

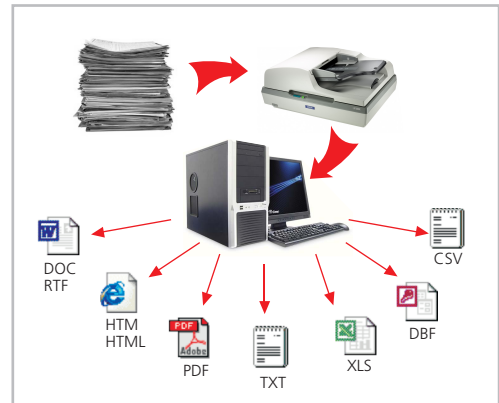
Automated Document Processing Tool for PPS PrePress Systeme GmbH

PPS PrePress Systeme GmbH is a digital paper solutions and media service provider headquartered in Germany. The company specializes in converting paper archives into digital form, allowing full-text information retrieval over decades of newspaper issues and other digitized data. PPS delivers high quality images and recognized text of newspaper pages, which they receive in paper form or in microfilm. For knowledge retrieval, PPS offers flexible and powerful tools from interface projects.

PPS contacted ATAPY Software for creation of a custom document processing tool. The goal was to automate four main tasks:

- accept and route images for subsequent OCR
- use ABBYY FineReader Scripting Edition to recognize the images
- export recognition results to a variety of document formats
- save resulting documents in user-defined output directories

The tool designed by ATAPY detects scanned documents in the user-defined input directories, sends them to working directories, and submits them to ABBYY FineReader for recognition. Recognized documents are stored in the output directories while problematic images go to the special "error directories". An important feature of the application is the capability of exporting each recognized document into several formats: a user gets multiple documents as a result of a single processing phase.



High flexibility and configurability are the key points of the solution designed and implemented by ATAPY. For each output format, the application allows the user to set its individual parameters, such as page size for RTF/DOC, picture resolution for PDF, codepage for HTML, etc. State-of-the-art OCR technology by ABBYY Software House combined with ATAPY's engineering expertise allowed this application to come out fast, highly usable, and cost-effective.



PPS PrePress Systeme GmbH (www.prepress-systeme.de) provides the Publishing industry with state-of-the-art software solutions since 1992, and offers the services of newspaper archives digitization since 1999. PPS PrePress Systeme GmbH offers a line of innovative search solutions, including an enterprise-class intelligent search system «inter:gator» and a semantic search engine «PPS Finder».



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