



Tungsten

# OmniPage Capture SDK™

for Mac

Product Summary

**TUNGSTEN**  
AUTOMATION

## Product Summary

# Tungsten OmniPage Capture SDK for Mac

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 Tungsten 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 Mac 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 powerful form recognition technologies and unique 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 simple APIs that lets you create high-value, competitive products.

## OmniPage Capture SDK 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 programming in C/ C++, language and is available in 32- and 64-bit versions.



## Broad range of output formats

The OmniPage Capture SDK supports a wide range of image and application formats for outputting conversion results, including BMP, GIF, TIF, PDF, HTML, HTML5, Microsoft Office formats (.DOCX, .XLSX), TXT, XML and more.

## Comprehensive language support

Advanced Tungsten 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.

## 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.

## 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. They also include a number of test runtime licenses to try the application in the target environment.
- Runtime licenses to distribute and install the developed applications together with the required OmniPage SDK components.
- Licenses for add-ons of advanced document-imaging technologies are available both as developer and runtime licenses to expand the capabilities of the application as the business requires.

## 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

### Hardware:

#### Development

- Intel or Apple Silicon based computer with macOS
- 4 GB minimum RAM (more for working with grayscale or color images)
- 2 GB free disk space

#### Runtime:

- Intel or Apple Silicon based computer with macOS
- 2 GB minimum RAM
- 800 MB free hard disk space (less if not all recognition modules are distributed)

### Supported versions of macOS:

- macOS 13 (Ventura) 13.3
- macOS 12 (Monterey) 12.6.4
- macOS 11 (Big Sur) 11.7.5

To discover more about OmniPage Capture SDK, visit <https://www.tungstenautomation.com/products/omnipage/omnipage-for-developers/omnipage-capture-sdk-for-mac>.

## About Tungsten Automation

Tungsten Automation, formerly Kofax, is the global leader in intelligent automation solutions with a trusted legacy of nearly 40 years, with a team of 2,000+ employees in 40 countries, serving 25,000+ global customers. Our dedication to innovation and customer success has earned us industry recognition, including being named a leader in Intelligent Automation (IA), Intelligent Document Processing (IDP) and Process Orchestration by top analysts. We are trusted to help businesses gain unprecedented efficiencies and reduce costs through AI-powered workflow automations that propel their businesses into the future.

To learn more, visit [www.TungstenAutomation.com](http://www.TungstenAutomation.com)

[www.TungstenAutomation.com](http://www.TungstenAutomation.com)

