



# The C# Barcode Library

- # Generate Barcodes in C# & VB .NET Applications
- # Read Barcodes from Scanned Images
- # Supports .NET 9, 8, 7, 6, Core, Standard, Framework

 PM > Install-Package BarCode

[ironsoftware.com/csharp/barcode](https://ironsoftware.com/csharp/barcode)

## Barcode Quickstart

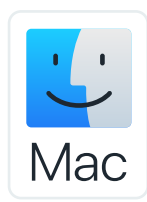
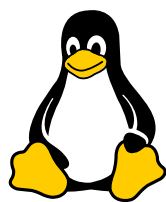
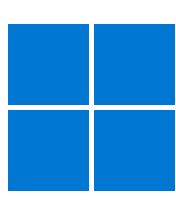
```
1. using IronBarcode;
2.
3.
4. /*****      WRITE      *****/
5.
6. // Create A Barcode in 1 Line of Code
7. BarcodeWriter.CreateBarcode("https://ironsoftware.com/csharp/barcode",
8. BarcodeWriterEncoding.QRCode).SaveAsJpeg("QuickStart.jpg");
9.
10. /*****      READ      *****/
11.
12. // Read A Barcode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



## IronBarcode Features

Compatibility	Barcode Formats	Reading Barcode	Writing Barcode
<div><b>.NET Languages:</b><ul style="list-style-type: none"><li>C#, VB.NET, F#</li></ul></div> <div><b>Platforms:</b><ul style="list-style-type: none"><li>.NET 9, 8, 7, 6 &amp; 5</li><li>.NET Core 2x &amp; 3x</li><li>.NET Standard 2</li><li>.NET Framework 4.6.2+</li></ul></div> <div><b>App Types:</b><ul style="list-style-type: none"><li>Console, Web, &amp; Desktop</li></ul></div> <div><b>Operating Systems:</b><ul style="list-style-type: none"><li>Microsoft Windows</li><li>macOs</li><li>Linux</li><li>Docker</li><li>Azure</li><li>AWS</li></ul></div> <div><b>IDEs:</b><ul style="list-style-type: none"><li>Microsoft Visual Studio</li><li>Jetbrains ReSharper &amp; Rider</li></ul></div>	<div><b>QR &amp; 2D Matrix:</b><ul style="list-style-type: none"><li>QR Code</li><li>Styled QR Code</li><li>Aztec</li><li>Data Matrix</li><li>MaxiCode</li><li>USPS Intelligent Mail Barcode</li></ul></div> <div><b>Modern Linear Barcodes:</b><ul style="list-style-type: none"><li>Code 39</li><li>Code 128</li><li>GS1-128</li><li>PDF417</li><li>RSS14</li><li>RSS Expanded</li></ul></div> <div><b>Older Linear Barcodes:</b><ul style="list-style-type: none"><li>UPC-A</li><li>UPC-E</li><li>EAN-8</li><li>EAN-13</li><li>CodaBar</li><li>ITF (Interleaved Two of Five)</li><li>MSI</li><li>Plessey</li></ul></div>	<div><b>Read Many Image Formats:</b><ul style="list-style-type: none"><li>Images</li><li>Multipage Images</li><li>IronDrawing</li><li>System.Drawing Objects</li><li>Streams</li><li>PDF</li></ul></div> <div><b>Set Accuracy &amp; Performance:</b><ul style="list-style-type: none"><li>Single/Multi Barcode Reading</li><li>Specify Crop Regions</li><li>Set Output Format</li><li>Multithreading Support</li></ul></div> <div><b>Image Correction Filters:</b><ul style="list-style-type: none"><li>Adaptive Threshold</li><li>Binary Threshold</li><li>Brightness</li><li>Contrast</li><li>Invert</li><li>Sharpen</li></ul></div> <div><b>Output Data Formats:</b><ul style="list-style-type: none"><li>Create barcodes out of texts, numbers or binary data</li><li>UTF-8 characters supported</li></ul></div>	<div><b>Write to Document Types:</b><ul style="list-style-type: none"><li>Image</li><li>System.Drawing Objects</li><li>Streams</li><li>HTML</li><li>PDF (new and existing)</li></ul></div> <div><b>Encoding Barcode Data:</b><ul style="list-style-type: none"><li>Text, URLs, bytes, streams, and numbers</li></ul></div> <div><b>Checking Fault Tolerance:</b><ul style="list-style-type: none"><li>Null Checking</li><li>Checksums</li><li>Format Awareness</li><li>Detailed Error Messages</li><li>Custom QR Error Correction</li></ul></div> <div><b>Styling Barcodes:</b><ul style="list-style-type: none"><li>Resizing</li><li>Margins &amp; Borders</li><li>Recoloring</li><li>Add Text Annotations</li><li>Add Logos to QR Codes</li></ul></div>

This features table was updated June, 2025.  
For the latest visit [ironsoftware.com/csharp/barcode](https://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.

IRONBARCODE	IRONBARCODE	IRONBARCODE	IRONBARCODE
<div><div>Lite</div><div><div>\$749</div><div>USD</div></div></div>	<div><div>Plus</div><div><div><del>\$1,499</del></div><div>-33%</div><div>\$999</div><div>USD</div></div></div>	<div><div>Professional</div><div><div><del>\$2,999</del></div><div>-33%</div><div>\$1,999</div><div>USD</div></div></div>	<div><div>Unlimited</div><div><div><del>\$5,998</del></div><div>-33%</div><div>\$3,999</div><div>USD</div></div></div>
<div><div>✓ 1 developer</div><div>✓ 1 location</div><div>✓ 1 project</div></div>	<div><div>✓ 3 developers</div><div>✓ 3 locations</div><div>✓ 3 projects</div></div>	<div><div>✓ 10 developers</div><div>✓ 10 locations</div><div>✓ 10 projects</div></div>	<div><div>✓ Unlimited developers</div><div>✓ Unlimited locations</div><div>✓ Unlimited projects</div></div>
<div><div>♡ Email support</div></div>	<div><div>♡ Email support (48h SLA)</div><div>♡ 24/5 Live Chat support</div></div>	<div><div>♡ Email support (24h SLA)</div><div>♡ 24/5 Live Chat support</div><div>♡ Screen-sharing support</div></div>	<div><div>♡ Email support (12h SLA)</div><div>♡ 24/5 Live Chat support</div><div>♡ Screen-sharing support</div><div>♡ Slack connect support</div></div>
			<div>For best coverage consider Enterprise</div>

Product update & support options:

Access ongoing product updates, security feature upgrades, and support from our engineering team.

Yearly	Yearly	Yearly	Yearly
<div>1<sup>st</sup> year free \$374 next year</div>	<div>1<sup>st</sup> year free \$749 next year</div>	<div>1<sup>st</sup> year free \$1,499 next year</div>	<div>1<sup>st</sup> year free \$2,999 next year</div>
<div>1 Year - \$374</div>	<div>1 Year - \$749</div>	<div>1 Year - \$1,499</div>	<div>1 Year - \$2,999</div>
<div>3 Years - \$749</div>	<div>3 Years - \$1,499</div>	<div>3 Years - \$2,999</div>	<div>3 Years - \$5,999</div>
<div>5 Years - \$ 1,124</div>	<div>5 Years - \$ 2,249</div>	<div>5 Years - \$ 4,499</div>	<div>5 Years - \$ 8,998</div>

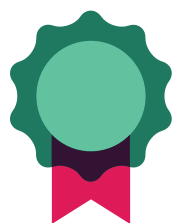
License add-ons:

Option add-ons for SaaS & OEM commercial software redistribution and air-gapped development environments.

OEM Redistribution	
<div>⚠ Not Available</div>	<div>\$1,999 to cover OEM, SaaS &amp; software royalty-free paid redistribution to third parties.</div>
Air-Gapped Dev + OEM	
<div>⚠ Not available for the Lite, Plus and Professional License. Please choose Unlimited.</div>	<div>\$5,998 for isolated air-gapped dev environments + OEM coverage. Need more options? Consider Enterprise</div>

Visit our licensing page below for more details.

IronBarcode Licensing



All licenses include:

- ✓ 30-day money-back guarantee

✓ Valid for dev/staging/production
- ✓ 1 year of product support & updates

✓ Perpetual license (no recurring fees)



# IRONSUITE | Team Licenses

All 10 Products for the [Price of 2](#)

IRONPDF   IRONWORD   IRONXL   IRONPPT   IRONOCR   IRONBARCODE  
IRONQR   IRONZIP   IRONPRINT   IRONWEBCRAPER



## Which perpetual license fits your project needs?

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

IRON SUITE	IRON SUITE	IRON SUITE	IRON SUITE
<div> <b>Lite</b> <b>\$1,498</b> USD</div>	<div> <b>Plus</b> <b>\$2,998</b> USD</div>	<div> <b>Professional</b> <b>\$5,998</b> USD</div> <div>MOST POPULAR</div>	<div> <b>Unlimited</b> <b>\$11,998</b> USD</div>
<div><div>✓ 1 developer</div><div>✓ 1 location</div><div>✓ 1 project</div></div>	<div><div>✓ 3 developers</div><div>✓ 3 locations</div><div>✓ 3 projects</div></div>	<div><div>✓ 10 developers</div><div>✓ 10 locations</div><div>✓ 10 projects</div></div>	<div><div>✓ Unlimited developers</div><div>✓ Unlimited locations</div><div>✓ Unlimited projects</div></div>
<div><div>♡ Email support</div></div>	<div><div>♡ Email support (48h SLA)</div><div>♡ 24/5 Live Chat support</div></div>	<div><div>♡ Email support (24h SLA)</div><div>♡ 24/5 Live Chat support</div><div>♡ Screen-sharing support</div></div>	<div><div>♡ Email support (12h SLA)</div><div>♡ 24/5 Live Chat support</div><div>♡ Screen-sharing support</div><div>♡ Slack connect support</div></div>
For best coverage consider <b>Enterprise</b>			

### Product update & support options:

Access ongoing product updates, security feature upgrades, and support from our engineering team.

Yearly	Yearly	Yearly	Yearly
<div>1<sup>st</sup> year free   <b>\$748</b> next year</div>	<div>1<sup>st</sup> year free   <b>\$1,498</b> next year</div>	<div>1<sup>st</sup> year free   <b>\$2,998</b> next year</div>	<div>1<sup>st</sup> year free   <b>\$5,998</b> next year</div>
<div>1 Year - <b>\$748</b></div>	<div>1 Year - <b>\$1,498</b></div>	<div>1 Year - <b>\$2,998</b></div>	<div>1 Year - <b>\$5,998</b></div>
<div>3 Years - <b>\$1,498</b></div>	<div>3 Years - <b>\$2,998</b></div>	<div>3 Years - <b>\$5,998</b></div>	<div>3 Years - <b>\$11,998</b></div>
<div>5 Years - <b>\$ 2,248</b></div>	<div>5 Years - <b>\$ 4,497</b></div>	<div>5 Years - <b>\$ 8,997</b></div>	<div>5 Years - <b>\$ 17,997</b></div>

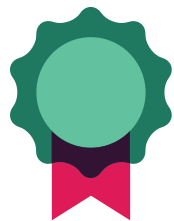
### License add-ons:

Option add-ons for SaaS & OEM commercial software redistribution and air-gapped development environments.

<div> <b>Not Available</b></div> <div>Please choose Plus, Professional or Unlimited for coverage options.</div>	<b>OEM Redistribution</b>	
	<b>\$3,998</b> to cover OEM, SaaS & software royalty-free paid redistribution to third parties.	
	<b>Air-Gapped Dev + OEM</b>	
	<div> <b>Not available</b> for the Lite, Plus and Professional License. Please choose <b>Unlimited</b>.</div>	<div><del>\$11,996</del> <b>\$7,997</b> for isolated air-gapped dev environments + OEM coverage. Need more options? Consider <b>Enterprise</b></div>

Visit our [licensing page](#) below for more details.

Iron Suite Licensing



All licenses include:

- ✓ 30-day money-back guarantee

✓ Valid for dev/staging/production
- ✓ 1 year of product support & updates


✓ Perpetual license (no recurring fees)

# IRONSUITE | Monthly License

Free  
30-day  
trial  
available

## Select Monthly or Yearly payment plan?

IRON SUITE



Monthly


\$500 USD/month

- ✓ No lock-in contract, cancel any time
- ✓ Includes all ongoing product updates

10,000 API calls / month included

\$0.02 / API call after

IRON SUITE



Yearly


\$5,000 USD/year

- ✓ No lock-in contract, cancel any time
- ✓ Includes all ongoing product updates


150,000 API calls / year included

\$0.015 / API call after


## What's included in Pay-As-You-Go Iron Suite Licenses?



Unlimited developers, locations, projects



All 10 Suite Products













OEM redistribution coverage

Visit our licensing page below for more details.

Iron Suite Monthly 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.
-  **IRONPPT** Edit Powerpoint 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
-  **IRONWEBCRAPER** Scrape structured data from websites.


Iron Suite for .NET

IRONSUITE | Enterprise License

Free  
30-day  
trial  
available


IRON SUITE





ALL  
UNLIMITED



# Enterprise


Bespoke perpetual license


 **Trusted by:** Fortune 500 for mission-critical applications


   



Enterprise only add-ons: ?


Hotfixes, Paid enhancements, Source code escrow,  
Customized EULA, and SDK Redistribution


 **Unlimited** Developers, Locations, & Projects


 All **10 IronSuite Products**

 Includes **Royalty-Free Redistribution**

 Includes **IronSecureDoc Enterprise** 

 Supports **offline air-gapped** environments


 **Dedicated** Success & Support Managers

 Our best support level - **4 Hours SLA**

Visit our licensing page below for more details.


Iron Suite Enterprise Licensing

Full Suite Coverage




### Access All 10 Products

Gain instant access to all our industry-leading suite products, including any future releases.




### Unlimited Everything

Empower your team with unlimited developers, projects, and locations.



### Royalty-Free Redistribution






Distribute your applications without any royalty fees.



### Secure Air-Gapped Operations

Operate confidently in offline environments with no tracking, ideal for sensitive industries.

Iron Software LLC  
205 N. Michigan Ave.  
Chicago, IL 60601 USA


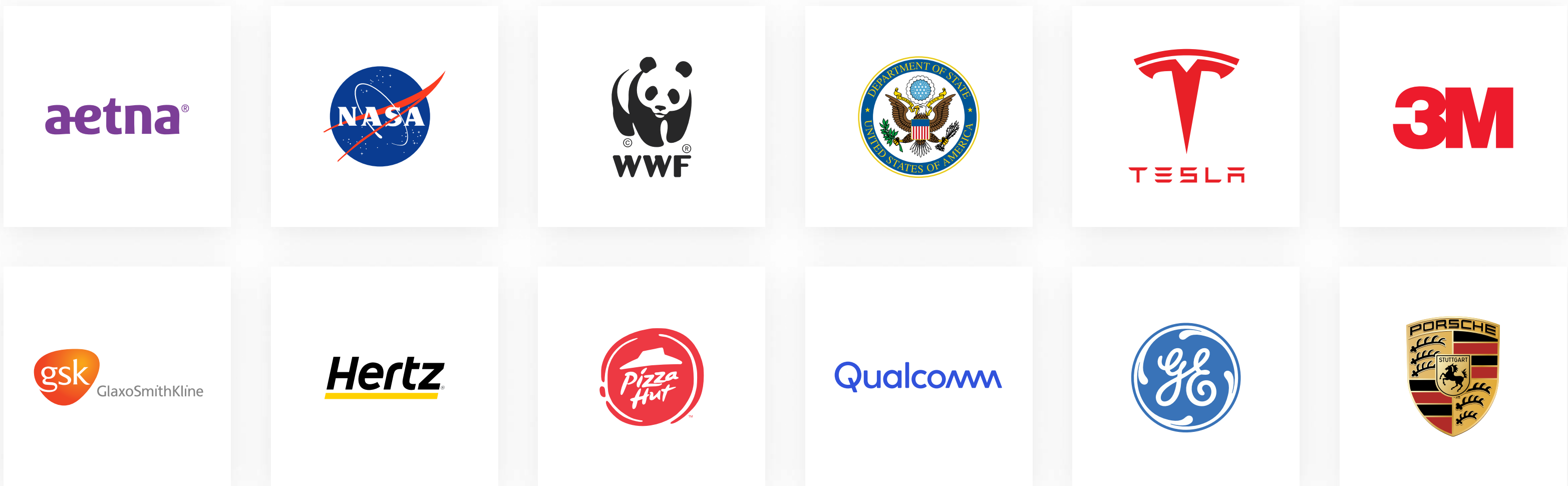
      
Copyright © 2013-2025

support@ironsoftware.com  
www.ironsoftware.com  
+1 (312) 500-3060

5



# Trusted by Millions of Engineers Worldwide




Over  
**44M+**  
downloads



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



Watch and read [customer stories](#)

## Our Partners



This information is accurate as of June 2025,  
for the latest information please look at our [website](#), or [contact our sales team](#).