ABBYY® FineReader® Server
What's New

ABBYY FineReader Server is a powerful, server-based OCR service for automated document capture and PDF® conversion to make information accessible, searchable, and normalized (standardized). It helps organizations, BPOs, and system integrators to optimize business processes while achieving compliance, collaboration, and long-term archiving goals. Designed for high-performance document processing, FineReader Server enables cost-efficient processes for converting paper, images, and electronic documents into PDF files suitable for search, long-term preservation, or further processing. Quick deployment, easy administration, and automated work routines make FineReader Server an investment that brings fast returns.

ABBYY Recognition Server 1.0, 2.0, 3.0, 3.5, and 4.0 are considered to be the previous versions of ABBYY FineReader Server. Recognition Server has been integrated into the FineReader software line. ABBYY FineReader Server 14 Release 1 includes bug fixes from previous versions and new capabilities as compared to ABBYY Recognition Server 4.

ABBYY FineReader Server 14 includes the following key enhancements:

Technology and core updates

- Improved language support
- Expanded barcode support
- Native 64-bit support
- Remote Administration Console
- Integration and API improvements

PDF processing improvements

- Smart quality detection
- Support for new PDF standards
- Conversion of MSG files to PDF
- Bookmark preservation
- Watermarking

Updated operator stations

- Improved UI on Indexing and Verification Stations
- Text editing on Indexing Station
- Text redaction
- Manual document assembly
- User pattern and language creation on Verification Station
- Automated document indexing

Technology & Core Updates

Improved language support

OCR quality for the CJK and Arabic languages has been improved, and Farsi with dictionary support has been added.

Expanded barcode support

Supported barcodes now include
- Postal: Australia 4-State
- Postal: KIX (Dutch)
- Postal: Royal Mail 4-State (RM4SCC)
- Code 39: Full ASCII Mode
- Code 32
- 2D: Maxi Code

Native 64-bit support

Computers running 64-bit versions of Windows generally have more resources, such as processing power and memory, than their 32-bit predecessors. In addition, 64-bit applications can access more memory than 32-bit applications. Therefore, if user scenarios require working with large files or large data sets, then 64-bit is the right choice.

Remote Administration Console

Starting with FineReader Server 14 R1, the Remote Administration Console allows you to connect to servers that are located outside the local network, making it simpler to work with Microsoft Azure virtual machines.

Integration and API improvements

Improved COM-based and Web APIs make integrations more stable and easier to develop. ABBYY FineReader Server supplements scanning devices and backend software with powerful document capture functionality. Integration with a scanner or another application can be done in various ways, from exchanging e-mails to scripted routing and tight bonding via API.

PDF Processing Improvements

Smart quality detection

FineReader Server 14 auto-detects PDF documents with a high-quality text layer and skips the recognition stage for them, improving speed and quality of document processing.

Support for new PDF standards

FineReader Server 14 now supports the PDF/E standard for output and the PDF/UA extension, which can be used with all other formats.

Conversion of MSG files to PDF

FineReader Server can now process MSG files using the Hot Folder.

Bookmark preservation

Preserve bookmarks and comments from original PDF documents.

Watermarking

Besides headers, footers, and page numbers, you can now add watermarks and logos. A new saving mode (Text and Pictures Only) and other capabilities are available.

Updated Operator Stations

Improved UI on Indexing and Verification Stations

Verification and Indexing Stations have been updated to the FineReader 14 Standard/ Corporate functionality, including redaction, pattern training, and image editing.

Text redaction

Starting with FineReader Server 14, text redaction is available on the Indexing and Verification Stations. This is useful in scenarios where certain text fragments (e.g. those containing sensitive data) should be sanitized at the indexing or verification stage.

Text editing on Indexing Station

Text editing is now also available on the Indexing Station (previously available only on the Verification Station).

Manual document assembly

Manual document assembly is now available on the Verification and Indexing Stations to allow operators to correct possible errors of automatic document separation. If manual document assembly is enabled, the job will be published only after the Operator makes a decision on all documents.

User pattern and language creation on Verification Station

New user languages can be added on the Verification Station, making it easier to work with documents in old languages or containing characters that are missing in default languages. User patterns provide a source of additional information during recognition, used for texts set in decorative fonts and long (more than 100 pages) documents of low print quality.

Automated document indexing

Field region templates can be created on the Indexing Station to help automate indexing, automatically recognizing index fields on the first page using fixed zones (regions).

To find out more about ABBYY FineReader Server, please visit
https://www.abbyy.com/finereader-server/