IRONPDF

The C# PDF Library

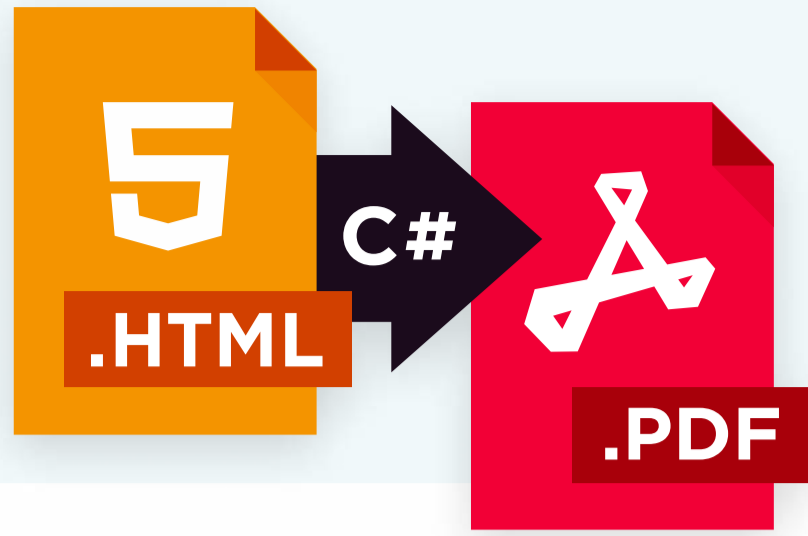\# Convert HTML to PDF in .NET 8, 7, 6, Core, & Framework

\# Generate PDFs in C# using HTML, MVC, ASPX, & Images

\# Sign, Edit, and Read PDFs with 50+ Features

\# Install & Deploy in minutes with NuGet

```
PM > Install-Package IronPdf
```

www.ironpdf.com

HTML to PDF

```csharp
1.  // PM> Install-Package IronPdf
2.
3.  using IronPdf;
4.
5.  var Result = new IronPdf.ChromePdfRenderer();
6.  Renderer.RenderHtmlAsPdf("<h1>Html with CSS and Images</h1>").SaveAs("pixel-
    perfect.pdf");
7.
8.  /****** Advanced ******/
9.
10. // Load external html assets: images, css and javascript.
11. // An optional BasePath 'C:\site\assets\' is set as the file location to load assets
    from
12.
13. var PDF = Renderer.RenderHtmlAsPdf("<img src='icons/iron.png'>", @"C:\site\assets\");
    PDF.SaveAs("html-with-assets.pdf");
14.
```
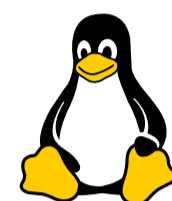
When you need your PDF to look like HTML, fast.

Cross Platform Support

Designed for **C#, F#, & VB.NET** running on **.NET 8, 7, 6, Core, Standard,** or **Framework**

Also available for **Java**, **Node.js**, and **Python**

IronPDF Features

Compatibility

.NET Versions:
- **C#, VB.NET, F#** Languages
- **.NET Core** (8, 7, 6, 5 and 3.1+)
- **.NET Standard** (2.0+)
- **.NET Framework** (4.6.2+)

.NET Project Types:
- **Web** (Blazor & WebForms)
- **Desktop** (WPF & MAUI)
- **Console** (App & Library)

App Environments:
- **Windows** (10+, Server UI 2012+, Server Core 2022)
- **Linux** (Ubuntu, Debian, CentOS, etc.)
- **Mac** (macOS 10+)
- **Docker** (Windows, Linux, Azure)
- **Azure** (VPS, WebApp, Function)
- **AWS** (EC2, Lambda)

IDEs:
- **Microsoft Visual Studio**
- **Jetbrains Rider & ReSharper**

OS & Processors:
- **Windows (x64, x86)**
- **Mac (x64, ARM)**
- **Linux (x64)**

Binary Certification:
- **DigiCert Signed Binaries**

Generating PDFs

HTML to PDF:
- **HTML File to PDF**
- **HTML String to PDF**
- **URL to PDF**

Content Pages to PDF:
- **Razor to PDF** (Blazor Server)
- **CSHTML to PDF** (MVC, Razor)
- **ASPX to PDF** (WebForms)
- **XAML to PDF** (MAUI)

PDF File Conversion:
- **Images to / from PDF**
- **DOCX to PDF** (Microsoft Word)
- **RTF to PDF** (Rich Text Format)
- **MD to PDF** (Markdown)
- **PDF to HTML**

Supports:
- **UTF-8 Character Encoding**
- **Base URLs & Asset Encoding**
- **TLS Website & System Logins**
- **Async & Multithreading**
- **Custom Logging**
- **Cookies**

Formatting PDFs

Use HTML Assets:
- **HTML** (5 and below)
- **CSS** (Screen & Print)
- **Images** (jpg, png, gif, tiff, svg, bmp)
- **JavaScript** (Custom Render Delays)
- **Fonts** (Web & Icon)

Apply Page Templates:
- **Add Headers & Footers**
- **Add Page Numbers**
- **Add Page Breaks**
- **Fit to Paper & Zoom**
- **Custom Margins**

Apply Page Settings:
- **Responsive Layouts**
- **Custom Paper Size**
- **Orientation & Rotation**
- **Color**

Supports PDF Standards:
- **PDF Versions** (1.2 - 1.7)
- **PDF/UA** (PDF/UA-1)
- **PDF/A** (PDF/A-3b)

Editing PDFs

Set Properties & Security:
- **Set Password & Permissions**
- **Digital Signatures** (.pfx, .p12)
- **PDF File Compression**
- **Edit PDF Metadata**
- **Edit & Sign Revision History**

Edit Document Structure:
- **Add, Copy, & Delete Pages**
- **Merge & Split PDFs**
- **Annotations**
- **Attachments**
- **Bookmarks and Outline**

Edit Page Content:
- **Draw Text & Bitmap**
- **Find and Replace Text**
- **Headers & Footers**
- **Stamp Text & Images**
- **Custom Watermarks**
- **Backgrounds & Foregrounds**

Use PDF Forms:
- **Create & Edit Forms**
- **Fill Existing Forms**

View, Read, & Print PDFs:
- **IronPDF Viewer**
- **Print to a Physical Printer**
- **Extract PDF Text & Images**

This features table was updated November, 2024.
For the latest visit ironpdf.com

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Coverage based on number of developers, organization locations, and projects.

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✔ 1 project	✔ 3 projects	✔ 10 projects	✔ Unlimited projects
	♡ Email support (48h SLA)	♥ Email support (24h SLA)	♡ Email support (12h SLA)
	♡ 24/5 Live Chat support	♥ 24/5 Live Chat support	♡ 24/5 Live Chat support
		♥ Screen-sharing support	♡ Screen-sharing support
			♡ Slack connect support
			For best coverage consider **Enterprise**

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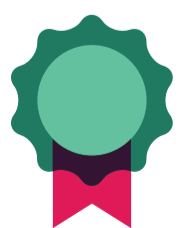| ⚠ **Not Available**	**OEM Redistribution**	**OEM Redistribution**	
Please choose Plus or Professional for coverage options	**$1,999** for Web, SaaS & OEM royalty-free redistribution coverage	**$1,999** for Web, SaaS & OEM royalty-free redistribution coverage	
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- ✔ 30-day money-back guarantee
- ✔ Valid for dev/staging/production
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- ✔ Perpetual license (no recurring fees)

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	♡ Email support (48h SLA) ♡ 24/5 Live Chat support	♥ Email support (24h SLA) ♥ 24/5 Live Chat support ♥ Screen-sharing support	♡ Email support (12h SLA) ♡ 24/5 Live Chat support ♡ Screen-sharing support ♡ Slack connect support
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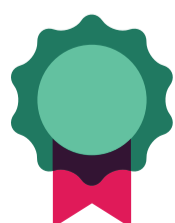| ⚠ **Not Available** Please choose Plus, Professional or Unlimited for coverage options	**OEM Redistribution** **$3,998** for Web, SaaS & OEM royalty-free redistribution coverage	**OEM Redistribution** **$3,998** for Web, SaaS & OEM royalty-free redistribution coverage
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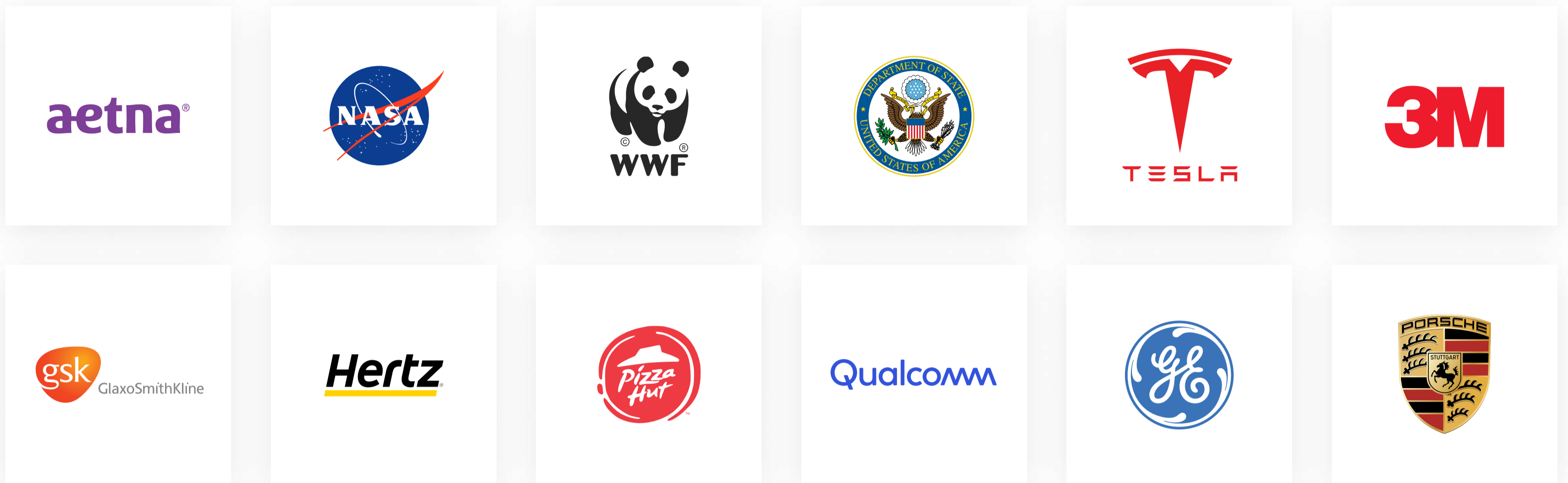Visit our licensing page below for more details.

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IRONSUITE for .NET

IRONPDF Create, read, and edit PDFs. HTML to PDF for NET.

IRONWORD Edit DOCX Word Files. No Office Interop required.

IRONXL Edit Excel & CSV files. No Office Interop required.

IRONOCR OCR (extract text from images) in 127 languages.

IRONBARCODE Read and write QR & Barcodes.

IRONQR Read and write QR codes.

IRONZIP Zip and unzip archives

IRONPRINT Print documents in .NET applications

IRONWEBSCRAPER Scrape structured data from websites.

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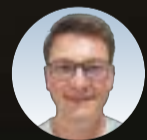
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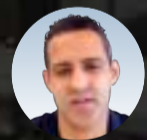
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What Developers Say About Iron C# Libraries

My favorite library of this kind is IronPDF. It allows for fast and efficient manipulation of PDF files. It also has many valuable features, like exporting to PDF/A format and digitally signing PDF documents.
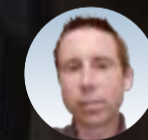
Milan Jovanović
Microsoft MVP

The IronSuite play a crucial role in our operations. These are tools that increase efficiencies across the business including creating floor plans and improving inventory management.

David Jones
Lead Software Engineer, Agorus Build

IronOCR means we can save $40,000 annually from manual processing, while enhancing productivity and freeing up resources for high-impact tasks.
I would highly recommend it.

Brent Matzelle
Chief Technology Officer, OPYN

★★★★★

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This information is accurate as of November 2024,
for the latest information please look at our website, or contact our sales team.