



# RasterEdge .NET Imaging SDK

## Developer's Guide

RasterEdge.DocImagingSDK 8.8

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## Introduction

### About RasterEdge Document Imaging

RasterEdge Document Imaging is a powerful document imaging SDK and controls. With easy to use document imaging APIs, user can implement functions of loading, saving, converting, annotating and editing documents and images files. Supported Document formats include TIFF, PDF, Microsoft Word, Excel, PowerPoint and DICOM. Png, Jpeg, gif, Bitmap among other commonly used image formats are supported as well. The toolkit also includes a Windows Forms control library, a Zero footprint ASP.NET AJAX-Enabled Server-Side document Viewer, and a Twain library for Twain scanning. Annotation module is embedded in both Windows Form and ASP.NET Web Form controls. Please try our online demo at <http://www.rasteredge.com/dotnet-imaging/web-viewer-demo/>

The product feature includes:

- Create document object from file, stream or byte array.
- Create PDF or TIFF using image source obtained from file, data base or scanning process.
- Load and parse Microsoft Word, Excel, and PowerPoint from file, stream
- Display PDF, TIFF, Word, Excel and PowerPoint with customized options.
- Batch conversion from supported documents to various image formats, such as JPEG, PNG, and GIF.
- Convert (print) TIFF, PDF, Microsoft Word, Excel, PowerPoint, and DICOM into PDF file format.
- Generate thumbnails image of document by setting zoom factor or resolution.
- Draw and burn annotations on documents and images.
- Advanced Windows Form control to load, display, annotate, OCR and save above document formats.
- Zero footprint WebForms document viewer controls to load, display, annotate, convert, search and save above document formats with featured AJAX technology.
- Add or scan barcode image from documents.
- Add image (logo or watermark) to specified page in document.
- Document processing like inserting, deleting, and reordering PDF document pages or TIFF pages in multipage TIFF.
- APIs to combine, split, extract TIFF and PDF documents or pages and enable batch operations on document collection.

## Deploy RasterEdge Imaging

Because RasterEdge Imaging toolkit is a collection of assemblies, you need to add reference to specific assemblies in your project to use the APIs provided.

To add reference to RasterEdge Imaging assemblies in your project using Visual Studio:

- a. In the Solution Explorer, right-click on **References**, and click **Add Reference**. You download from our server.
- b. Click the browse menu tab to locate RasterEdge.DocImageSDK8.x\Bin
- c. Choose dlls that you want to use in your project.
- d. Add using statement at the top of the code, for example  
`using RasterEdge.Imaging.Basic;`

## Online Demo

Using RasterEdge document sdk, you can build a project to enable document viewing, annotating, converting, and saving. We develop an online document viewer program to illustrate these features.

You can not only try using our demo documents but upload your own documents as well.

See the demo at

<http://www.rasteredge.com/dotnet-imaging/web-viewer-demo/>