

Autobahn DX

High Volume OCR and Document Conversion



- ✓ High Performance OCR
- ✓ Convert TIFF, Image PDF & MS Office
- ✓ Sharepoint Support
- ✓ Multi-Core Support
- ✓ 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 can 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.

Multi-Core Module

The optional Multi-Core Module for Autobahn DX Server allows a single job to process multiple files in parallel and so is ideally suited for processing large volumes of documents and maximizing use of available CPU Cores

Extended OCR Module

The optional Extended OCR Module for Autobahn DX Server adds the IRIS OCR engine as an alternative to the standard Aquaforest engine. This increases the number of languages supported to over 100, including the option for Arabic, Japanese, Korean, Chinese and adds extra output options such as .DOCX

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.

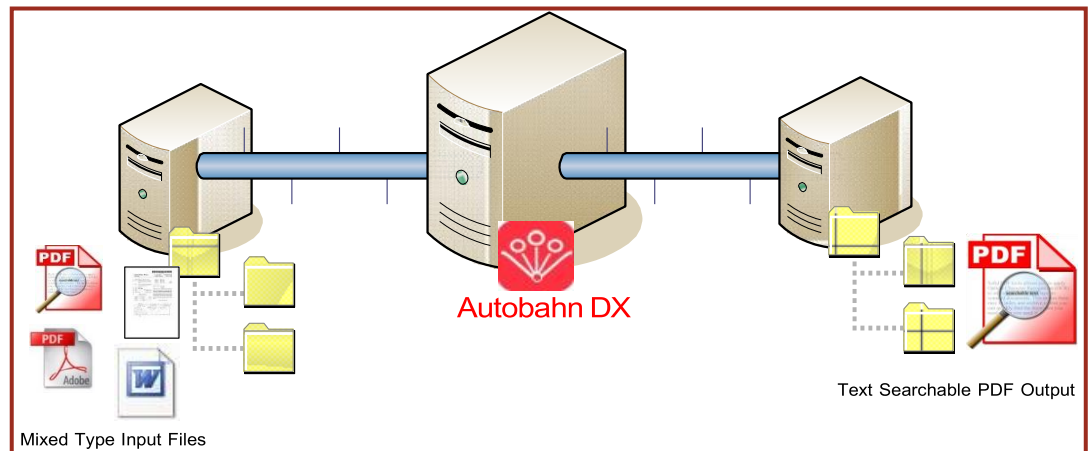
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Aquaforest
Making Content Findable

System Requirements

Server-based version of Windows are recommended (2008 R2, 2012, 2012 R2, 2016) but the product is also supported on Windows 7, Windows 8 & Windows 10. Note, only 64-bit Operating Systems are supported. High performance CPUs such as Intel i7 are advised along with 4GB of memory.



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.

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.

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

Aquaforest OCR is designed to be blazingly fast and with the Multi-Core Module is capable of processing 800,000 pages in 24 hours on a PC with a 8-core Intel i7-860.

Editions and Modules

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 unattended batch job support and many other features required for high volume server processing.

The optional *Multi-Core Module* and *Extended OCR Module* increase the capability of Autobahn DX Server Edition.

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