Correct Uses ABBYY’s Solution To Automate Processing of Primary School Questionnaires at CICED

**Challenge**
To automate progress monitoring of primary school pupils in various regions of Russia and speed up the input of data from forms into databases.

**Solution**
ABBYY FlexiCapture

**Results**
- Automated capture of data from forms into electronic databases
- Reduced processing times and fewer input errors

**About the customer**
The Center for International Cooperation in Education Development (CICED) of the Russian Academy of National Economy and Public Administration was created by the Russian government on July 14, 2008.

CICED has launched a number of initiatives with the goal of helping international efforts to improve and develop education, especially in developing countries. These initiatives were proposed by Russia during the 2006 G8 summit in Saint Petersburg, and became an integral part of the Russian Federation’s international education development efforts. CICED’s largest partner is the World Bank.

CICED is constantly carrying out R&D in several fields:

- Development, support, and implementation of educational quality evaluation projects, including educational quality assessment tools
- Seminars, conferences, and workshops on educational management and quality assessment
- Development of Russia’s pool of educational management experts
- Creating a communication and networking platform for experts in the field of international education development
- Promoting Russian products, expertise, and educational consulting services globally
- Providing research grants and master and other scholarship programs in the field of educational management

**ABBYY FlexiCapture was used by the Center for International Cooperation in Education Development (CICED) to process over 300,000 forms.**
About the integrator
Correct is a system integrator working in the field of document capture. It is part of the Telekontakt group of companies, owner of Russia’s largest outsourcing call center, with over 3,500 operators. Telekontakt offers a wide range of business process automation services: document scanning and recognition, document and data storage, call centers, SMS services, and mobile banking.

Challenge
CICED needed to check the quality of education in primary schools in several regions of Russia. This included Russian Language and Mathematics tests and surveys of third and fourth graders.

To accomplish this task, CICED had to develop forms, hold tests, and process the results. The tests included open-ended questions that had to be checked by experts, so the software solution used in this project had to have an interface that would permit checking of notebooks and forms.

Over 300,000 pages of forms and tests had to be processed – a daunting task if performed manually. A software solution was needed that could accurately recognize tests and forms from over 7,000 pupils and store the collected data in an electronic database. The deadline was five months away.

Solution
CICED specialists, led by R&D Director Maria Demina, analyzed available data capture technologies and solutions and selected ABBYY FlexiCapture. The amount of processing tasks and tight deadlines meant that the processing tasks had to be outsourced. Processing was outsourced to Correct, a company that has extensive experience in implementing ABBYY’s solutions and maintains a processing center with over 3,500 operators at its disposal.

First, the documents were scanned by means of production scanners capable of scanning 20–40,000 pages a day. These scanners were controlled by five operators working in shifts. Any scanning errors were corrected manually. Next, all of the data was verified on 5–12 verification computers. After undergoing complete verification, the data was entered into tables, and the scanned documents were stored in an electronic archive.

Results
ABBYY FlexiCapture allowed Correct to automate monitoring of primary school pupils’ yearly progress in various regions of Russia. The implemented solution is capable of processing the required volumes of data within the required time periods, while expenses are kept to a minimum. Automated data capture coupled with manual verification provides 100% accuracy. The results were entered into databases within a very short period of time, so that CICED could continue on its mission.

About ABBYY
ABBYY is a leading provider of text recognition and document conversion technologies and services. Its versatile product portfolio for document processing and information retrieval is available on various platforms and devices. ABBYY offers a broad range of solutions designed for specific business and industry needs. Organisations all over the world rely on ABBYY offerings to optimise their paper-intensive business processes. More information at www.ABBYY.com