org Custom Parameters	●	●	●	●	●	●	●
Import Bookmarks		●	●	●	●	●	●
Import Forms and Fields		●	●	●	●	●	●
Font Support							
ABCpdf operates a blazingly fast font sub-setting routine.							
Base 14 Fonts	●	●	●	●	●	●	●
TrueType Fonts	●	●	●	●	●	●	●
OpenType Fonts	●	●	●	●	●	●	●
Type 1 Fonts	●	●	●	●	●	●	●
Dynamic Loading of Fonts	●	●	●	●	●	●	●
Dynamic Unloading of Fonts		●	●	●	●	●	●
TrueType & OpenType Font Subsetting	●	●	●	●	●	●	●
CFF Font Subsetting				●	●	●	●
Font Metrics	●	●	●	●	●	●	●
Enhanced Font Metrics I			●	●	●	●	●
Enhanced Font Metrics II				●	●	●	●
Standard Text Encoding			●	●	●	●	●

Complex Text Encoding				●	●	●	●
Complex Text Decoding				●	●	●	●
Font Extraction			●	●	●	●	●
Font Resubsetting			●	●	●	●	●
Font Unembedding			●	●	●	●	●
Font Reembedding			●	●	●	●	●
Easy Font Reembedding				●	●	●	●
Page Layout							
The documentation contains examples for the following common types of page layout.							
Page Numbers	●	●	●	●	●	●	●
Headers and Footers	●	●	●	●	●	●	●
Content in Columns	●	●	●	●	●	●	●
Content in Tables	●	●	●	●	●	●	●
Complex Optimized Tables [Enhanced for .NET]	●	●	●	●	●	●	●
System.Drawing Code	●	●	●	●	●	●	●
WPF Code	●	●	●	●	●	●	●
Treat Documents as Images	●	●	●	●	●	●	●
Treat Images as Documents	●	●	●	●	●	●	●
eForms and Annotations							
eForms provide a useful method of locating content on the page. Typically a template is prepared and fields are used as placeholders for the location of dynamic content.							
Change Values of Fields	●	●	●	●	●	●	●
Stamp Fields into Document	●	●	●	●	●	●	●
Stamp Annotations into Document				●	●	●	●
Use Fields as Placeholders	●	●	●	●	●	●	●
On Demand Generation of Field Appearances	●	●	●	●	●	●	●
Improved Generation of Field Appearances	●	●	●	●	●	●	●
Generation of Annotation Appearances	●	●	●	●	●	●	●
Comb Field Support	●	●	●	●	●	●	●
Enhanced Complex Script and Unusual Character Support	●	●	●	●	●	●	●
Digital Signature Support	●	●	●	●	●	●	●
Dynamic creation of Checkbox Fields						●	●
Dynamic creation of Combo Box Fields						●	●
Dynamic creation of List Box Fields						●	●
Dynamic creation of Text Fields						●	●
Dynamic creation of Radio Button Groups						●	●
Dynamic creation of Button Fields						●	●
Dynamic creation of Signature Fields						●	●
Move Fields on Page				●	●	●	●
Move Fields Between Pages				●	●	●	●
Get amid Set Field Font & Size				●	●	●	●
Get and Set Field Text Color				●	●	●	●
Get and Set Field Text Alignment & Kerning				●	●	●	●
Get and Set Field Flags				●	●	●	●
Access and Manipulate Field Default Appearance				●	●	●	●
Find all Annotations for a Field				●	●	●	●
Get and Set Annotation Styles such as Border and Background				●	●	●	●
Get and Set Annotation Rotation				●	●	●	●
Get and Set Annotation Flags such as Hidden and Print				●	●	●	●
Acrobat JavaScript field calculations					●	●	●
Acrobat JavaScript function calls						●	●
Acrobat JavaScript delegate callbacks						●	●
Acrobat 3D Annotation Support					●	●	●
Dynamic creation of Circle Annotations						●	●

Dynamic creation of 3D Annotations						●	●
Dynamic creation of File Attachment Annotations						●	●
Dynamic creation of Free Text Annotations						●	●
Dynamic creation of Ink Annotations						●	●
Dynamic creation of Line Annotations						●	●
Dynamic creation of Link Annotations						●	●
Dynamic creation of Polygon Annotations						●	●
Dynamic creation of Polyline Annotations						●	●
Dynamic creation of Popup Annotations						●	●
Dynamic creation of Rich Media Annotations						●	●
Dynamic creation of Screen Annotations						●	●
Dynamic creation of Square Annotations						●	●
Dynamic creation of Stamp Annotations						●	●
Dynamic creation of Text Markup Annotations						●	●
Rendering / Display / Rasterization							
ABCpdf allows you to export or rasterize PDF documents for output in a variety of image formats, for print or for display on screen.							
Render to File or Stream	●	●	●	●	●	●	●
Render to Memory	●	●	●	●	●	●	●
Render Direct to Screen	●	●	●	●	●	●	●
Print PDF	●	●	●	●	●	●	●
Optimized Printing Code					●	●	●
Output calibrated against the Ghent PDF Output Suite						●	●
Enhanced Complex Script and Unusual Character Support	●	●	●	●	●	●	●
Render to TIFF	●	●	●	●	●	●	●
Render to JPEG	●	●	●	●	●	●	●
Render to Progressive JPEG					●	●	●
Render to JPEG 2000 [.jp2 or .jpx]	●	●	●	●	●	●	●
Render to GIF	●	●	●	●	●	●	●
Render to PNG	●	●	●	●	●	●	●
Render to BMP	●	●	●	●	●	●	●
Render to High Efficiency Image File Format - HEIF						●	●
Render to WebP						●	●
Render to DirectDraw Surface - DDS						●	●
Render to Windows Media Photo (JPEG XR - JPEG extended range)						●	●
Render to Vector EMF	●	●	●	●	●	●	●
Render to Vector EPS or PostScript [Grayscale, RGB or CMYK]	●	●	●	●	●	●	●
Render to Vector EPS or PostScript [RGB only]	●	●	●	●	●	●	●
Render to Vector SWF / Flash	●	●	●	●	●	●	●
Render to Vector XPS [.NET 3.x]	●	●	●	●	●	●	●
Render to Vector SVG	●	●	●	●	●	●	●
Export to HTML		●	●	●	●	●	●
Export to DOCX		●	●	●	●	●	●
Export to WebGL					●	●	●
Export to 3D OBJ					●	●	●
GIF Adaptive Palette		●	●	●	●	●	●
GIF and PNG Custom Palettes					●	●	●
True 8 bit Grayscale PNG access		●	●	●	●	●	●
True RGB PNG with optional Alpha Transparency		●	●	●	●	●	●
True 16 bit Grayscale PNG access					●	●	●
Tiny Indexed RGB PNG with optional Alpha Transparency					●	●	●
Full PDF Transparency Support	●	●	●	●	●	●	●
Full eForm Support	●	●	●	●	●	●	●
Support for Native Color Spaces [RGB, CMYK, Grayscale, or Lab]	●	●	●	●	●	●	●

Support for Named Separation or Spot Color Output	●	●	●	●	●	●	●
Support for Alpha Transparency Output	●	●	●	●	●	●	●
Support for Page Backdrop Color						●	●
Support for Device Color Spaces	●	●	●	●	●	●	●
Support for ICC or Calibrated Color Spaces	●	●	●	●	●	●	●
Fully Calibrated Output in any Color Space	●	●	●	●	●	●	●
Control over Rendering Area of Interest	●	●	●	●	●	●	●
Control over Rendering Resolution	●	●	●	●	●	●	●
Different Horizontal and Vertical Resolutions	●	●	●	●	●	●	●
Multipaged Output [eg for TIFF]	●	●	●	●	●	●	●
Control over Compression [eg for CCITT TIFF]	●	●	●	●	●	●	●
1 bit per component [eg B&W] output	●	●	●	●	●	●	●
8 bit per component [eg 32 bit CMYK] output	●	●	●	●	●	●	●
16 bit per component [eg 48 bit RGB] output	●	●	●	●	●	●	●
Custom Halftone Support	●	●	●	●	●	●	●
Font Substitution and Warnings Report	●	●	●	●	●	●	●
Metadata Output [eg for TIFF]			●	●	●	●	●
Higher Quality Line Stroking				●	●	●	●
Higher Quality Antialiased Clipping				●	●	●	●
U3D (Universal 3D) Rendering				●	●	●	●
PRC (Product Representation Compact) 3D Rendering					●	●	●
Windows Forms control for interactive 3D Rendering and Manipulation					●	●	●
Page and Document Settings							
ABCpdf allows you to use a variety of page sizes and orientations. It also allows access to advanced page metrics such as the CropBox and ArtBox.							
Page Size	●	●	●	●	●	●	●
Page Orientation	●	●	●	●	●	●	●
Page View Mode	●	●	●	●	●	●	●
Read Document Information	●	●	●	●	●	●	●
Insert Document Information	●	●	●	●	●	●	●
Support Custom Information Fields	●	●	●	●	●	●	●
Support Bookmarks	●	●	●	●	●	●	●
Enhanced Bookmark Support	●	●	●	●	●	●	●
Text Extraction	●	●	●	●	●	●	●
SVG Extraction	●	●	●	●	●	●	●
SVG+ Extraction	●	●	●	●	●	●	●
Get Page Content as Graphics Objects	●	●	●	●	●	●	●
Advanced Page Size Metrics				●	●	●	●
Access & Create Page Thumbnails				●	●	●	●
Convert Page to Form XObject				●	●	●	●
Easy Access to Page Content Stream							●
Fast Deconstruction of Page Content Stream				●	●	●	●
Find Operators in Page Content Stream				●	●	●	●
Get Operator Parameters in Page Content Stream				●	●	●	●
Modify and Reassemble Page Content Stream				●	●	●	●
Content Stream Aggregation and Collection					●	●	●
Find all the colors used on a page					●	●	●
Simple Optimized Scanning of Content Streams						●	●
Simple Optimized Access to Resources Referenced by Content Streams						●	●
Simple Optimized Maintenance of Graphics State in Content Streams						●	●
Simple Optimized Access to Atomic Values in Content Streams						●	●
Simple Optimized Access to Atomic Values in Content Streams - Enhanced							●

More Efficient Access to Compressed Stream Data							●
Virtual Page Operation for 'offscreen' Drawing						●	●
Encryption and Signatures							
ABCpdf fully supports encryption within the legal framework set down by Adobe.							
Support 40 bit keys	●	●	●	●	●	●	●
Support 128 bit keys	●	●	●	●	●	●	●
Advanced Encryption Standard (AES) 128-bit	●	●	●	●	●	●	●
Advanced Encryption Standard (AES) 256-bit		●	●	●	●	●	●
Advanced Encryption Standard (AES) Revision 5				●	●	●	●
Encrypt Documents	●	●	●	●	●	●	●
Decrypt Documents	●	●	●	●	●	●	●
Read Document Permissions	●	●	●	●	●	●	●
Apply Document Permissions	●	●	●	●	●	●	●
Apply Password Protection	●	●	●	●	●	●	●
Creation of Signed Documents	●	●	●	●	●	●	●
Validation of Signed Documents	●	●	●	●	●	●	●
Creation of Sequentially Signed Documents	●	●	●	●	●	●	●
Time Stamping Service Interface		●	●	●	●	●	●
Incremental Signing		●	●	●	●	●	●
Incremental Signature Validation			●	●	●	●	●
Signature Trust Level			●	●	●	●	●
Long Term Validation (LTV) & Long Term Archival (LTA)					●	●	●
PAdES Support					●	●	●
Hardware Security Module (HSM) Support					●	●	●
Enhanced Digital Signature Support						●	●
Enhanced Validation Information						●	●
Add Digital Timestamps						●	●
Lock Document after Signing						●	●
Make Document Certification Signatures						●	●
Revocation policy for Long Term Validation (LTV) analysis							●
Flexible options for external signing delegates							●
Flexible options for Certification signatures							●
Other							
You can never be boxed into a corner with low level access to the raw PDF objects. ABCpdf - unlimited flexibility.							
Low level access to PDF objects	●	●	●	●	●	●	●
Structured access to PDF native Elements					●	●	●
300+ Element classes covering PDF 1.0 to PDF 2.0 Specification					●	●	●
Intellisense for each Element linking directly to the PDF Specification					●	●	●
Variable Level Floating Point Precision						●	●
Decompress any Stream	●	●	●	●	●	●	●
Compress Streams using Flate	●	●	●	●	●	●	●
Compress Streams using JPEG	●	●	●	●	●	●	●
Compress Streams using JPEG 2000	●	●	●	●	●	●	●
Compress Streams using CCITT	●	●	●	●	●	●	●
Compress Streams using ASCII 85		●	●	●	●	●	●
Compress Streams using ASCII Hex		●	●	●	●	●	●
Compress Streams using Run Length		●	●	●	●	●	●
Resize PDF Images	●	●	●	●	●	●	●
Resample PDF Images	●	●	●	●	●	●	●
Flip PDF Images				●	●	●	●
Rotate PDF Images				●	●	●	●
Access PDF Image Mask, Soft Mask or Matte				●	●	●	●
Save PDF Image in Native Format				●	●	●	●
Change Color Space of PDF Images	●	●	●	●	●	●	●
Change Color Space of PDF Content	●	●	●	●	●	●	●
Enhanced debug view for easier development			●	●	●	●	●