

KAZZINC, Kazakhstan's Multi-Million Zinc Processing Company Effectively Digitizes its Archives with ABBYY Recognition Server

Successful deployment of ABBYY solution resulted in 25,000 pages of important documentation to be electronically archived in just a few months

Manual searching through a paper archive is now a long-gone memory at Kazzinc. Thousands of pages have been digitized, made searchable and electronically archived. Locating and accessing information in a certain document now only takes a few seconds of an employee's time, without the person ever leaving their desk. Thanks to ABBYY Recognition Server, document management at Kazzinc has been effectively addressed and optimized.

Project Description

During the 10 years of company's operation, about 25,000 pages of administrative documents had been archived as hard copies. Needless to say, locating a certain numeric figure in a certain document within a certain file was close to surreal at times. Late 2006, it was decided to address this issue and finally digitize this wealth of data to make it easily accessible and searchable.

After having done a thorough research of the document management market, Kazzinc chose 1C:Archive system as an effective archiving solution. 1C:Archive allows full-text search through stored documents, and that is why after the system was purchased, it was a clear decision to supplement it with a powerful and effective recognition software to enable full-text searching. ABBYY Recognition Server was the #1 and only choice, because it works completely unattended and requires no user experience in OCR – an obvious advantage in terms of cost savings and staff involvement. *"We like the fact that Recognition Server is highly-scalable and open for integration with other programs. In the future we expect to take advantage of these features as well. This will enable us to easily scale the system depending on the workload and integrate it more tightly into our business infrastructure,"* said Valeriy Moshninov, Head of Information Technologies and Automation Department.

It took the IT department about two months to set up the new business process. A workgroup Xerox WorkCentre Pro 123 scanner had been purchased in order



About Kazzinc

Kazzinc is a major fully-integrated Zinc producer established in 1997, with considerable copper, precious metals and lead credits. It employs some 22,000 people in mining, ore dressing, metallurgy, power generation and mechanical production. More information is available at <http://www.kazzinc.com>

to input the paper documents into the system. Scanned images were automatically imported into Recognition Server via the "watched" folder and OCR'ed. Then, the operator collected the newly created searchable PDF documents from the output folder and saved them in the archive. The searchable PDF format turned out to be most optimal, because on one hand, the appearance of the original document was fully preserved; and on the other, this format was suitable for full-text searching and data extracting. *"It is a very useful feature of Recognition Server to automatically convert all documents to a unified format regardless of the format or resolution the user chose while scanning,"* commented Sergey Shimolin, Head of Analysis and Designing Division.

Recognition Server's scheduling feature was taken advantage of: all the voluminous backlog conversion was scheduled for night time, as per the choice of Kazzinc. During office hours, however, Recognition Server was used to process current documents, so their digital searchable copies were available immediately.

In less than two months, most of the digitization and storing had been completed. Now ABBYY Recognition Server is being used for storing current documents, hence keeping the archive up-to-date and not letting papers pile up. Additionally, the program is used to digitize documents, such as procurement or HR paperwork, from other departments within the company.

SUMMARY

Customer:

Kazzinc, Kazakhstan

Document types:

Management documentation / Administrative paperwork

Business goal:

Transition from paper to an electronic archive system, facilitating access to archived documents and their content search.

Products used:

ABBYY Recognition Server in conjunction with Xerox WorkCentre Pro 123 scanner and 1C:Archive system.

"Recognition Server has fit into our project perfectly," concluded Sergey Shimolin. *"To us, the main advantage of this product is that it works completely unattended, without any user involvement. Our operators may not even know about the existence of Recognition Server, even though they work with files received from it everyday! The operators do not spend any time on recognition: they are doing scanning and archiving only. As a result, one person was able to enter 25,000 pages in just one month. I feel that we have addressed this huge issue with voluminous archiving very effectively. Now, every employee has a quick and easy access to this wealth of information, conveniently saved in searchable PDF format."*