

Autobahn DX

High Volume OCR and Document Conversion



- ✓ High Performance OCR
- ✓ Convert TIFF, Image PDF & MS Office
- ✓ Sharepoint Support
- ✓ 24 Languages Supported
- ✓ Compressed Searchable PDFs
- ✓ Automated Job Processing
- ✓ No Page Count Limits
- ✓ PDF/A

Aquaforest software is used by high-profile organizations including NASA, The IRS and The California Supreme Court to convert many millions of documents to searchable PDF format.

Autobahn DX

Autobahn DX is an OCR and document conversion processing product designed to fit into an organization's document workflow. It is able to process and convert a variety of different types of document including TIFF images, Microsoft Office documents and HTML pages, convert those documents to searchable PDFs and perform a variety of other customizable activities.

Highly Compressed PDFs

Autobahn DX supports both Mixed Raster Compression (MRC) for optimal compression of scanned color PDFs as well as JBIG2 for optimal compression of bitonal documents. Color scanning can lead to enormous files which may be 20 times the size of their black and white counterparts. Aquaforest MRC compression uses advanced techniques to ensure that PDF file sizes can be reduced by a factor between 3 and 30.

PDF/A Support

Autobahn DX supports generation of PDF/A compliant files from "born digital" documents such as Microsoft Word as well as scanned image TIFF and PDF files.

Microsoft Sharepoint Support

Sharepoint is supported as a document target destination (Sharepoint Upload) and as a source (Sharepoint Download). This allows Sharepoint document libraries to be populated directly from Autobahn DX jobs.

Intelligent PDF Processing

Unlike many products, the engine does not merely convert input PDFs to a set of images for OCR processing. Aquaforest intelligently analyzes each page of the PDF and determines which pages or partial pages can be OCR'd, and then adds hidden text where required.

Language Support

24 languages are supported including English, Spanish German, French and Italian.

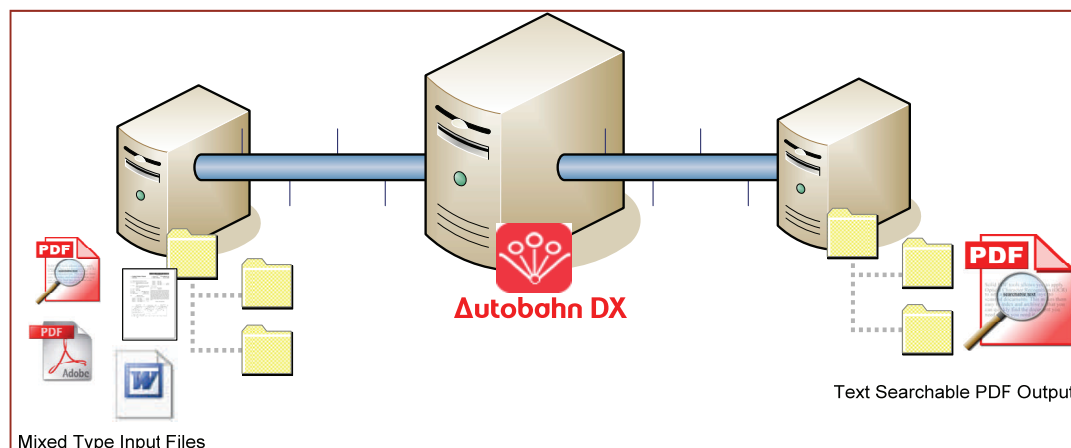
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System Requirements

Server-based version of Windows are recommended (Windows 2003, 2008) but the product is also supported on Windows Vista, Windows XP and Windows 7. Both 64-bit and 32-bit versions are available. High performance CPUs such as Intel i7 are advised along with 4GB of memory.



Accuracy

Aquaforest's OCR engine is highly accurate and capable of 100% accuracy on good quality scanned images.

Image Pre-Processing

For optimal OCR recognition options are available to control image deskew, image despeckling graphics area treatment and auto-rotation to deal with landscape or upside-down images.

Text Searchable PDF Generation

PDFs produced by the Aquaforest engine have hidden embedded text which is fully searchable by Adobe Reader and search engines in CMS or document management systems.

No Page Count Limits

Unlike many other OCR engines, Aquaforest OCR licenses never limit the number of pages that can be processed nor are any additional payments ever required, regardless of the number of pages processed.

Performance

Autobahn DX can take advantage of up to 4 CPU cores in a single job. In addition, more CPU cores can be exploited by configuring multiple concurrent jobs. Aquaforest OCR is designed to be blazingly fast and is capable of processing 800,000 pages in 24 hours on a PC with a 4-core Intel i7-860.

Editions

There are three editions of Autobahn DX which offer different levels of functionality -

Workstation Edition—This includes all the file processing capabilities of the server editions but is intended for interactive rather than batch use so is only suitable for lower volumes.

Server Edition—This adds full batch job support and allows jobs to be run on up to 2 threads.

Network Server Edition—This adds support for Microsoft Exchange, "End User" watched folders and allows jobs to be run on up to 4 threads.

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