XFINIUM.PDF TOOLKIT

Supports .NET 2.0 - 4.7, Windows Forms, ASP.NET, Mono, WPF, Silverlight, Windows Store, Windows Phone, Xamarin iOS and Android, Portable Class Library, Universal Windows Platform, .NET Core

Cross-platform PDF development

Per developer licensing with royalty free distribution

License starts at **US$299**

I just wanted to let you know that I think you have a great product. I've found your product very easy to use, which led me to purchase your cross-platform edition even though I already

XFINIUM.PDF TOOLKIT

XFINIUM.PDF library features a wide range of capabilities, both for the beginner and the advanced PDF developer. Whether you need to create a simple report, fill a PDF form, build a PDF portfolio, redact sensitive information from PDF file or convert a PDF file to a multipage TIFF image, XFINIUM.PDF library is here to help.
The complete list of features is available below.
If you are looking a feature that is not listed, feel free to contact us and we'll help.

XFINIUM.PDF FEATURES	Standard Edition	Professional Edition
SUPPORTED PLATFORMS		
• .NET 2.0 to .NET 4.7	Yes	Yes
• Windows Forms	Yes	Yes
• ASP.NET Webforms and MVC	Yes	Yes
• Console applications	Yes	Yes
• Windows services	Yes	Yes

owned a competing .net PDF library.

Jon Lipsky - ELEVENWORKS
the author of TouchDraw

• Mono	Yes	Yes
• WPF 4.x	Yes	Yes
• Silverlight 5	Yes	Yes
• WinRT (Windows Store applications)	Yes	Yes
• Windows Phone 8 & 8.1 (WinRT)	Yes	Yes
• Xamarin.iOS (Classic & Unified)	Yes	Yes
• Xamarin.Android	Yes	Yes
• Xamarin.Forms	Yes	Yes
• Portable Class Library	Yes	Yes
• Universal Windows Platform	Yes	Yes
• .NET Core	Yes	Yes

DOCUMENT FEATURES

• Create and load PDF documents from files and streams	Yes	Yes
• Grid layout and/or flow layout modes	Yes	Yes
• Save PDF files in PDF/A-1B, PDF/A-2 B/U, PDF/A-3 B/U format	Yes	Yes
• Save PDF files to disk and streams	Yes	Yes
• Document information and custom properties	Yes	Yes
• Document viewer preferences and display modes	Yes	Yes
• XMP metadata	Yes	Yes
• Document file attachments	Yes	Yes
• Document level Javascripts and actions	Yes	Yes
• Document outline (bookmarks)	Yes	Yes
• Create CAD and geospatial enabled PDF files	Yes	Yes
• Add, remove and read Bates numbers	Yes	Yes
• Add and remove PDF pages	Yes	Yes
• Page boxes - media box, crop box, art box, trim box and bleed box	Yes	Yes
• Page labeling ranges (page numbering)	Yes	Yes
• Extract pages from external PDF files	Yes	Yes
• Append PDF pages	Yes	Yes
• Split PDF files into pages	Yes	Yes
• Document incremental updates	Yes	Yes
• Partial document loading and saving	Yes	Yes

FLOW DOCUMENT FEATURES

• Mixed formatted text	Yes	Yes
• Superscript/subscript text	Yes	Yes

• Images	Yes	Yes
• Form XObjects	Yes	Yes
• Annotations	Yes	Yes
• Tables	Yes	Yes
• Headers and footers	Yes	Yes
• Table of contents	Yes	Yes

SECURITY

• User and owner passwords	Yes	Yes
• Document access rights	Yes	Yes
• 40 bit and 128 bit RC4 encryption	Yes	Yes
• 128 bit and 256 bit AES encryption	Yes	Yes
• Content redaction	Yes	Yes
• Disable text copy/paste	Yes	Yes

GRAPHICS FEATURES

• Grid layout for fixed content positioning	Yes	Yes
• Flow layout for relative content positioning	Yes	Yes
• All PDF color spaces: DeviceRGB, DeviceCMYK, DeviceGray, Indexed, CalGray, CalRGB, Lab, ICC, Separation, DeviceN and PANTONE colors	Yes	Yes
• Pen and brush objects for stroking and filling operations	Yes	Yes
• Graphics primitives: lines, ellipses, rectangles, rounded rectangles, arcs, pies, chords, Bezier curves, paths	Yes	Yes
• Clipping paths	Yes	Yes
• Images (see Images section) and form XObjects	Yes	Yes
• Transparency groups	Yes	Yes
• Single line and multi line text with vertical and horizontal aligment, including justified text	Yes	Yes
• Extended graphics states with support for fill and stroke alpha, blend modes and overprinting	Yes	Yes
• Affine transformations: multiply, translate, rotate and scale	Yes	Yes
• Shadings - function, axial and radial	Yes	Yes
• Patterns - colored, uncolored and shading	Yes	Yes
• Optional content (layers) with support for custom display trees, multipage and mixed layers	Yes	Yes
• Barcodes (see Barcodes section)	Yes	Yes
• Drawing of external page content (page imposition)	Yes	Yes

• Low level PDF graphics for full control over the page content stream	Yes	Yes
• Formatted content (paragraphs, text blocks, styled text, links inside text, bullet lists)	Yes	Yes
• Tables (simple and composite cells, column spans, row spans, borders)	Yes	Yes

FONTS

• Standard PDF fonts, Western and CJK	Yes	Yes
• Type1 fonts	Yes	Yes
• Type3 fonts	Yes	Yes
• Ansi and Unicode TrueType fonts with support for font subsetting	Yes	Yes
• Disable text copy/paste for Unicode TrueType fonts	Yes	Yes

IMAGES

• Load images from files and streams	Yes	Yes
• Extra large JPEG images	Yes	Yes
• Extra large TIFF images (24bpp and 32bpp, uncompressed, zip, lzw)	Yes	Yes
• Create images from System.Drawing.Bitmap (WinForms) (BMP, GIF, PNG, TIFF, JPG)	Yes	Yes
• Native support for TIFF (grayscale, RGB and CMYK), JPEG, PNG and RAW images	Yes	Yes
• TIFF to PDF conversion with CCITT G4 compression for B/W images	Yes	Yes
• Image masks: color masks, stencil mask and soft masks	Yes	Yes
• Alternate images for printing	Yes	Yes
• SVG to PDF conversion	Yes	Yes

BARCODES

• Built in vector barcode engine, no barcode images or barcode fonts	Yes	Yes
• Unidimensional barcodes:	Yes	Yes
- Generic barcodes: Codabar, Code 11, Code 25, Code 25 Interleaved, Code 39, Code 39 Extended, Code 93, Code 93 Extended, Code 128 A, Code 128 B, Code 128 C, COOP 25, Matrix 25, MSI/Plessey	Yes	Yes
- Pharmaceutical barcodes: Code 32, Pharmacode, PZN (Pharma-Zentral-Nummer)	Yes	Yes
- EAN/UPC barcodes: EAN 128, EAN-13, EAN-8, ISBN, ISMN, ISSN, JAN-13, UPC-A, UPC-E	Yes	Yes
- Postal and transportation barcodes: FedEx Ground 96, IATA 25,	Yes	Yes

Identcode, Leitcode, KIX, Planet, PostNet, RM4SCC, SCC-14, SingaporePost, SSCC-18, USPS FIM, USPS Horizontal, USPS PIC		
• Bidimensional barcodes:	Yes	Yes
- DataMatrix, QR, PDF417, Micro PDF417, Codablock F, Code 16K	Yes	Yes

PDF ANNOTATIONS

• Add, edit and remove PDF annotations	Yes	Yes
• Standard and custom appearance for annotations	Yes	Yes
• Flatten annotations	Yes	Yes
• Supported annotations:	Yes	Yes
- Text (sticky notes) annotations	Yes	Yes
- Rubber stamp annotations	Yes	Yes
- Square and circle annotations	Yes	Yes
- File attachment annotations	Yes	Yes
- Link annotations (hyperlinks)	Yes	Yes
- Line annotations	Yes	Yes
- Ink annotations	Yes	Yes
- Polygon and polyline annotations	Yes	Yes
- Text markup annotations: highlight, underline, strikeout, squiggly	Yes	Yes
- Free text (typewritter) annotations	Yes	Yes
- Sound annotations	Yes	Yes
- Movie annotations	Yes	Yes
- Rich media (Flash) annotations	Yes	Yes
- Redaction annotations	Yes	Yes
- 3D annotations with support for: views, projections, lighting schemes, cross sections, backgrounds and animations	Yes	Yes

PDF FORMS (Acrobat forms)

• Create, load and save PDF forms	Yes	Yes
• Add, edit, remove and rename form fields	Yes	Yes
• Support for text box fields, combo box fields, list box fields, push button fields, check box fields, radio button fields, signature fields	Yes	Yes
• Read/Write (fill) form fields	Yes	Yes
• Create custom appearances for field widgets	Yes	Yes
• Flatten form fields	Yes	Yes
• Form actions (see PDF actions)	Yes	Yes

PDF ACTIONS		
• Add, edit and remove PDF actions	Yes	Yes
• Set actions at document level, page level, annotation level and form field level	Yes	Yes
• Supported actions:	Yes	Yes
- GoTo actions - go to destinations in current PDF file	Yes	Yes
- Remote GoTo actions - go to destinations in external PDF files	Yes	Yes
- GoTo 3D view actions - activate a specific view in a 3D annotation	Yes	Yes
- Lauch actions - launch executables and files	Yes	Yes
- URI actions - go to a web based destination	Yes	Yes
- Named actions - predefined PDF actions	Yes	Yes
- Javascript actions - execute Javascript code	Yes	Yes
- Submit form actions - submit form data to a server	Yes	Yes
- Reset form actions - reset form fields to default values	Yes	Yes
- Hide actions - show or hide form fields	Yes	Yes
PDF FUNCTIONS		
• Sample based functions (Type 0)	Yes	Yes
• Exponential functions (Type 2)	Yes	Yes
• Stitching functions (Type 3)	Yes	Yes
• Postscript calculator functions (Type 4)	Yes	Yes
TEXT SEARCH		
• Search text in PDF pages with support for regular search, case sensitive search, whole word search and regular expression search	Yes	Yes
CONTENT EXTRACTION		
• Extract text with position information at fragment level and glyph level	Yes	Yes
• Extract text as words with position information at word level and glyph level	Yes	Yes
• Extract text and words from user defined regions	Yes	Yes
• Extract images including image information such as: image size in pixels, bits per pixel, colorspace, image position on the PDF page, image size on the PDF page, image horizontal and vertical resolution	Yes	Yes
• Extract page content as a sequence of path, text, image and	Yes	Yes

shading objects		
• Extract optional content groups as vector drawings	Yes	Yes
• Extract page content as vector drawings	Yes	Yes

CONTENT TRANSFORMATION

• Convert page content to RGB	Yes	Yes
• Convert page content to CMYK	Yes	Yes
• Convert page content to Grayscale	Yes	Yes
• Convert images to Grayscale	Yes	Yes
• Replace page images	Yes	Yes
• Remove page images	Yes	Yes

CONTENT REDACTION

• Text redaction	Yes	Yes
• Image redaction	Yes	Yes
• Redaction annotations	Yes	Yes

PDF PORTFOLIOS

• Create and load PDF portfolios	Yes	Yes
• Define portfolio attributes and define sort order for portfolio items	Yes	Yes
• Add and remove portfolio items	Yes	Yes
• Organize portfolio items into folders	Yes	Yes

LOW LEVEL COS API

• Add, edit and remove COS objects	Yes	Yes
• Supported COS objects: strings, numbers, names, booleans, nulls, arrays, dictionaries and streams	Yes	Yes

PDF RENDERING (PRO Edition Only)

• Render PDF pages to images: RAW, BMP, GIF, JPG, PNG and TIFF	-	Yes
• ARGB, RGBA, BGRA, RGB, BGR and Grayscale byte layouts for RAW images	-	Yes
• PDF to multipage TIFF (color / grayscale / B&W CCITT G4),	-	Yes
• Supported PDF features for rendering:	-	Yes

- Filters: Flate, LZW, ASCII 85, ASCII Hex, CCITT Fax, DCT, JBIG2	-	Yes
- Colorspaces: RGB, CMYK, Gray, CalRGB, CalGray, Lab, ICC, Indexed, Separation, DeviceN	-	Yes
- Shadings: function based, axial and radial	-	Yes
- Patterns: colored, uncolored and shading	-	Yes
- Blend modes: all	-	Yes
- Vector graphics: move to, line to, curve to (c, y and v), line width, line cap, line join, stroke, fill, form XObject	-	Yes
- Images: Raw, Jpeg, Ccitt, Jbig2; Inline images	-	Yes
- Image masks: soft masks, stencil masks, chroma key masks	-	Yes
- Soft masks	-	Yes
- Fonts: standard 14 PDF fonts, TrueType, Type 1 (Postscript and CFF), Type3, CID fonts, Embedded fonts	-	Yes
- Font substitution	-	Yes
- Annotations: all types	-	Yes
- Form fields: all types	-	Yes
• Selective page content rendering: turn on/off vector graphics, text, images, annotations and form fields	-	Yes
• Support for external graphic engines for improved rendering speed	-	Yes

LICENSING

• Per developer licensing with royalty free distribution	Yes	Yes
• Single developer license starts at US$299 and includes 1 year support subscription	Yes	Yes

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