



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

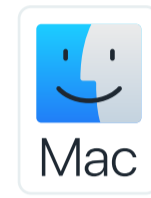
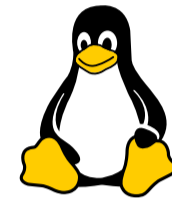
```
1. using IronBarcode;
2.
3.
4. /***** WRITE *****/
5.
6. // Create A Barcode in 1 Line of Code
7. BarcodeWriter.CreateBarcode("https://ironsoftware.com/csharp/barcode",
8. BarcodeWriterEncoding.QRCode).SaveAsJpeg("QuickStart.jpg");
9.
10. /***** READ *****/
11.
12. // Read A Barcode in 1 Line of 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
- Existing PDFs

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 with 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 February, 2024.
For the latest visit ironsoftware.com/csharp/barcode

IRONBARCODE | Team Licenses

Single product licensed by developers, locations and projects



Which perpetual license fits your project needs?

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

Lite	Plus	Professional
\$749 USD	\$1,499 USD	\$2,999 USD MOST POPULAR
<ul style="list-style-type: none">✓ 1 developer✓ 1 location✓ 1 project	<ul style="list-style-type: none">✓ 3 developers✓ 3 locations✓ 3 projects	<ul style="list-style-type: none">✓ 10 developers✓ 10 locations✓ 10 projects
<ul style="list-style-type: none">♡ Email support	<ul style="list-style-type: none">♡ Email (24h) & Chat support♡ Phone support	<ul style="list-style-type: none">♡ Email (24h) & Chat support♡ Phone support♡ Screen sharing support
		25/50/100 Professional tiers available, or go Unlimited with Monthly or Enterprise

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	<p>SDK Redistribution</p> <p>Not Available</p>	<p>SDK Redistribution</p> <p>\$7,999 for 500 API Deployments. Need More? Buy Unlimited Enterprise</p>

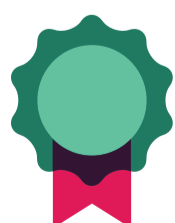
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- ✓ 30-day money-back guarantee
- ✓ Valid for dev/staging/production
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All 9 Products for the Price of 2

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IRONPRINT IRONWEBCRAPER

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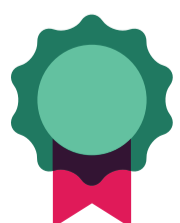
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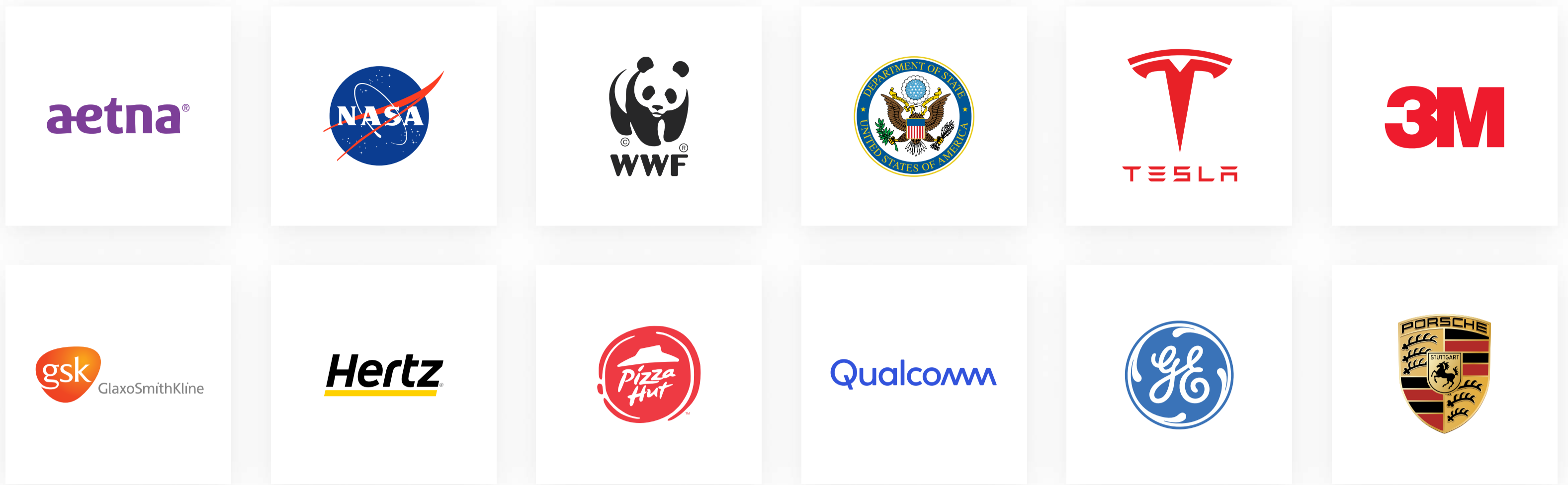
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-  **IRONWORD** Edit DOCX Word Files. No Office Interop required.
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-  **IRONOCR** OCR (extract text from images) in 127 languages.
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-  **IRONQR** Read and write QR codes.
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What Developers Say About Iron C# Libraries

"IronPDF has great rendering quality and the team offer quick, informed technical support."



"Ultimately, when looking at the rest of the market, IronOCR was a more powerful solution because it had the highest throughput."



"Based on performance, documentation, and more - IronPDF outperformed AsposePDF, iText and SyncFusion."



- IRONSUITE
- IRONPDF
- IRONWORD
- IRONXL
- IRONOCR
- IRONBARCODE
- IRONQR
- IRONZIP
- IRONPRINT
- IRONWEBSCRAPER

This information is accurate as of February 2024 / v2024.2, for the latest information please look at our [website](#), or [contact our sales team](#).