

Kofax OmniPage Capture SDK for Linux

The most versatile
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 20 for Linux provides everything you need to add robust imaging, OCR recognition and PDF capabilities to your most critical applications. In addition to outstanding speed and accuracy with numerous product performance options and best-in-class PDF management, OmniPage Capture SDK delivers tools to create reliable OCR and document processing applications with minimal programming required.

Used by commercial vendors who are serious about high OCR accuracy and quality document imaging in their applications, the OmniPage Capture SDK provides scalable recognition, extraordinary PDF support and a simple API that lets you create 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), handprint (ICR), checkmark (OMR) and barcode (1D and 2D) recognition engines, it delivers unmatched flexibility and accuracy.

Simple to use APIs

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

KOFAX



PRODUCT SUMMARY

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), RTF, TXT and XML.

Integrated PDF toolkit

Extensive PDF capabilities—including unique PDF overlay matching that achieves up to 100% accuracy in PDF conversion—allow you to significantly reduce development costs and time-to-market. The OmniPage Capture SDK supports output to 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.

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.

Forms processing capabilities

The OmniPage Capture SDK for Linux offers capabilities for forms processing applications. It enables users extract information from forms using predefined templates. Such templates can be created with the Form Template Editor of the Windows version of OmniPage SDK.

Comprehensive language support

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

Easy and flexible licensing

OmniPage SDK's licensing options were created with the users' 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 it 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 add-ons of advanced document imaging technologies are available both as developer's and runtime licenses to expand the capabilities of the application as the business requires.

To discover more about Kofax OmniPage Capture SDK, visit www.kofax.com/omnipage.

Key Benefits

- The world's most accurate OCR solution increases productivity, lowers costs and maximizes ROI
- Delivers everything you need 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 accelerates time to market
- Differentiate from the competition with the most advanced scanning, OCR and PDF technologies

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
- 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

System Requirements

- Intel or AMD 64-bit CPUs

Tested operating systems:

- Debian 8.8, 9.6
- Ubuntu 14.04, 16.04 and 18.04
- Fedora 28 and 29
- CentOS 7.6
- RedHat Enterprise Linux server 7.6
- Oracle Linux 7.6

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