

# ABBYY® FineReader® PDF 16 Standard

# ABBYY® FineReader® PDF 16 Corporate

# ABBYY® FineReader® PDF for Mac®

	Standard	Corporate	for Mac
<b>User experience and productivity</b>			
Productivity software to manage PDF, scanned, and paper documents in the digital workplace: edit, protect, share, collaborate, convert, compare, digitize, retrieve	+ <a href="#">excl. comparing</a>	+	
Productivity software for document conversion into editable formats and searchable PDFs for all types of PDFs, paper documents, and their images	+	+	+
Easy-to-use interface	+	+	+
Tabbed interface	+	+	
Quick task shortcuts for most popular scenarios in the start window	+	+	+
Direct scanning of paper documents for editing or conversion with built-in scanning interface	+	+	+
High-speed conversion of multi-page documents with effective multi-core processing support	+	+	+
Compliance with accessibility standards (Section 508)	+ <a href="#">VPAT form</a>	+ <a href="#">VPAT form</a>	
High-resolution monitor support	+	+	+
Integration with FineReader PDF Mobile App	+	+	
64-bit application for x64 Windows platforms	+	+	
Integration with Microsoft® Office apps (Outlook, Word, Excel, PowerPoint)	+	+	
Dark Mode support			+
Continuity Camera support			+
Platform (operation system)	Windows	Windows	macOS

## Edit, protect, and collaborate on PDFs

### Edit and organize PDFs

#### Viewing

Open and view PDFs: pages, attachments, metadata, comments, etc.	+	+	+ Pages and metadata only
Zoom and rotate pages for viewing	+	+	+
Full document preview for PDFs in Windows® Explorer and Microsoft® Outlook®	+	+	

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Set FineReader PDF as default PDF application	+	+	+
Various PDF viewing modes: full screen, one or two pages (side-by-side), page-by-page, or with continuous scrolling	+	+	+
PDF navigation using page numbers, thumbnails, and bookmarks	+	+	+ Page numbers only
Open document images and PDFs created by FineReader PDF Mobile app <sup>1</sup>	+	+	
Auto-detection of URLs (links) in the text	+	+	

## Search

Full-text search in any kind of PDF, including scanned PDFs with Background Recognition	+	+	
Search through any part of a PDF: body text, comments, bookmarks, and metadata	+	+	

## Editing and modification

Edit PDFs of any kind: scanned, searchable, digital	+	+	
Edit text within paragraphs, with the text reflowing from line to line	+	+	
Search and replace text in PDFs by specified keywords	+	+	
Edit PDF page layout without conversion: move, add, and adjust text blocks and pictures within a page	+	+	
Edit text in individual cells of a table	+	+	
Add new lines of paragraphs of text into a PDF	+	+	
Reformat text within paragraphs: font, size, style, line spacing, alignment, color, and writing direction	+	+	
Create and edit hyperlinks and internal links within the document, manually or from autodetected URLs	+	+	
Create, delete, rename bookmarks to a page, specific place, or phrase in a PDF	+	+	
Work with detected images in a PDF: delete, resize, move, rotate, or insert new ones	+	+	
Erase a part of an image or any area on a page using the Eraser tool with background color autodetection	+	+	
Enhance image pages including skew correction, image resolution, and page orientation	+	+	
Manage metadata: add, edit, or delete document properties such as authors, keywords etc.	+	+	
Work with attachments: view, add, rename, delete, or save them as separate files	+	+	
Add headers and footers	+	+	
Add and delete watermarks	+	+	
Add Bates Numbering to a PDF	+	+	
Add, create, and manage stamps	+	+	
Apply MRC compression to optimize PDF file size	+	+	
Add text layer to image-only PDFs (e.g., scanned)	+	+	
Split PDF documents by file size, by page count, or by bookmarks	+	+	

## Organizing pages

Manage pages: rearrange, add, or delete them; rotate pages manually or with the automatic correction of page orientation	+	+	
Add pages: blank, from other documents (PDF, images, Microsoft® Office documents etc.), or from a scanner	+	+	
Enhance images of pages, including skew correction, changing image resolution, and page orientation	+	+	
Crop pages	+	+	
"Organise Pages" tool for managing and rearranging PDF pages	+	+	

## Extracting content

Copy texts from digital PDFs	+	+	+
Copy text, images, and tables directly from scanned, searchable, or digital PDFs without losing the original formatting and structure	+	+	
Adjust table separators before copying tables (move, add, and delete separators or merge and split cells)	+	+	

## Filling in forms

Fill in interactive PDF forms	+	+	
Insert digital signatures or facsimile signatures into dedicated form fields	+	+	
Import/export PDF data from form fields (using .fdf files)	+	+	

## Printing

Print PDF documents, with or without comments	+	+	+ without comments only
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## Collaborate on and approve PDFs

View, add, delete, and manage comments directly in a PDF	+	+	
Mark up text using Highlight, Underline, Strikethrough and Insert tools	+	+	
Mark up images, charts, captions, etc. using Notes, Text Box, and drawing tools	+	+	
Search text and mark up search results with one click	+	+	
Add new comments and reply to existing text comments	+	+	
Assign statuses to comments (such as "accepted", "rejected", "canceled", or "completed")	+	+	
Sort or filter comments by author, type, date, flag status, or comment status	+	+	
SharePoint integration: check in/check out	+	+	
Send PDF via email	+	+	

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<b>Protect and sign PDFs</b>			
Protect PDFs with passwords to restrict access to content (i.e., opening, editing, printing, copying text or other content)	+	+	+ via conversion to PDF only
40-bit RC4, 128- or 256-bit AES encryption support	+	+	
Apply digital signatures	+	+	
Automatic validation of digital signatures when a PDF opens	+	+	
Support of LTV digital signatures (DocuSign, etc.)	+	+	
Create a self-signed digital certificate via virtual printer	+	+	
Support of PIN-protected digital certificates (smartcards)	+	+	
SHA256, SHA384, SHA512, MD5 encryption algorithms support for digital signatures	+	+	
Select a time stamp server for digital signatures	+	+	
Adjust digital signature fields to display (reason, location, contact, date, owner information, application version)	+	+	
Redact confidential or personal information in PDFs	+	+	
Search and redact keywords in the entire document (including document text, comments, and metadata) with a few clicks	+	+	
Search and redact keywords by a predefined keyword list	+	+	
Remove hidden information such as text layers added by OCR, comments and annotations, attachments, bookmarks, metadata, links, media, actions, scripts, and form data with one click	+	+	
Compliant with GDPR	+	+	+

## Create and convert PDFs

### Create PDFs

Create PDF, PDF/A, and PDF/UA from Microsoft® Office documents, PDFs, image files, and files in other formats:	+	+	+
	PDF, TIFF, JPEG, JPEG 2000, JBIG2, PNG, BMP, PCX, GIF, DjVu, XPS, DOC(X), XLS(X), PPT(X), VSD(X), HTML, RTF, TXT, ODT, ODS, ODP, SVG	PDF, TIFF, JPEG, JPEG 2000, JBIG2, PNG, BMP, PCX, GIF, DjVu, XPS, DOC(X), XLS(X), PPT(X), VSD(X), HTML, RTF, TXT, ODT, ODS, ODP, SVG	only from PDFs and images (TIFF, JPEG, JPEG 2000, PNG, BMP, GIF)
Create PDF, PDF/A, and PDF/UA documents directly from Microsoft® Word, Excel, and PowerPoint	+	+	
Create PDFs from emails, email attachments and folders in Microsoft® Outlook	+	+	
Create a PDF and send it by e-mail directly from Microsoft® Word or Excel	+	+	
Scan to PDF (incl. searchable PDF)	+	+	+
Enhance visual appearance of scanned PDFs with PreciseScan technology	+	+	
Create PDFs from files in supported formats directly in Windows® Explorer	+	+	
Create PDFs from any application with Print function using a virtual printer – PDF XChange 5.0 for ABBYY FineReader PDF 15	+	+	
Create a blank PDF	+	+	
Save to searchable PDF (modes supported: text under image, text over image, and text and pictures)	+	+	+ via conversion only

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Automatic creation of bookmarks in searchable PDFs based on headings detected in document	+	+	
Save as image-only PDF	+	+	+ via conversion only
Merge multiple Microsoft® Office documents, PDFs, image files, and files in other formats into one PDF	+	+	+ PDFs and images, via conversion only

## Create fillable PDF forms

Create PDF interactive forms from a blank document or by adding elements to an existing PDF	+	+	
Interactive form elements supported: text field (incl. multiline), date, drop-down list, radio button group, check box, signature field, action button	+	+	
Edit interactive PDF forms: add, copy and remove elements, rearrange and align them on a page, change size, appearance and properties	+	+	
Set default field properties	+	+	
Read-only fields, required fields	+	+	
Password protection of created forms from unauthorized changes	+	+	
Actions supported: submit to an email as PDF, html, XFDF; open a file, open a web link, reset the form, go to a page, run JavaScript, and more	+	+	

## Convert PDF

Convert PDFs to Microsoft® Office and other editable formats	+	+	+
	DOC(X), XLS(X), PPTX, HTML, RTF, TXT, CSV, ODT	DOC(X), XLS(X), PPTX, HTML, RTF, TXT, CSV, ODT	DOCX, XLSX, PPTX, HTML, RTF, TXT, CSV, ODT
Convert PDFs to e-book formats	+	+	+
	EPUB, FB2	EPUB, FB2	EPUB, FB2
Convert PDFs to other formats	+	+	
	DjVu	DjVu	
Intelligent PDF conversion (automatic detection of text layer quality and extraction of text from form fields and text boxes)	+	+	

## Multiple PDF processing

Process multiple PDF documents simultaneously to:			
- create PDF/A, PDF/UA, or tagged PDF files			
- reduce file size using MRC compression			
- enhance visual quality of scanned PDFs			
- set password protection	+	+	
- remove hidden data			
- delete metadata			
- convert to supported editable formats			
Merge multiple PDF documents into one when processing	+	+	

## Compare documents in different formats

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### Find differences

Compare and find exact differences in text between two copies of a document across various formats: scans, images, PDF, and text documents – any two of:

+  
PDF, TIFF, JPEG,  
JPEG 2000, JBIG2,  
PNG, BMP, PCX,  
GIF, DjVu, XPS,  
DOC(X), XLS(X),  
PPT(X), VSD(X),  
HTML, RTF, TXT,  
ODT, ODS, ODP

Comparison of multilingual documents

[40 comparison languages](#)

Automatic detection of document languages

+

Finds differences in body text, headers and footers, or numbering

+

Finds differences in filled-out fields of interactive PDF forms and Text Box annotations in PDF files

+

Compare a document with its PDF or scanned copy directly from Microsoft® Word

+

### Review changes

Displays differences as: text deleted, text added, replaced, and punctuation symbols

+

Detection of minor one-letter and punctuation differences can be optionally switched off before comparison

+

Synchronized side-by-side review of differences within the context of the documents being compared

+

Easy review and navigation between the differences across multi-page documents with a differences list

+

Irrelevant differences can be manually discarded before saving comparison results

+

### Save and share results

Save document with differences as Microsoft® Word file in track-changes mode

+

Save document with differences as PDF file with the differences presented as text mark-ups and comments

+

Save the list of differences as a separate table in Microsoft® Word document format

+

## Digitize documents and scans with Optical Character Recognition (OCR)

### OCR and document conversion

Document (OCR) languages supported:

[198](#)

[198](#)

[198](#)

- including languages with dictionary support:

[53](#)

[53](#)

[53](#)

OCR accuracy, up to:

[99.8%<sup>2</sup>](#)

[99.8%<sup>2</sup>](#)

[99.8%<sup>2</sup>](#)

Multilingual document recognition

+

+

+

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Automatic detection of document languages: all languages with dictionary support (except Asian languages)	+	+	
Automatic preprocessing with document classification	+	+	
Retention of document layout including paragraphs, images, tables, background images, and barcodes	+	+	+
Retention of fonts and font styles	+	+	+
Retention of paragraphs with vertical, color, and inverted text	+	+	+
Retention of original structure of multi-page documents, including headers, footers, footnotes, text columns, numbered lists, heading structure, text flow between pages, etc. using ADRT® (Adaptive Document Recognition Technology®)	+	+	+
Recreation of bullet points and numbering by converting them into native Microsoft® Word lists	+	+	+
Retention of hyperlinks – detects links and converts them into true hyperlinks	+	+	+
Recognition of 1-D and 2-D Barcodes	<a href="#">Supported barcodes</a>	<a href="#">Supported barcodes</a>	

## Image acquisition

Scan paper documents directly from FineReader PDF using its built-in scanning interface; adjustable scanning settings	+	+	+
Open images of paper documents in FineReader PDF directly from a smartphone or digital camera connected to the computer	+	+	+
Integration with FineReader PDF Mobile app via a cloud storage <sup>1</sup> for document image and PDF acquisition	+	+	
Support for TWAIN and WIA compatible imaging devices	+	+	
Support for ICA compatible imaging devices			+

## Convert to editable formats

Convert document images, scans, and PDFs:	+	+	+
	PDF (2.0 or earlier), TIFF, JPEG, JPEG 2000, JBIG2, PNG, BMP, PCX, GIF, DjVu, XPS	PDF (2.0 or earlier), TIFF, JPEG, JPEG 2000, JBIG2, PNG, BMP, PCX, GIF, DjVu, XPS	PDF (2.0 or earlier), TIFF, JPEG, JPEG 2000, PNG, BMP
Save conversion results into editable formats:	+	+	+
	DOC(X), XLS(X), PPTX, HTML, RTF, TXT, CSV, ODT	DOC(X), XLS(X), PPTX, HTML, RTF, TXT, CSV, ODT	DOCX, XLSX, PPTX, HTML, RTF, TXT, CSV, ODT
Open a PDF, scanned or photographed document directly in Microsoft® Word for editing (OCR is used)	+	+	
Scan a paper document directly into Microsoft® Word for editing (scanning device is needed; OCR is used)	+	+	
Use document formatting retention profiles (when converting to DOC(X), ODT, RTF): editable copy, exact copy, and formatted or plain text	+	+	+

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Keep/omit page headers and footers, pictures, etc.	+	+	+
Convert multiple documents into editable formats simultaneously using the same settings	+	+	
Merge separate files into one document during conversion	+	+	+

## Prepare document for digital archiving

Digitize to Searchable PDFs	+	+	+
Digitize to ISO standard PDF/A (1a, 1b, 2a, 2b, 2u, 3a, 3b, 3u) for long-term archiving	+	+	+
Digitize to PDF/UA for accessibility compliance	+	+	+
Reduce size of resulting PDF documents up to 20 times <sup>2</sup> with MRC compression	+	+	+
Simultaneously prepare multiple documents for archiving using the same settings	+	+	

## Advanced conversion capabilities

### Recognition areas detection

Automatic detection of document areas (text, table, image, background image, and barcodes)	+	+	+ excl. barcodes
Adjust borders of recognition areas manually; change area type	+	+	+
Specify properties of individual recognition areas	+	+	+ for text areas only
Add, delete, move table separators; merge and split table cells	+	+	+
Specify type and properties of individual table cells, such as text orientation, language, inversion, image content, etc.	+	+	
Copy recognized text from an area without exporting	+	+	+
Adjust the order of areas manually to define the order of content in the output document	+	+	

### Results verification and correction

Text Editor for checking recognition results, correcting text formatting, and reviewing overall document layout before saving	+	+	
Style Editor to check, change, merge, or create font styles in the output document before saving	+	+	
Verify tool for quickly verifying uncertain character and non-dictionary words against the initial document and correcting possible errors before saving	+	+	
Page renumbering tool for restoring the page order after duplex scanning or splitting book pages	+	+	
Find-and-Replace function to correct errors in the entire document	+	+	
Integration with Microsoft® Word Custom Dictionary enables the creation of customized word lists for processing industry-specific documents	+	+	



## Scans and photos pre-processing

Automatically applies a set of necessary pre-processing functions to images captured with scanners or smartphones:	+	+	+
<ul style="list-style-type: none"> <li>- Detect page orientation</li> <li>- Straighten curved text lines</li> <li>- Convert to black and white</li> <li>- Split dual pages</li> <li>- Detect page edges*</li> <li>- Deskew</li> <li>- Whiten page background*</li> <li>- Correct image resolution</li> <li>- Reduce ISO noise*</li> <li>- Remove color marks</li> <li>- Remove motion blur*</li> <li>- Invert colors</li> <li>- Correct trapezoid distortions*</li> </ul>			only enhance images, split facing pages, detect page orientation
*extended pre-processing options especially for photos			

Manual image preprocessing to ensure better accuracy and visual appearance (available in Image Editor):	+	+	+
<ul style="list-style-type: none"> <li>- Split images into multiple pages</li> <li>- Correct image resolution</li> <li>- Clean background color and illumination</li> <li>- Correct ISO noise</li> <li>- Remove color stamps or color pen</li> <li>- Trapezium crop on basic business documents</li> <li>- Correct blurred images</li> <li>- Rotate (90°, 180°, 270°) and flip images</li> <li>- Correct brightness and contrast</li> <li>- Crop pages</li> <li>- Adjust levels</li> <li>- Invert colors</li> <li>- Eraser tool</li> </ul>			excl. clean background, remove color marks, adjust levels, invert colors

Corrections to page images can be applied to: all pages, odd pages, even pages, one or multiple selected pages	+	+	+
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## Customize recognition for specific tasks

Create custom dictionaries and languages	+	+	
Use pattern training to recognize documents with non-standard or decorative characters, ligatures, and fonts	+	+	
Create, save, and reuse area templates	+	+	

## Set up import and export options

Turn off automatic page image pre-processing and/or recognition when pages are added to OCR Editor	+	+	+
Conversion speed control: Fast mode for documents of higher quality; Thorough mode to maximize accuracy on low quality documents	+	+	
Turn off the detection and saving of such elements as headers and footers, pictures, etc.	+	+	+
Save and open converted document	+	+	+
Send To feature to directly open conversion results in Word, Excel®, PowerPoint, PDF Editor, clipboard, or a web browser without saving the file beforehand	+	+	

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## OCR project

Save the current conversion work and its settings even when it's not finished using the OCR Project format	+	+	+
Add documents from files in different formats to an OCR project	+	+	+
Reorder, rotate, and delete pages in an OCR project	+	+	+
Share an OCR Project with colleagues to collaborate on conversion tasks of a larger scale	+	+	

## Automate digitization, conversion, and comparison routines

### Hot Folder<sup>3</sup>

Create a watched folder: a folder monitored by Hot Folder to automatically process any file of supported format placed in it		+	
Set up one or multiple watched folders on a local drive, network drive, FTP server, or in an Outlook® mailbox		+	
Schedule conversions to start at a specific time (one time, recurring daily, weekly, or monthly) or to run constantly (by checking for new files every minute)		+	
Automatically convert newly received email attachments		+	
Convert PDFs, images (JPG, PNG, TIFF, etc.), and scans (XPS, DJVU, etc.)		+	
Save results as editable formats (DOC(X), ODT, XLS(X), RTF, PPTX, etc.), searchable PDFs, images, or an OCR Project for further editing and verification		+	
Document separation supported: by subfolders		+	
Document merge supported: all to one, each subfolder to one		+	
Set up, run, and manage individual Hot Folder tasks for each watched folder		+	

### Custom Automated Tasks

Create custom Automated Tasks for frequently performed document conversions		+	
Share created custom Automated Tasks with other FineReader PDF users		+	

### Command Line Interface (CLI)

Set of CLI commands for running document conversion or comparison with selected parameters and opening the results in a selected application	+	+	
Extended set of CLI commands for saving document conversion or comparison results to a selected file format <sup>4</sup>		+	

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## Bonus for registered users

ABBYY ScreenshotReader: Take screenshots and recognize texts on any area of the screen of your computer

+

+

ABBYY FineReader PDF Mobile for iOS/Android: Capture, organize, and OCR your documents on the go

+

## Licensing & deployment

Licensing for organizations

+

+

+

License Manager tool for centralized license management over LAN for workstations and users

+

+

Automated remote deployment onto multiple workstations in LAN with Active Directory, Microsoft® SCCM, or the command line

+

+

Automatic Activation for deployment onto multiple workstations in LAN without centralized license management

+

+

Support for desktop and application virtualization solutions with Remote User licenses

+

+

Deployment in Microsoft Azure

+

+

Concurrent licensing

+

Additional PDF Viewer app for organizations, compatible with Concurrent licenses

+

Customize FineReader PDF settings using Group Policy Objects (GPO)

+

+

Licensing for using FineReader PDF with RPA solutions

+

WIX-based installer

+

+

## Supported applications and formats

To view the full list of supported applications and formats, please visit the FineReader PDF website:

[pdf.abbyy.com/specifications/](https://pdf.abbyy.com/specifications/)

+

+

[pdf.abbyy.com/finereader-pdf-for-mac/specifications](https://pdf.abbyy.com/finereader-pdf-for-mac/specifications)

+

<sup>1</sup> A separate mobile app, ABBYY FineReader PDF Mobile, is required. A third-party cloud storage must be used for the file exchange.

<sup>2</sup> According to internal testing done by ABBYY.

<sup>3</sup> Hot Folder is capable of processing up to 5,000 pages per month\* (the number of pages resets every 30 days) and uses up to 2 CPU cores for the document conversion.

<sup>4</sup> Extended CLI enabled licenses are time- and page-limited and shall be purchased separately. Please contact Sales team through [pdf.abbyy.com](https://pdf.abbyy.com) for details.