IRONBARCODE

The C# Barcode Library

\# Generate Barcodes in C# & VB .NET Applications

\# Read Barcodes from Scanned Images

\# Supports .NET 8, 7, 6, Core, Standard, Framework

```
PM > Install-Package BarCode
```

ironsoftware.com/csharp/barcode
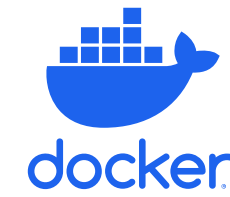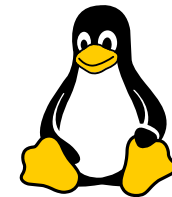
Barcode Quickstart

```csharp
1.  using IronBarCode;
2.
3.
4.  /******    WRITE    *******/
5.
6.  // Create A Barcode in 1 Line of Code
7.  BarcodeWriter.CreateBarcode("https://ironsoftware.com/csharp/barcode",
8.  BarcodeWriterEncoding.QRCode).SaveAsJpeg("QuickStart.jpg");
9.
10. /******    READ    *******/
11.
12. // Read A Barcode in 1 Line of Code.  Gets Text, Numeric Codes, Binary Data and
13. an Image of the barcode
14. BarcodeResult Result = BarcodeReader.QuicklyReadOneBarcode("QuickStart.jpg");
15.
16. // Assert that IronBarCode Works :-)
17. if (Result!=null && Result.Text == "https://ironsoftware.com/csharp/barcode")
```

When you need to read, write, and style Barcodes, fast.

Cross Platform Support

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

IronBarcode Features

Compatibility

.NET Languages:

• C#, VB.NET, F#

Platforms:

• .NET 8, 7, 6 & 5
• .NET Core 2x & 3x
• .NET Standard 2
• .NET Framework 4.6.2+

App Types:

• Console, Web, & Desktop

Operating Systems:

• Microsoft Windows
• macOs
• Linux
• Docker
• Azure
• AWS

IDEs:

• Microsoft Visual Studio
• Jetbrains ReSharper & Rider

Barcode Formats

QR & 2D Matrix:

• QR Code
• Styled QR Code
• Aztec
• Data Matrix
• MaxiCode
• USPS Intelligent Mail Barcode

Modern Linear Barcodes:

• Code 39
• Code 128
• GS1-128
• PDF417
• RSS14
• RSS Expanded

Older Linear Barcodes:

• UPC-A
• UPC-E
• EAN-8
• EAN-13
• CodaBar
• ITF (Interleaved Two of Five)
• MSI
• Plessey

Reading Barcode

Read Many Image Formats:

• Images
• Multipage Images
• IronDrawing
• System.Drawing Objects
• Streams
• PDF

Set Accuracy & Performance:

• Single/Multi Barcode Reading
• Specify Crop Regions
• Set Output Format
• Multithreading Support

Image Correction Filters:

• Adaptive Threshold
• Binary Threshold
• Brightness
• Contrast
• Invert
• Sharpen

Output Data Formats:

• Create barcodes out of texts, numbers or binary data
• UTF-8 characters supported

Writing Barcode

Write to Document Types:

• Image
• System.Drawing Objects
• Streams
• HTML
• PDF (new and existing)

Encoding Barcode Data:

• Text, URLS, bytes, streams, and numbers

Checking Fault Tolerance:

• Null Checking
• Checksums
• Format Awareness
• Detailed Error Messages
• Custom QR Error Correction

Styling Barcodes:

• Resizing
• Margins & Borders
• Recoloring
• Add Text Annotations
• Add Logos to QR Codes

This features table was updated November, 2024.
For the latest visit ironsoftware.com/csharp/barcode

IRONBARCODE | Team Licenses

Single product licensed by developers, locations and projects

Free 30-day trial available

Which perpetual license fits your project needs?

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

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	♡ 24/5 Live Chat support	♥ 24/5 Live Chat support	♡ 24/5 Live Chat support
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			♡ Slack connect support
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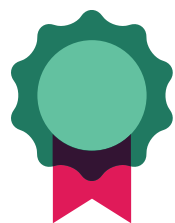|		
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All licenses include:
- ✔ 30-day money-back guarantee
- ✔ Valid for dev/staging/production
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- ✔ Perpetual license (no recurring fees)

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	IRONBARCODE ONLY	IRON SUITE	IRON SUITE	IRON SUITE
	Lite	**Plus** $2,998 USD	**Professional** $5,998 USD (MOST POPULAR)	**Unlimited** $11,998 USD
	Lite only available for single product Licenses	✓ 3 developers ✓ 3 locations ✓ 3 projects	✓ 10 developers ✓ 10 locations ✓ 10 projects	✓ Unlimited developers ✓ Unlimited locations ✓ Unlimited projects
		♡ 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
				For best coverage consider **Enterprise**

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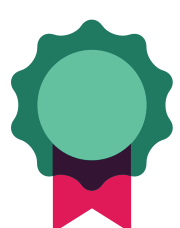| ⚠ Not Available	OEM Redistribution	OEM Redistribution	
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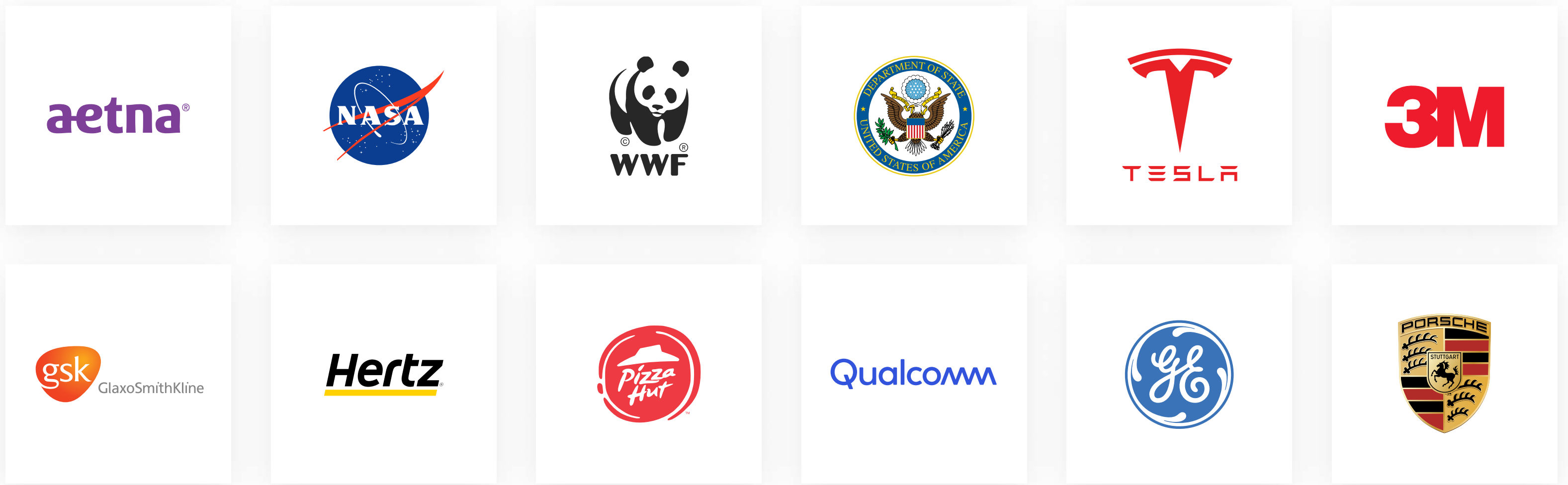Visit our licensing page below for more details.

Iron Suite Unlimited Licensing

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.

IRONSUITE for .NET

Iron Suite for .NET

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Regular **Monthly** NuGet updates

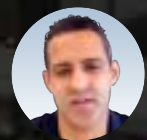Licensed by engineers in **95+** countries

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.
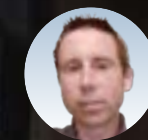
Milan Jovanović
Microsoft MVP

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.