

Nuance® OmniPage Capture SDK 19

The World's No.1 OCR for Windows



Established as the core technology behind all Nuance imaging products, the OmniPage Capture SDK is widely recognised as the No.1 imaging and OCR toolkit on the market today.

The OmniPage Capture SDK 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 19 now delivers improved forms-recognition technologies, enhanced image processing capabilities and a more intuitive user experience.

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.

What's new in version 19?

The OmniPage Capture SDK has always been the gold standard for developers wanting to add sophisticated OCR, imaging and PDF creation and conversion capabilities to their own applications quickly and easily.

And with the release of the OmniPage Capture SDK 19, the best just got even better. Significant accuracy and speed improvements, robust new development features and continued innovation make OmniPage

Benefits of OmniPage Capture SDK 19

- The world's best OCR solution increases productivity, lowers costs, and maximises 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
- Helps your organisation differentiate itself from the competition with the most advanced scanning, OCR and PDF technologies.

Capture SDK the most comprehensive suite of developer tools for integrating document-imaging software.

Refreshed and updated with significant improvements, the OmniPage Capture SDK makes it easy to upgrade your application's capabilities. Add in the substantial enhancements, it's easy to see why OmniPage Capture SDK for Windows remains the preferred choice of savvy developers of commercial imaging vendors.

Form processing made easy

OmniPage Capture SDK 19 significantly expands our form processing technologies. It now includes the new Form Template Editor, a powerful tool that helps create, modify, test and manage form templates. It also includes more powerful function calls for reliable template matching and convenient form data extraction.

Improved recognition

This new release also delivers significant Asian accuracy improvements – for example, layout accuracy has increased by 45% for all Asian languages and the character accuracy is up to 40% better.* OmniPage Capture SDK 19 has also added a Thai OCR engine.

Image processing: convert all the data – even what you can hardly see

OmniPage Capture SDK now delivers a number of improvements in processing of camera and smartphone images using the EXIF information from the cameras. With a plethora of new algorithms for automatic resolution estimation, shading correction and new camera image workflows, OmniPage Capture SDK 19 helps make sure images are processed so that as much as possible information can be detected and converted into text.

Faster, easier and more intuitive developer experience

OmniPage Capture SDK 19 also provides many powerful user and developer experience enhancements, such as streamlined installation, an intuitive and easy-to-use Distribution Wizard, more convenient and productive APIs and settings and much more.

Output: work with the format you prefer

With support for PDF/A-1a, PDF/A-2a, PDF/A-3a, b, u (in addition to the existing PDF/A-1b,-2b and -2u support), OmniPage Capture SDK 19 can help you improve compliance with government and industry standards.

Product configurations

Three configurations are available with three optional add-on components:

Developer Kits:

Professional OCR Kit

- Supports Latin, Greek and Cyrillic languages
- C/C++ / .NET libraries and Active X interface
- Two pre-made voting OCR recognition modules
- Access to three individual OCR engines for application optimisation
- OCR-A, OCR-B, E-13B (MICR), CMC-7 font support

Professional Recognition Kit

- All modules and functionalities in Professional OCR Kit
- Handprint (ICR), Check Mark (OMR) and Barcode (1D and 2D) recognition kits

Asian OCR Kit

- Supports Chinese (Simplified and Traditional), Japanese and Korean
- C/C++ / .NET libraries

Included Application Tool

Form Template Editor

For form template creation, modification, testing and management.

Optional add-on components

PDF Output

Adds support for PDF 1.7, PDF/A, export to PDF Normal, PDF Image-only, PDF Image on Text formats and high-compression rate PDF-MRC.

Professional Toolbox

Provides a collection of visual controls to create and customise UI elements for Windows-based applications, including image display, manual zoning and OCR proofreading tools.

Thai OCR Module

An add-on to Professional OCR or Professional Recognition kit for including Thai OCR engine in the application.

System requirements

Development Environment

- Windows XP SP3, Vista SP2 x86-x64, Windows 7 SP1 x86-x64, Windows 8 x86-x64
- Windows Server 2003 x86-x64, Windows Server 2008 x86-x64/R2, Windows Server 2012 x86-x64/R2
- Intel and AMD 32-bit and 64-bit CPUs
- Microsoft Visual C/C++ version .NET 2003/7.1, .NET 2005/8.0, 2008, 2010, 2012
- Microsoft Visual Basic .NET

Runtime Environment

- Windows XP-SP3, Vista SP2 x86-x64, Windows 7 SP1 x86-x64, Windows 8 x86-x64
- Windows Server 2003 x86-x64, Windows Server 2008 x86-x64/R2, Windows Server 2012 x86-x64/R2

* Also available in OmniPage Capture SDK 18.5 and higher.

