



ICEpdf is an open source PDF engine for viewing, printing, and annotating PDF documents. The ICEpdf API is 100% Java, lightweight, fast, efficient, and very easy to use. ICEpdf is extremely versatile, and can be used in a multitude of innovative ways, including:

Features & Benefits



Java PDF Portability & Flexibility – ICEpdf is 100% Java-based so it can be easily integrated within any Java application across a wide variety of operating systems. Refer to the ICEpdf Supported platforms page. Additionally, ICEpdf can be deployed in many different ways: Applet, Java Web Start, Swing, SWT, Java EE server, and more.



PDF Annotations – ICEpdf is capable of displaying, adding, editing, and removing annotations in any PDF document. These annotation types are supported: Text, Text-Markup, Link, Line, Arrow, Square, Circle, Ink/Draw, FreeText, and Popup Annotations with support for review and reply to.



PDF Extraction & Conversion – ICEpdf is an ideal Java PDF reader technology for the conversion and extraction of PDF content. Extract text, metadata, images, etc. Handoff to another business process, or easily configure ICEpdf to convert PDF content to a different file format: JPG, GIF, PNG, SVG, TXT, and more.



Robust & Secure PDF Engine – At the heart of ICEpdf is a memory efficient, lightweight Java PDF rendering engine that has been deployed by thousands of companies around the globe. Furthermore, ICEpdf adheres to the Adobe Standard Security for password-protected documents (40 and 128 bit RC4).



Customization & Control – With ICEpdf, your application remains in control of your documents. You can expose only the User Interface (UI) that is required and enforce actions, access, and security protocols based on any criteria implemented by your system or application. PDF your way!

ICEpdf Deployment Scenarios

Java Client Deployment – ICEpdf can be deployed to practically any Java enabled workstation (J2SE or J2EE JVM, v1.5.0 or greater) to render PDF files, much like Adobe Reader®. Instead of relying on a third party application, ICEpdf can be entirely embedded and customized within your Java application. This provides ultimate flexibility, control, and branding when integrating PDF rendering capabilities. ICEpdf also provides a rich toolset for creating, editing and deleting many types of annotations as well as providing tools to keep track of comment revisions. Furthermore, ICEpdf is fully deployable using standard Java mechanisms such as an Applet, or Java Web Start (JWS).

Java Headless Deployment – ICEpdf can be deployed on a server side headless environment and incorporated into a variety of workflows. The ICEpdf API can be used to extract text and images, convert PDF pages to TIFF or used as a print engine for PDF documents. ICEpdf advanced search API can also be used in combination with the Annotation API to automatically create annotations from the search results.

Java Servlet (JSP or JSF) Deployment – ICEpdf can be deployed as a Java PDF servlet on any Java application server to render PDF files. On the server, ICEpdf acts as a Java EE PDF engine rendering requested files server-side in headless mode. ICEpdf can then extract desired data in the PDF file, and hand it over to another business process server-side. Alternatively, ICEpdf can then be configured to convert the rendered PDF file to a specified image format (jpg, gif, png) so the results can be served in the form of a standard web page.

ICEpdf Supported Platforms

ICEpdf can be used in multiple environments supporting Java, including Windows, Mac OSX, Solaris, and Linux.

Windows	Linux	Unix	OS X
Oracle J2SE 1.5	Oracle J2SE 1.5	Oracle J2SE 1.5	Apple J2SE 1.5
Oracle J2SE 1.6	Oracle J2SE 1.6	Oracle J2SE 1.6	Apple J2SE 1.6
Oracle J2SE 1.7	Oracle J2SE 1.7	Oracle J2SE 1.7	N/A

USA & Canada: 1 877 263 3822 (Toll Free)
Europe: +41 31 329 09 00
Other: +1 403 663 3322

ICEpdf Pro & Font Engine

ICEpdf Pro includes all the features and benefits of the open source version plus:

Font Engine

ICEpdf open source is configured to perform font substitution when the Font Engine is not present at runtime. The results of font substitution will vary depending on the types of fonts that are embedded in the PDF document. The ICEpdf Pro Font Engine provides embedded font support for:

- Type 1 Fonts (Standard and Multiple Master)
- Type3, CMaps (predefined and Embedded)
- Type 2 CID
- Type 1 (CFF)
- OpenType (CFF Type outlines)
- TrueType Font* Subsets
- Type 0 CID
- Type 0
- OpenType (True Type Outlines)

**TrueType Font support includes hinting which significantly increases the rendering quality and accuracy of Asian fonts.*

Parsing Engine

ICEpdf Pro includes an enhanced content parser which significantly reduces the time it takes to parse and render page content (~10x acceleration with certain PDF files). The Pro content parser is not only faster but also more robust, anticipating instructions and even correcting malformed content streams.

Annotation Persistence

ICEpdf open source provides a rich set of annotation tools to create edit and delete annotations. The ICEpdf Pro library extends the annotation editing capability by enabling annotation write support of newly created, edited or deleted annotations. Annotation updates are appended to the end of the document (Incremental updates) leaving the original contents intact. Incremental updates update the file without rewriting it in its entirety providing fast and efficient saves.

ICEpdf versus ICEpdf Pro

The advantages of ICEpdf Pro over ICEpdf are numerous.

	ICEpdf	ICEpdf Pro
Software and API's		
License	Apache 2 Open Source	ICEsoft Commercial
ICEpdf	✓	✓
PDF to Image Conversion	✓	✓
PDF Printing	✓	✓
PDF Search	✓	✓
Text and/or Image Extraction	✓	✓
Annotations (Read/Create/Edit)	✓	✓
Certified Pro Releases		✓
Font Engine		✓
Parsing Engine (~10x Performance)		✓
Annotation Persistence (Write/Save)		✓
Enterprise Support		
Documentation, Webinar, and Tutorials	✓	✓
Forum Support	✓	✓
Guaranteed Support Levels (SLAs) and Response Times		✓
Self-serve Support Portal		✓
Priority Escalation, Patches, and Custom Builds		✓
Online Case Management		✓
Remote Desktop Sharing		✓
Custom Build & Patches		✓
License Indemnification		✓

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ICEpdf Pro License & Support Options

Expert development and deployment advice, built-in font engine, along with the added protection of Certified Releases and Emergency Patches allows your team to assuredly roll ICEpdf Pro applications into a production environment, and maintain them over time. Choose from one of the following:

License A	License B	License C	License D
ICEpdf Pro Software Font Engine Parsing Engine Annotation (Write/Save) True Type Font Hinting	ICEpdf Pro Software Font Engine Parsing Engine Annotation (Write/Save) True Type Font Hinting	ICEpdf Pro Software Font Engine Parsing Engine Annotation (Write/Save) True Type Font Hinting	ICEpdf Pro Software Font Engine Parsing Engine Annotation (Write/Save) True Type Font Hinting
250 Java Clients ¹	1,000 Java Clients ¹	5,000 Java Clients ¹	Unlimited Java Clients ¹
2 Servers ²	5 Servers ²	10 Servers ²	Unlimited Servers ²
Pricing	Pricing	Pricing	Pricing
\$1,500	\$3,000	\$5,000	Contact Us for Pricing

ICEpdf Pro Support Options:

Support Options	Standard	Professional	Premium
Update Services			
Software Update Notification	✓	✓	✓
Technical Alerts	✓	✓	✓
Certified Releases & Updates	✓	✓	✓
Problem Resolution			
Number of Incidents	5	20	50
Email Access	✓	✓	✓
Phone Access	N/A	N/A	✓
Support Access ³	Standard Hrs.	Standard Hrs.	Extended Hrs.
7X24 Support	N/A	N/A	Optional
Emergency Response Time ⁴	24 Hours	8 Hours	4 Hours
Emergency Bug Fix Escalation	✓	✓	✓
Custom Build & Patches	N/A	N/A	✓
Support Tools & Training			
Online Case Management	✓	✓	✓
Remote Desktop Sharing	N/A	N/A	✓
Indemnification			
License Indemnification	N/A	N/A	✓
Response Time			
Fatal: Preventing use of a Customer Program - B1	1 Day	8 Hours	4 Hours
Severe: Errors disabling major functions - B2	2 Days	1 Day	1 Day
Standard: Errors disabling non-essential functions - B3	7 Days	5 Days	5 Days
Minimal impact: Minor inconvenience & other - B4	15 Days	10 Days	10 Days
Pricing			
	Included	+\$300	Contact Us for Pricing

1 Deployment Definition: The number to times ICEpdf is deployed standalone or within a desktop Java application (Java Client).

2 Server Definition: Development and/or Production servers (physical or virtual) including failover servers, regardless of CPUs.

3 Standard Hours = 8:00-16:00 GMT / 8:00 - 18:00 EST. Extended Hours = 8:00 - 18:00 GMT / 8:00 - 19:00 EST.

4 Emergency Response Times only apply to B1 issues.