

Sure recognition: quick and reliable identification through data synchronisation

Plasticard-ZFT acquires customer identification data with the help of ABBYY FormReader



Plasticard-ZFT, the producer of personalised bank cards and customer cards, was confronted with an exciting challenge from a new customer. The company was assigned not only the responsibility of producing and personalising customer cards but also to digitally transfer the data in order to activate the related customer account. In order to avoid misuse, the identity of the person applying for the card had to be clearly verified.

The procedure on which both parties agreed upon requires the identification of the person through a POSTIDENT form. A form, filled out by the entitled person is forwarded to Plasticard-ZFT, where the data must be digitalised and compared to the account information in the database. If the data matches, the account will be activated.

Plasticard-ZFT needed software that could quickly, easily and reliably extract the needed data out of the forms and prepare them for processing. As the company had no experience in form processing it asked for advice from EDV-Partner GmbH, an integrator of individual IT solutions located in Hamburg. In previous projects EDV-Partner GmbH worked with ABBYY technology and was very happy with the results. Therefore, a conjoint decision was made to use ABBYY FormReader Desktop Edition.

With ABBYY FormReader, users have the ability to configure their form processing systems according to their own requirements. The ready-to-use solution offers the performance of a larger processing system on only one workstation and is fast and easy to use.

ABBYY FormReader processes fixed forms and recognises printed text (OCR) as well as handwriting in block letters (ICR), including alphanumerical characters. During the verification process ABBYY FormReader highlights characters that have not been clearly recognised so that they can be manually verified. In just a few seconds the recognition results are displayed and time and money are saved since the user doesn't have to retype the entire document.

During the application process the experience of EDV-Partner GmbH was extremely valuable as they took over the installation, development and customisation of the project locally. With the successful implementation of the solution at Plasticard-ZFT the project could begin. A template was created based on a POSTIDENT form, with which the subsequent scanned forms are compared after their digitalization. The creation of a template is the most important step for form processing with ABBYY FormReader, as every field and its content must be defined. These fields also can be used for feeding a database and exporting data. *"Of all products that were considered ABBYY FormReader was the most professional and up-to-date"* summarises Matthias Daszenies, Development Engineer at Plasticard-ZFT. *"The implementation went smoothly, the daily usage is working well and reliably."*

Upon completion of the test and start-up phases, approximately 1000 forms are being recognised and digitalised daily. ABBYY FormReader extracts the relevant information from the fields and allocates them to the corresponding parameters in the database. A comparison with the existing information completes the identification process and gives the command to activate the account. A POSTIDENT form is saved in the client's archive as a legally valid verification of identification.

The procedure was extremely successful. Using ABBYY FormReader a solution was found for fast digitalisation of data and direct comparison with the database of the client. Thus, for the first time Plasticard-ZFT could not only produce and ship customer cards but also successfully complete the process of activating the corresponding accounts.



About Plasticard-ZFT

Plasticard-ZFT is a producer of plastic cards. Alongside with the production they offer also complete service from concept, personalisation to letter shop. Through developing their own competences in the production and programming of chip cards Plasticard became a partner of lots of software and system houses who develop solutions for card projects.

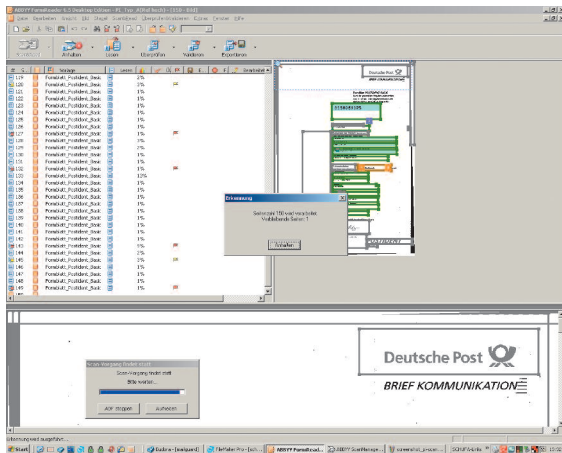
Special strengths of the company are production of chip cards with or without contact in small and middle circulation with complicated instrumentation. That includes different print types, such as offset, screen printing or hot printing, as well as holograms, writing fields or extra security elements.

Contact

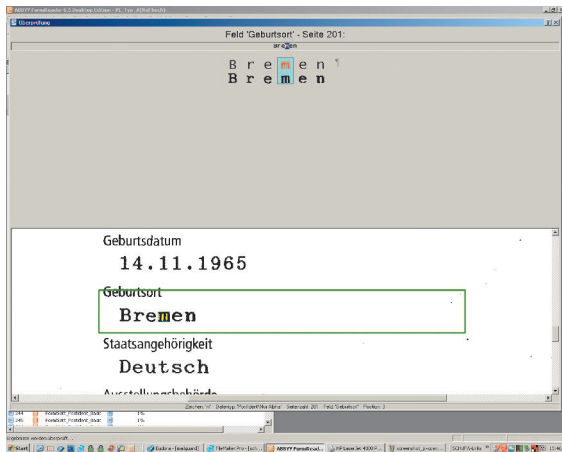
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Finally, all parties are able to profit from the fast processing in addition to keeping the high security standards required. The quick and easy implementation and the savings of time and costs through the automated data capture and the quality of the recognition results confirm the high efficiency of implementing the product. ABBYY FormReader proved once again its versatile usability and its position as an innovative solution with an exciting future.

Visual impressions of Plasticard ZFT use of FormReader



Scanning and recognition of forms



Verification of input data

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About EDV-Partner GmbH

The EDV-Partner GmbH, which has 4 sites in north Germany and 12 employees, is a full-service IT provider for tax consultancies, lawyers and medium sized businesses. It offers one-stop integrated professional solutions at a fair price. Since 1995 EDV-Partner GmbH has had unrestricted client orientation and has made a personal contact person available for each and every client within the entire spectrum of IT and telecommunications technology.

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About ABBYY

ABBYY (ABBYY Software House) develops linguistic and Artificial Intelligence (AI) software providing a full line of OCR and text-processing programs and solutions. ABBYY's products include: FineReader OCR systems – a family of end user programs and development tools for recognition of printed texts, tables and forms; FormReader – an ICR program for recognition and processing of hand-printed forms; and ABBYY FlexiCapture Studio – a software tool that helps to extract data from semi-structured forms and documents.

More information about ABBYY at
www.ABBYY.com