

Cross-Platform SDK Technology

LEADTOOLS provides libraries for every major platform, including Windows, iOS, macOS, Android, and Linux. In particular, programmers writing image-enabled applications for mobile devices can leverage LEADTOOLS' state-of-the-art imaging features—viewers, annotations and markup, OCR, barcode, image formats, compression, image processing, and more—to create powerful native applications to get the most out of each platform's hardware.

	.NET Framework	.NET Core	UWP	Xamarin	C (Windows)	C (Linux)	C++ Class Library (Windows)	HTML5/JavaScript	Java (Windows)	Java (Linux)	Java (Android)	Objective-C (iOS/macOS)
Imaging												
Compression	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Compression Optimizer	✓				✓	✓	✓		✓	✓	✓	✓
Digital Paint					✓		✓					
File Formats (Raster, Vector & Document)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Image Processing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Imaging Common Dialogs	✓				✓		✓					
Printing	✓				✓		✓	✓				
Screen Capture	✓				✓		✓					
SharePoint Imaging	✓											
Special Effects	✓				✓		✓					
TWAIN	✓				✓		✓	✓				
Viewers	✓				✓		✓	✓			✓	✓
WIA	✓				✓		✓					
Document												
Barcode	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bitonal Image Scaling and Display	✓				✓	✓	✓	✓				
Credit Card Recognition	✓				✓				✓		✓	✓
Distributed Computing	✓											
Document Converter	✓	✓	✓	✓				✓	✓	✓	✓	
Document Framework	✓	✓	✓	✓				✓	✓	✓	✓	
Document Image Annotation	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
Document Image Cleanup and Pre-processing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Document Viewer	✓							✓				
Document Writers	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Driver's License Recognition and Processing	✓	✓	✓	✓				✓	✓	✓	✓	
Forms Recognition and Processing	✓	✓	✓	✓					✓	✓	✓	
ICR	✓				✓							
Invoice Recognition and Processing	✓	✓	✓	✓					✓	✓	✓	
JPIP Client and Server	✓											
Media Writer	✓											
MICR	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Mixed Raster Content (MRC)	✓				✓		✓					
Multi-Resolution and Tiled Image (MRTI)								✓				
OCR	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
OMR	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Passport Recognition and Processing (MRTD)	✓	✓	✓	✓				✓	✓	✓	✓	✓
PDF	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SANE							✓			✓		
SVG	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Vector Image					✓		✓					
Virtual Printer	✓				✓							
Medical												
Annotation for Medical Images and DICOM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CCOW	✓							✓				
DICOM Communication	✓	✓		✓	✓	✓	✓					✓
DICOM Data Security	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
DICOM Data Set	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
DICOM Hanging Protocol								✓				
DICOM Storage Server Framework	✓											
DICOM Waveform	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DICOMweb and WADO	✓											
HL7	✓											
Medical 3D	✓											
Medical Image Processing	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Medical Viewer	✓				✓		✓	✓				
PACS	✓				✓		✓	✓				
PACS Workstation Framework	✓											
Print To PACS	✓											

LEADTOOLS Supported Platforms and Programming Interfaces

- C Windows API - Java & C/C++
- .NET
 - C#, VB, C++/CLI, XAML
 - WinForms, WPF
- HTML5/JavaScript
- Web Services - JSON, WebAPI, SOAP, RESTful
- iOS & macOS - Objective-C, Swift
- Android - Java
- Linux - Java & C/C++