Kofax OmniPage Capture SDK for Windows

The most complete OCR and imaging SDK

Add Robust Imaging, OCR Recognition and PDF Capabilities to Your Most Critical Applications

Established as the core technology behind all Kofax imaging products, the OmniPage Capture SDK is widely recognized as the foremost imaging and OCR toolkit on the market today.

The OmniPage Capture SDK 21 adds robust imaging, OCR recognition and PDF capabilities to your most critical applications. With speed and accuracy and best-in-class PDF management, OmniPage Capture SDK delivers powerful forms-recognition and document classification technologies—plus the unique tools to create reliable OCR and document processing applications with minimal programming requirement.

Used by commercial vendors who are serious about high OCR accuracy and quality document imaging, the OmniPage Capture SDK provides scalable recognition, extraordinary PDF support and a simple API that creates high-value, competitive products.

Key Benefits

The most accurate OCR available

The OmniPage SDK provides a scalable voting interface and significant throughput management capabilities. Combined with highly accurate machine-print OCR (OCR, OCR-A, OCR-B and MICR), screen capture-optimized OCR, handprint (ICR), checkmark (OMR) and barcode (1D and 2D) recognition engines, OmniPage SDK delivers unmatched flexibility and accuracy.

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Simple to use APIs

The OmniPage SDK offers easy-to-use, yet versatile APIs that enable you to build your application and control the characteristics of the recognition and conversion processes. It supports programming in C/C++, Java, .NET, .NET Core and is available in 32-bit and 64-bit versions.

Document Classifier

Documents exist in different types and layouts and it's a common task to identify and categorize them based on their diverse contents. The Document Classifier module enables users to separate different documents and sort them based on layout and/or textual similarities. This intelligent and trainable tool can be used in a wide range of business processes, such as email forwarding, mail-room automation, spam filtering, form processing and data extraction.

Powerful forms processing capabilities

The OmniPage Capture SDK offers various tools and capabilities required to create complete form processing applications. It enables users to easily define form templates for all document types and contains a convenient API to execute form matching and data extraction.

PDF Super Compression

Save valuable storage space and consume less bandwidth with PDF super compression. MRC (mixed raster content) PDF compression reduces file sizes down to 2% of their original size. This technology separates PDF images into multiple layers and applies optimized compression algorithms to each layer leading to dramatic compression ratios.

Reliable, highly available applications

The OmniPage SDK includes innovative capabilities enabling developers to create reliable, long running document processing applications that automatically scale up and take advantage of all or the designated CPU power of a multicore machine.

Broad range of output formats

The OmniPage Capture SDK supports a wide range of image and application formats for outputting the conversion results, including BMP, GIF, TIF, PDF, HTML, Microsoft Office formats (.DOCX, .XLSX, .PPTX), TXT, XML, ePub and more.

Comprehensive language support

Our advanced OCR technologies support more than 125 languages of the world based on the Latin, Greek, Cyrillic alphabets, plus Arabic, Hebrew, Chinese (Traditional and Simplified), Vietnamese, Japanese, Korean and Thai. We provide language detection capabilities for documents with multilingual content.

Key Benefits

- The world's most accurate OCR solution that increases productivity, lower costs and maximizes ROI

- Delivers everything for scanning, OCR, ICR, OMR, barcode, PDF and document conversion

- Enables developers to provide higher value to customers with new and enhanced functionality

- Provides an easy-to-use API to shorten development cycles and accelerate time to market

- Supports enterprise container platforms like Docker for lightning-fast deployments.

Product Configurations

The OmniPage Capture SDK is available in one base kit with optional add-ons:

The Base Western OCR Kit

- C/C++ Libraries for Western OCR engines

- Access to individual OCR engines for application optimization – OCR-A, OCR-B, E-13B (MICR)

- PDF Technology: Support for PDF 2.0, PDF/A, export to PDF normal, PDF image-only, PDF image on text formats and high-compression rate PDF-MRC

Add-on options

- Asian Plus Add-on - OCR engines for Chinese (Simplified and Traditional), Vietnamese, Japanese, Korean, Hebrew, Arabic and Thai.

- Recognition Add-on: Barcode, ICR, OMR, Form Template Editor, Document Classifier Assistant

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Integrated PDF toolkit

Extensive PDF capabilities—including unique PDF overlay matching that achieves up to 100% accuracy in PDF conversion—significantly reduces development costs and time-to-market. The OmniPage Capture SDK supports output to the new PDF 2.0 format and all PDF/A-1, -2, -3 levels, which is ideal for long term document archival and can generate PDF-MRC (mixed raster content) files optimized for file size and quality.

Easy and flexible licensing

OmniPage SDK's licensing options were created with user's needs in mind. It does not require the use of dongles. Different types of licenses are available:

- Developer licenses to install OmniPage Capture SDK and use to develop custom solutions. It also includes a number of test runtime licenses to try out the built application in the target environment

- Runtime licenses to distribute and install the developed applications together with the required OmniPage SDK components. Runtime license options are available on the page count bases or for permanent use

- Licenses for advanced document imaging technologies add ons are available both as developer and runtime licenses, expanding application capabilities as the business requires.

To discover more about Kofax OmniPage Capture for Windows, please call 1-877-396-3156 or visit www.kofax.com/omnipage.

System Requirements

Development environment

- Windows 7, 8, 8.1, 10 x86-x64

- Windows Server 2008 R2, 2012 R2, 2016, 2019, Windows Server Core in Docker containers

- Intel Core 2 Duo or higher processor (Intel Core i3 or higher CPU is recommended)

- 4 GB RAM (6 GB recommended)

- 4 GB free disk space

- Microsoft Visual Studio 2010 SP1, 2012.5, 2013.5, 2015.3, 2017.15.9.5, 2019.16.2.2

Runtime environment

- Windows 7, 8, 8.1, 10 x86-x64

- Windows Server 2008 R2, 2012 R2, 2016, 2019

- Intel Core 2 Duo or higher processor (Intel Core i3 or higher CPU is recommended)

- 2 GB RAM (4 GB recommended)

- 450 MB free disk space (less if not all recognition modules are distributed)

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