

The C# QR Code Library

Generate, Read, & Style QR Codes on Desktop, Mobile, and Cloud

- # Custom Machine Learning Model reads any QR Code
- # Fully supports .NET 9, 8, 7, 6, Core, Standard, Framework

PM > Install-Package IronQR

ironsoftware.com/csharp/qr



QR Quickstart

```
1. using IronQr;
```

2. using IronSoftware.Drawing;

```
4. // Create a QR Code object
```

```
5. QrCode myQr = QrWriter.Write("hello world");
```

```
6.
```

7. // Save QR Code as a Bitmap

```
8. AnyBitmap qrImage = myQr.Save();
```

9.

10. // Save QR Code Bitmap as File

```
11. qrImage.SaveAs("qr.png");
```



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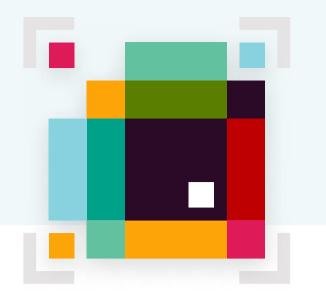








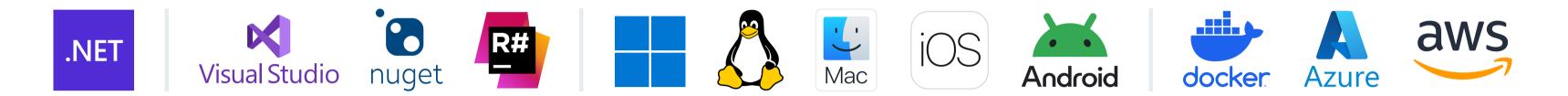




When you need to read, write, and style QR codes, fast.

Cross Platform Support

Designed for C#, F#, & VB.NET running on .NET 9, 8, 7, 6, Core, Standard, or Framework



IronQR Features

Compatibility

.NET Versions:

- C#, VB.NET, F#
- .NET Core (9, 8, 7, 6, 5, and 3.1+)
- .NET Standard (2.0+)
- .NET Framework (4.6.2+)

.NET Project Types:

- Web (Blazor & WebForms)
- Mobile (Xamarin & MAUI)
- **Desktop** (WPF & MAUI)
- **Console** (App & Library)

App Environments:

- Windows (10+, Server 2016+)
- Linux (Ubuntu, Debian, CentOS, etc.)
- Apple macOS (10+)
- Apple iOS (12+)
- Android API 21+ (v5 "Lollipop")
- **Docker** (Windows, Linux, Azure)
- Azure (VPS, WebApp, Function)
- AWS (EC2, Lambda)

IDEs:

- Microsoft Visual Studio
- JetBrains ReSharper & Rider

Reading QR Codes

Read Many Image Formats:

- Images (jpg, png, svg, bmp)
- Multipage Images (gif, tif, tiff)
- System.Drawing Bitmaps
- IronDrawing Images (AnyBitmap)

Machine Learning Model:

- Custom QR Detection Model
- Slim Mode option (non-ML)

Output Data Formats:

- Value (String)
- Link or Website (Uri)
- Coordinates (PointF)

Supports:

- Async
- Multithreading

Writing QR Codes

Write to Document Types:

- Image (jpg, png, gif, tiff, bmp)
- System.Drawing Images
- IronDrawing Images (AnyBitmap)
- **Stream** (MemoryStream, byte[])
- **PDF** (Stamp on Existing PDF)

Encoding Data in QR Code:

• Text, URLs, bytes, and numbers

Styling QR Codes:

- Resizing
- Margins & Borders
- Recoloring
- Add Logos to QR Codes

Checking Fault Tolerance:

- Choose QR Version
- Null Checking
- Checksums
- Format Awareness
- Detailed Error Messages
- Custom QR Error Correction

This features table was updated June, 2025. For the latest visit ironsoftware.com/csharp/qr



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1 Year - \$748	1 Year - \$1,498	1 Year - \$2,998	1 Year - \$5,998
3 Years - \$1,498	3 Years - \$2,998	3 Years - \$5,998	3 Years - \$11,998
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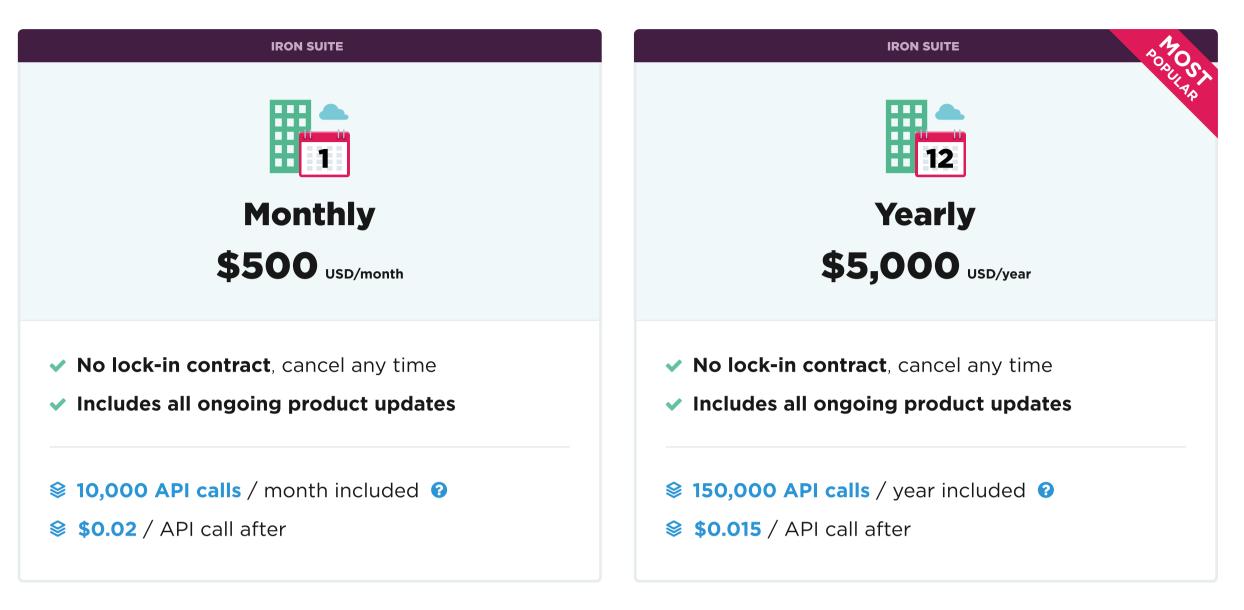
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Iron Suite for .NET



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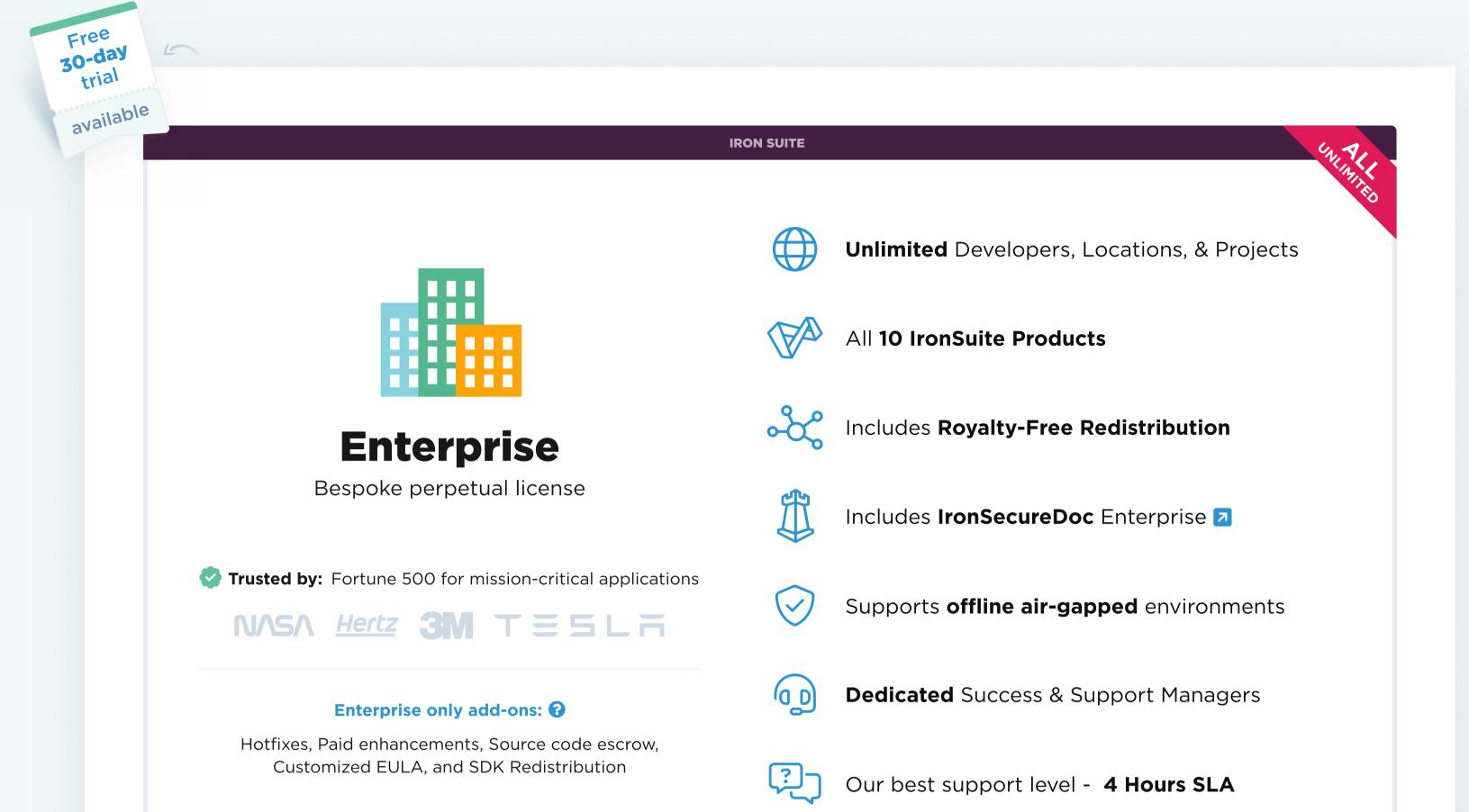
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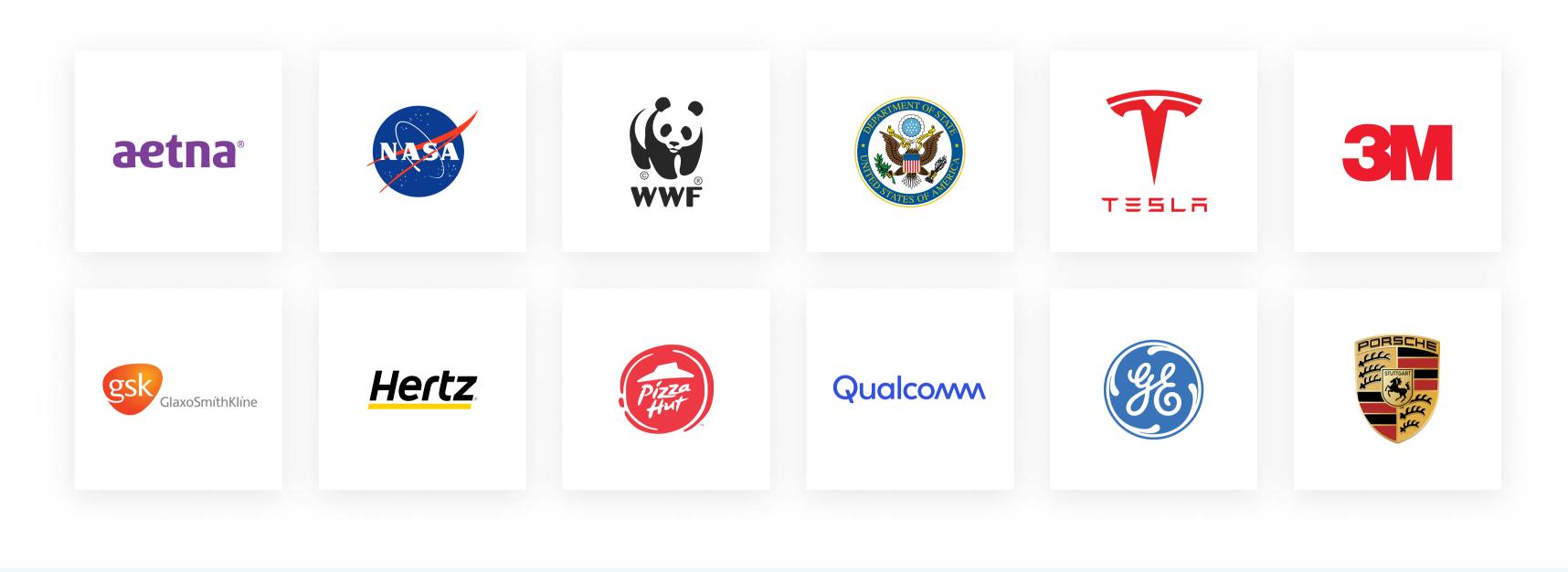


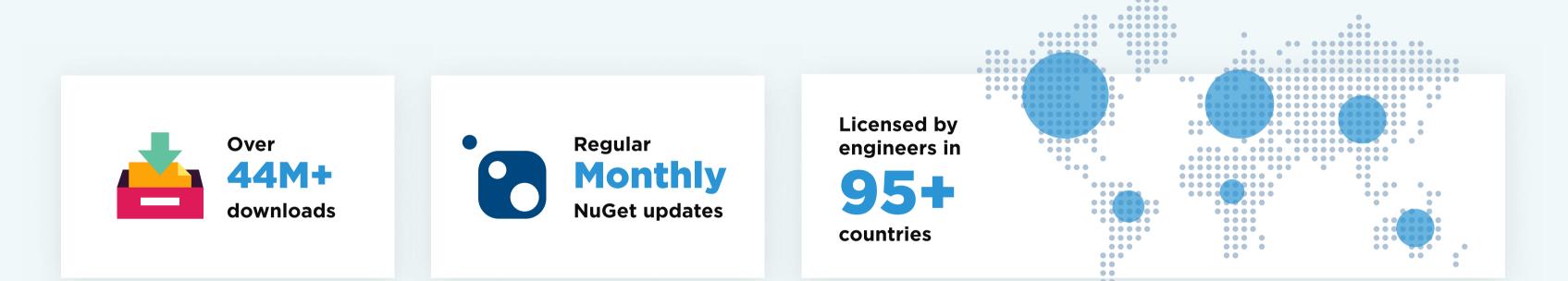
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What Developers Say About Iron C# Libraries

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

 \star

Watch and read customer stories

Brent Matzelle Chief Technology Officer, OPYN

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.

Our Partners







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This information is accurate as of June 2025,

for the latest information please look at our website, or contact our sales team.



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