OPTIMAL COMPRESSION AND CONVERSION OF PDF FILES FOR ULTRA-PORTABILITY

Easily integrated into document imaging workflow, this product family enables conversion of color, grayscale or black-and-white scanned documents into high-quality, highly compressed PDF and PDF/A files using our best-in-class, MRC layered compression technology. Our solutions also offer an integrated ABBYY OCR engine for full text search capabilities in all PDF and PDF/A files.

Key Features and Benefits

"We are quite satisfied with the LuraDocument PDF Compressor. This is what a user expects from a software product. Install, start working and it runs and runs and runs…" - Maurice Vogelsänger, Helaba

Extreme Document Compression
Using LuraTech's best-in-class mixed raster content (MRC) compression technology, high resolution color documents can be reduced to 100 times smaller than their original size and up to 10 times for black and white documents, while maintaining superior image quality and text legibility. Optimizing compression results in lower storage costs and bandwidth requirements and files small enough to email.

Long-Term Archival
By offering ISO-compliant PDF/A, LuraTech ensures that documents maintain their appearance, readability and accessibility long into the future.

Full-text Searchable
With an integrated ABBYY OCR engine, LuraTech enables full text search capabilities in all PDF and PDF/A files.

Ease of Integration
LuraTech's document conversion systems easily integrate into existing workflows and offer users a variety of models, from comprehensive server-based solutions to tool kits that can be incorporated into customized systems.

Optional

Multi-Core Processor Support
Performance of compression and OCR can be increased by nearly 100 percent with each additional processor used.

Form Recognition and Data Extraction Module
An easy to use solution that enables users to minimize manual processes – such as sorting papers and examining extracted data – reads specified information from structured and unstructured documents and automatically creates XML data ready for input into existing systems.

LuraTech's 'Form Validator' client guarantees 100% accuracy prior to import into back office systems.

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

Digital Signature Module
LuraTech offers a single tool in which PDF and PDF/A files can be signed and stored to meet legal requirements (OPENLiMiT SignCubes AG).

LuraTech

BENCHMARK: LURADOCUMENT PDF/A TO OTHER CONVENTIONAL FORMATS
(Original: 300 DPI, full color RGB, letter size)

Format	Size
LuraDocument PDF and PDF/A	49 KB
Scanned PDF	180 KB
Original TIFF	25 MB

Available Products

PDF Compressor Server
Unlimited license for PDF conversion, ideal for integration into document imaging workflow and when processing many documents at one time.

PDF Compressor Advanced
For ongoing projects, this version supports PDF conversion of 5,000 pages per month.

PDF Compressor Basic
A one-time license for PDF conversion of 20,000 pages, ideal for entry-level, project-based batch processing. Easily integrates into workflow and can make use of all CPU's served by a single workstation. Additional cartridges available for varying project sizes.

PDF Compressor Desktop
Ideal for individuals in corporate settings who have occasional manual document conversion needs.

System Requirements
Windows® 2000 / Server2003 */ XP
CPU Speed: 2 GHz or more recommended
RAM: 1 GB minimum, 2 GB per processor
   core recommended
250 MB of free disk space

Born Digital Module requires Server2003

Compliance
ISO 19005-1 compliant PDF/A-1b
Reader 5.0 - 8.0 compliant PDF 1.4 - 1.7

Input Formats
TIFF (including TIFF with JPEG compression)
JPEG
JPEG2000
BMP
PNM
PDF
MS Office *
e-mail (with attachments) *

Requires Born Digital Module

Product Features

LuraTech's Award-Winning Mixed Raster Content (MRC) Compression Technology *
MRC is a unique process through which text and images are separated into their own individual layers – also known as a multi-layered segmentation process – and then optimally compressed.
- JPEG2000 compression for image layers and JBIG2 compression for bitonal content and text
- Optional use of layout analysis to detect images on a page and improve their quality
- PDF and PDF/A compliant

Powered by ABBYY's Award-Winning OCR Technology
- 3 speed modes from most accurate to fastest
- Up to 190 recognition languages
- Auto-deskewing and auto-orientation
- Additional output formats for OCR results include: XML, HTML, Rich Text Format (for MS Word), MS Excel, MS PowerPoint, Plain Text, CSV
- Full-text searchable PDF and PDF/A files

Barcode Recognition
- Enables auto indexing and document separation for multipage documents
- Barcode values can be added to PDF metadata and filenames and matched against regular expressions
- Barcode detection can be restricted to a given rectangular region of the page and/or by barcode type
- Pages with detected barcodes can be optionally excluded from output

Optional: Support of Multi-Core and Multi-Processor Systems
- Automatic distribution of individual compression tasks to available and licensed cores/processors
- Automatic balancing of compression task between started job list entries respecting their individual priorities
- Extended progress information for each compression task
- Multi installations can work in parallel to process a single input data pool allowing for very high volume

Optional: Form Recognition and Data Extraction Module
- Enables automatic data extraction from unsorted batches of documents
- Form Designer application to create individual form designs for classification and recognition of different types of forms
- Automatic classification of processed form pages
- Form Validator client for the correction of the detection results
- XML based form designs and output
- *NEW* Identify data anywhere on the page as a result of more flexible recognition rules
- *NEW* Read lists on multi-page documents, such as invoices
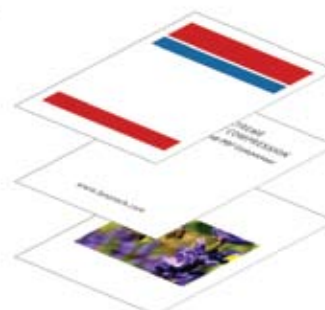- *NEW* Combine individual data fields that are dependent on other fields, such as street, city, state and zip

Optional: Born Digital Module
- *NEW* Supports batch conversion of born digital documents– such as MS Office, Outlook e-mail (with attachments) and PDFs – into ISO-compliant PDF/A format for long-term archiving

Optional: Digital Signature Module
- Certified and acknowledged component for qualified electronic signatures, compliant with regulations
- Detaching and attaching of original data and signature data for all kinds of input files
- Embedded invisible signatures for PDF files
- Batch mode option allowing for application of digital signature to many documents at one time

* MRC Compression

1. FOREGROUND IMAGE
Color of text and graphics

2. MASK
Text and graphics shapes

3. BACKGROUND IMAGE
Background and images

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