



"Russia's history is a history of great thinkers. Look at the chess players for example. ATAPY employs highly educated engineers gathered together in an efficient company. The result is quality tailor-made software at a competitive price."

"This partnership has always been a source of innovative solutions for us and our customers. ATAPY has also taken part in the development of our flagship product EasySeparate by implementing the Visioneer OneTouch® Link scanner integration component."

Robert Camerlink
CEO
EasyData B.V.



EasyData and ATAPY: Document Imaging Tools

Since 2001, EasyData B.V. (www.easydata.nl) has been partnering with ATAPY Software to provide companies in Western Europe with high-quality data input solutions based on the OCR/ICR technology of their mutual partner ABBYY Software House. As a subcontractor to EasyData, ATAPY has completed more than 40 projects, each one solving a specific task not answered by off-the-shelf data capture products available on the market.

Document Processing Solutions for Education Industry

A forms processing solution for MEMIC



When MEMIC, the Center for Data and Information Management of the University of Maastricht, faced a huge number of questionnaire images to be picked up page-by-page from different catalogues, merged into multi-page TIFF documents and indexed, it relied on EasyData to deliver the right tool for the job. And just as before, EasyData knew the right people for it. The application developed by ATAPY has now been operating flawlessly at MEMIC for several years and has already processed tens of thousands of forms up to the customer's expectations.

EasyData and ATAPY streamlines the document flow for Wageningen University

ATAPY's experience with barcode recognition came in useful when EasyData received a request from one of its clients for a program that generates PDF files from a flow of scanned document pages.



Wageningen University used a variety of scanners to provide convenient access to academic materials. ATAPY designed a program that launched scanning process through its own interface, stored the images in a specific folder, and combined one-page images into multi-page PDF files. The program employed ABBYY FineReader 6.0 Engine to find barcodes and used the barcoded page as the cover page of the PDF. Then it appended the subsequent images as pages to the PDF until it encountered the next barcoded page. The program provided an efficient GUI for selecting a scanner, specifying the output resolution, setting other important parameters, and controlling the process.

The competency of ATAPY engineers and the power of ABBYY FineReader resulted in a reliable and stable application for converting large volumes of incoming material.

EasyData and ATAPY Deliver an Image Cleaning Solution for Legal Industry

"Raad voor Rechtsbijstand" (www.rvr.org), a Dutch legal agency, faced an unexpected problem while attempting to convert a large archive of various legal records to digital format.

Raad voor Rechtsbijstand

Many documents were printed on intensively colored paper. The same background that made the paper documents look nice and distinct, on black-and-white scans turned up as heavy jitter, inflating the file sizes, making them difficult to read and impossible to OCR.

The agency sought professional advice from EasyData B.V. Having analyzed the issue, EasyData concluded that no ready-made solution, such as despeckling facilities of the modern OCR packages, was able to produce acceptable results, as the jitter was significantly heavier than what those tools were capable of removing. EasyData outsourced the problem for a more thorough research to ATAPY Software. ATAPY engineers designed and implemented a custom algorithm that approached the task more intelligently, taking into account not only the linear characteristics of each dot cluster but also its context (characteristics of the neighboring clusters). The result was a tool which produced nearly-clean images that took up to 10 times less disk space:



Before (OCR rate = 1.9%)



After (OCR rate = 98.9%)

EasyData and ATAPY contribute to the IT program of the Dutch Government



The Dutch Ministry of Justice carried out the assessment program for the living conditions at the correctional institutions in the Netherlands. For this purpose, it distributed and collected large volumes of multi-page questionnaires, reading them automatically with ABBYY FormReader. As the proprietary format of the statistics-and-reporting system did not allow for direct export, the Ministry turned to ABBYY's most experienced integrator in the country for a solution.

EasyData, together with ATAPY, designed a custom export module accessible from ABBYY FormReader toolbar. The module saved recognition results into a special intermediate file format importable into the target system.

About Wageningen University:

Wageningen University and Research Centre (www.wur.nl) is a research and higher education institution which trains specialists (BSc, MSc and PhD) in life sciences.

About the Dutch Ministry of Justice:

The Dutch Ministry of Justice (english.justitie.nl) sees its mission of maintaining order in Dutch society, while ensuring that justice, safety and unity come first. The Ministry employs almost 30,000 civil servants; its main office is located in The Hague.



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