IRONQR

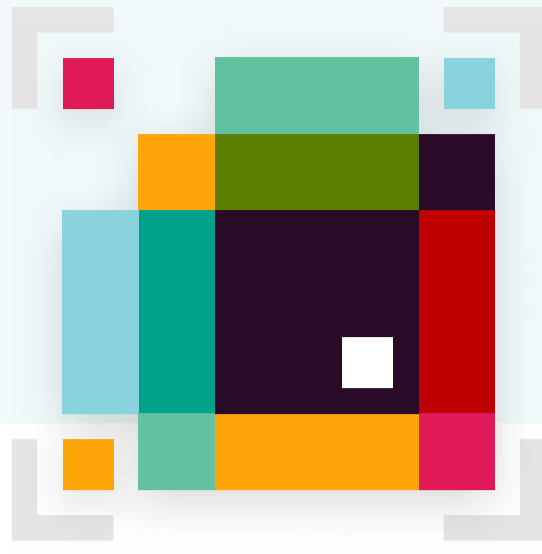# The C# QR Code Library

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

\# Custom Machine Learning Model reads any QR Code

\# Fully supports .NET 8, 7, 6, Core, Standard, Framework

```
PM > Install-Package IronQR
```

ironsoftware.com/csharp/qr

QR Quickstart

```csharp
1.  using IronQr;
2.  using IronSoftware.Drawing;
3.
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");
```

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

Cross Platform Support

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

.NET | Visual Studio | nuget | R# | Windows | Linux | Mac | iOS | Android | docker | Azure | aws

IronQR Features

Compatibility

.NET Versions:
- **C#, VB.NET, F#**
- **.NET Core** (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, svg, 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 February, 2024.
For the latest visit ironsoftware.com/csharp/qr

IRONQR | 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.

Lite
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- ✔ 1 developer
- ✔ 1 location
- ✔ 1 project

- ♡ Email support

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- ✔ 3 developers
- ✔ 3 locations
- ✔ 3 projects

- ♡ Email (24h) & Chat support
- ♡ Phone support

Professional
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MOST POPULAR

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- ✔ 10 locations
- ✔ 10 projects

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- ♡ Phone support
- ♡ Screen sharing support

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Royalty-free redistribution options
Coverage is required for Web, SaaS, and OEM software distributed to third parties.

⚠ **Not Available**

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SDK Redistribution

Not Available

OEM Redistribution

$1,999 for Web, SaaS & OEM royalty-free redistribution coverage

SDK Redistribution

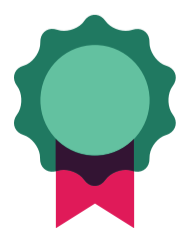**$7,999** for 500 API Deployments. Need More? Buy **Unlimited Enterprise**

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- ✔ Perpetual license (no recurring fees)

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- ✔ 3 projects

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- ♡ Phone support

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MOST POPULAR
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- ✔ 10 locations
- ✔ 10 projects

- ♡ Email (24h) & Chat support
- ♡ Phone support
- ♡ Screen sharing support

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SDK Redistribution

Not Available

OEM Redistribution

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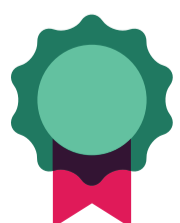

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All Suite Products **including OEM redistribution**

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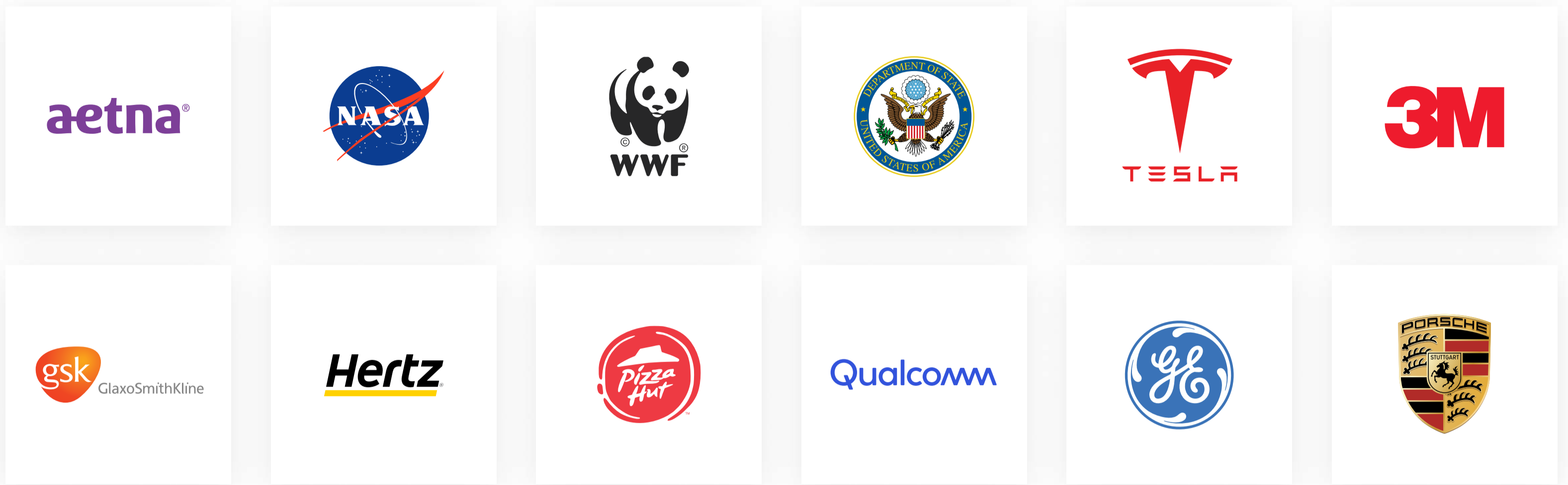
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IRONSUITE for .NET

- **IRONPDF** Create, read, and edit PDFs. HTML to PDF for NET.
- **IRONWORD** Edit DOCX Word Files. No Office Interop required.
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- **IRONOCR** OCR (extract text from images) in 127 languages.
- **IRONBARCODE** Read and write QR & Barcodes.
- **IRONQR** Read and write QR codes.
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Iron Suite for .NET

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What Developers Say About Iron C# Libraries

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

Jamie Ross Greig
Our Property Bear

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

Eky Purnomo
SanSaTek

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

Jeff Fritz
Microsoft MVP

IRONSUITE | **IRON**PDF **IRON**WORD **IRON**XL **IRON**OCR **IRON**BARCODE **IRON**QR **IRON**ZIP **IRON**PRINT **IRON**WEBSCRAPER

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