



## CONVERT SCANNED AND ELECTRONIC DOCUMENTS INTO HIGHLY-COMPRESSED PDF OR PDF/A FILES

Easily integrated into workflows, this product family uses our award-winning mixed raster content (MRC) compression technology to convert colour, greyscale or black/white scanned documents into high-quality, highly-compressed PDF and PDF/A files. Our products additionally include the ABBYY OCR technology for full text searching in all PDF and PDF/A files.

### Key functions and advantages:

“We are very pleased with the LuraDocument PDF Compressor. This is what you envisage as a software user. Install, operate, and it runs and runs and runs...”

- Maurice Vogelsänger,  
Helaba

#### Outstanding document compression

Award-winning mixed raster content compression technology compresses high-resolution black/white, greyscale and colour scanned documents with a compression rate of 1:100 or greater. In doing so, it preserves the outstanding image quality and text legibility. The optimal compression results produce lower storage and bandwidth requirements. Moreover, the files are small enough to send by email.

#### Long-term archiving

LuraTech generates ISO-conformant PDF/A documents and therefore ensures that it will be possible to display, read and retrieve these in the long term.

#### Full text searchability

Integrated OCR technology by ABBYY means all PDF and PDF/A files are fully text searchable.

#### Easy integration

LuraTech's document and data conversion solutions are designed to be easily integrated into existing processes. Moreover, they offer enterprises a diverse range of integration models, from comprehensive server-based solutions to toolkits and software development kits (SDKs) that can be embedded into existing systems.

#### Optional

##### Form recognition and data extraction module

Minimises manual processes such as sorting paper batches and reads specified information from scanned documents. These are automatically converted to XML data in order to hand them over to existing systems such as finance or ERP solutions. The LuraTech “Form-Validator” arranges for 100% data accuracy before it is handed over to backoffice systems.

##### Parallel processing

Depending on the license, all of the cores of one machine could be used. Performance increases almost proportionally with the number of cores used.

##### Born Digital module

Convert born digital documents – such as MS Office, e-mail with attachments and PDF – into ISO-compliant PDF/A format for long-term archiving.



For more information  
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### BENCHMARK: LURADOCUMENT PDF/A TO OTHER CONVENTIONAL FORMATS

(Original: 300 DPI, full color RGB, letter size)



## Available Products

### PDF Compressor Enterprise

#### Server Licence Model

Unlimited, without page counting; ideal for cost-effective integration into the document imaging workflow.

#### Advanced Licence Model

Annual page count; ideal for small to medium-sized continuous projects.

#### Basic Licence Model

Page quotas for one-time use; ideal for conversion of old archives and peak loads.

### PDF Compressor Desktop

Ideal for individual users in enterprises which occasionally need to manually convert documents. Please be aware that the desktop version has no OCR functionality!

### System Requirements

Windows® Server 2003 / Server 2008\* / XP / Vista / Windows 7 / Windows 8

CPU Speed: 2GHz or greater (recommended)

RAM: 1GB minimum, 2 GB per processor core (recommended)

250MB free hard drive space

\* Born Digital Module requires Server 2003 or Server 2008

### Compliance

ISO 19005-1 compatible PDF/A-1a and -1b

ISO 19005-2 compatible PDF/A-2u and -2b

ISO 19005-3 compatible PDF/A-3u and -3b

Reader 5-11 compatible PDF 1.4-1.7

### Supported input formats

TIFF (including TIFF with JPEG compression)

JPEG

JPEG2000

BMP

PNM

PDF

MS Office:

Word, Excel, PowerPoint, Visio, WordPerfect \*\*

Open Office: Writer, Calc, Impress \*\*

Email: MSG, with attachments \*\*

Archive: ZIP, RAR \*\*

ASCII text, HTML \*\*

PNG, GIF \*\*

\*\*Born Digital module required



## Product Features

### LuraTech's award-winning Mixed Raster Content (MRC) compression technology

This one-of-a-kind MRC process separates text and image regions into separate layers and is therefore also known as a Multi-Layer Segmentation Process. Afterwards, these segments are optimally compressed.

- JPEG2000 compression for image layer and JBIG2 compression for black/white content and text
- PDF and PDF/A conformant

### High performance thanks to ABBYY's award-winning OCR technology

- Up to 190 recognisable languages
- Automatic deskewing and page orientation
- Additional output formats for OCR results: XML, HTML, Rich Text Format (for MS Word), MS Excel, MS PowerPoint, Plain Text, CSV, ALTO
- Optional: OCR for asian characters (CJK), greek print writing and gothic
- Fully text searchable PDF and PDF/A files

### Barcode Recognition

- Allows automatic indexing and document sorting for multi-page documents
- Barcode values can be added to the PDF metadata and file name and can be compared using Regular Expressions
- Barcode recognition can be limited to a specific area of the page and/or to specific barcode types
- Pages on which a barcode is recognised can be optionally excluded from the result (patch pages and similar)
- Supports 3D barcodes: Aztec, Data Matrix, PDF417, QR Code

### Optional: Module for free-form recognition and data extraction

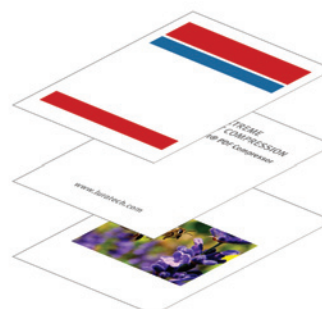
- Automated data extraction from unsorted document batches in a documented XML format
- Form designer for creating individual forms for classifying and recognition numerous form types
- Automatic classification of processed form pages
- Form Validator client for proofreading recognition results.
- Data can be identified with help from the flexible recognition rules- wherever it is in the document
- Lists (e.g. accounts) can be read out even when they are spread across multiple pages

### Optional: Parallel processing

- Automatic division of individual jobs between licensed processor cores
- Automatic load-balancing across processor cores- during parallel execution of multiple jobs, taking job priorities into consideration

### Optional: Born Digital Module

- LuraTech's Born Digital module allows born digital documents- as well as scanned paper documents- to be converted in batch to PDF/A format for long-term archiving



**1. FOREGROUND IMAGE**  
Color of text and graphics

**2. MASK**  
Text and graphics shapes

**3. BACKGROUND IMAGE**  
Background and images

### For more information

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