NovoVerus global language optical character recognition (OCR) software converts image-based content to actionable digital text with unparalleled speed and accuracy.

▶ The Challenge: Efficiently digitizing stacks of mixed quality and global language documents

Damage to physical documents due to age, wear or environmental conditions often obscures content. Standard attempts to improve document images often inadvertently eliminate critical character features. Multi-lingual and mixed document types have traditionally required manual sorting prior to digitization, because, while adequate OCR applications have long been available, most cannot distinguish between and handle multiple global languages.

▶ The Solution: NovoVerus – the fastest, most accurate global language OCR anywhere

Previously available only to government agencies and integrators, award-winning NovoDynamics® NovoVerus™ OCR software is a truly intelligent solution that…

- **Recognizes Most Global Languages:** NovoVerus supports the widest range of Roman, Asian, Cyrillic and Middle Eastern languages currently available in any single application.

- **Delivers Unrivaled Accuracy:** NovoVerus can OCR damaged or degraded originals that contain challenging global languages with extraordinary accuracy.

- **Augments Productivity:** Powerful automated language detection and image enhancement reduce the need for human intervention. The intuitive user interface is extremely easy to learn and use.

- **Accelerates Workflow:** A robust application programming interface and plug-in architecture facilitate seamless integration with machine translation systems and other third-party applications.

Supported languages include*:

Arabic
Chinese
English
French
Hebrew
Korean
Pashto
Persian [Farsi, Dari]
Russian
Spanish
Urdu

Automatically identify languages in multi-lingual documents.

Efficiently handle multi-page documents and stacks of mixed document types.

Automatically enhance images of poor quality originals.

Digitize and extract text in Roman, Cyrillic, Asian and Middle Eastern languages.

Increase productivity with an easy-to-learn user interface and customizable workspaces.

Save time with built-in spell checker

Integrate with third-party machine translation applications, content management and other backend systems

*Contact us for our complete list of supported languages.

NovoVerus™

Innovative Engineering for Superior Accuracy and Speed

- **Leading-edge Image Enhancement:** Cleaner images deliver more accurate data. NovoVerus deskews rotated pages, cleans up and optimizes damaged and degraded documents, automatically preparing them for superior OCR results.
- **Automatic Language Identification:** NovoVerus eliminates manual presorting of pages by automatically detecting the primary language.
- **Automatic Font Detection:** NovoVerus recognizes all major font families and has been trained to handle all major fonts in all supported languages.
- **Support for Mixed Scripts:** NovoVerus is able to automatically recognize embedded English and French text within Middle Eastern language documents and Asian language documents to achieve comprehensive OCR results.
- **Intuitive User Interface:** Little setup or training is necessary. Non-technical users can install and start using NovoVerus in minutes.

An Exceptionally Productive Work Environment

- **Convert Global Language Documents to Searchable PDF Files**: Combine scanned document images with OCR results to create searchable PDFs. Use keywords or phrases to search and retrieve PDFs with Adobe® Reader®. Save storage space with compressed PDF files.
- **Spell Checker with Customizable Dictionary:** Integrated spell checking speeds post-editing. Never correct the same word twice. Quickly check a document's spelling and add special dictionary words as necessary.
- **Enhanced Image Viewer**: Reduce eye-strain by viewing enhanced versions of scanned documents.
- **Seamless Workflow:** Third-party machine translation applications are easily integrated with NovoVerus to speed and simplify the process of deriving high-quality translations.

NEW! NovoVerus 4.0 Enhancements

Fully re-engineered as a 32-bit/64-bit stand-alone application and flexible API, NovoVerus 4.0 enables faster processing of larger document volumes and direct integration into other 32-bit/64-bit applications.

Additional key enhancements include:

- Improved automatic language identification for both single- and multi-language documents
- Increased accuracy — up to 43% fewer errors on characters, 42% fewer errors on digits, 29% fewer errors on words
- Unsurpassed English recognition
- Unparalleled support for Middle Eastern languages
- 50% reduction in memory usage allows customers to process more images than ever before
- More flexible licensing options
- Supports latest Windows and Linux operating systems

Minimum System Requirements

- Windows® 7/XP/Vista, Windows Server 2008 or 2012, Linux
- 512MB RAM
- 1.8GHz processor
- 150MB or greater disk storage

Where to Buy

NovoVerus software is available directly from NovoDynamics or via its global network of Certified Solutions Partners.

OEM Licensing

NovoVerus Professional Edition provides .NET and C++ programming interfaces for straight-forward integration into third-party applications.

NovoDynamics, Inc., an In-Q-Tel portfolio company incorporated in 2001, develops intelligent information capture software and provides advanced analytics solutions. Leveraging its pre-eminent image enhancement, pattern recognition and data mining technologies, NovoDynamics® products recognize, extract and index data — even from degraded sources. NovoDynamics solutions analyze large, disparate data sets to address highly complex challenges. With its track record of success in streamlining information on-ramps and adding business intelligence to back-end repositories, NovoDynamics helps organizations leverage their investments in business processes and enterprise resource planning platforms. NovoDynamics products and solutions are used worldwide by commercial industries, governments and academia.

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