



Industry Paper
A2iA for Digital Transformation



The need to go Digital

Digital technologies are changing the face of business and administration as we know it. The constant evolution of the technology landscape and the widespread disruption that it causes means digital transformation is more relevant than ever. There is an ever-increasing pressure on businesses to remain competitive and meet customer expectations in the digital age, as well as for governments to enable transparency for its citizens. Most have already digitized at least some part of their workflows, be it through e-commerce, web-marketing efforts or the automation of repetitive tasks.

However, an area of digital transformation that remains largely under-exploited in terms of delivering added-value is **data recognition** and **document conversion**. This is often because of an inability to competently address the complexity and diversity of different documents and their contents. For example, imagine extracting data from a handwritten, unstructured document captured via a mobile device and requiring real-time processing. Highly specialized software would be needed to tackle that kind of challenge – and that's where A2iA can help.

Going digital in document-driven processes

Many businesses and governments are still heavily reliant on paper-based form-driven processes – just think of all the forms to be filled out when you open a new bank account or apply for a driver's license. Certain departments such as accounts payable and human resources spend a lot of time manually processing documents, time which could otherwise be spent focusing on more strategic efforts. Going digital provides the opportunity to implement document capture and processing solutions that allow for your data to be captured from documents

and then automatically transferred to the relevant workflow systems – quickly, and without manual interaction.

But what happens when business needs go beyond those of basic document capture? How can you improve your ability to automatically extract and classify data from highly complex documents – such as those that are handwritten and unstructured? By adding A2iA's AI and machine learning-based SDKs into your solutions, this doesn't have to be a stumbling block along your digital transformation journey.



Maximize the success of your Digital Transformation with A2iA's Complex Data Extraction Toolkits

With the ability to be integrated into existing or new applications, A2iA toolkits increase the breadth of your data capture and document processing. A2iA offers software add-ons that enable complex data extraction, image analysis and workflow automation capabilities. These toolkits, available in 11 different languages and customized for the locale in which they are deployed, are critical components that help drive information system accuracy, efficiency and ROI performance.

With 26 years of industry experience, A2iA is an award-winning developer of state-of-the-art data recognition technologies for both desktop and mobile, powered by artificial intelligence, machine learning and neural networks. The SDKs allow for the automatic localization and extraction of printed and cursive handwritten data from structured and unstructured formats. A2iA's software also enables for holistic classification, which analyzes both the layout and content of the documents. This significantly reduces, and oftentimes eliminates, manual sorting.

Our unique ability to address customers' complex data extraction and document processing needs makes A2iA a key enabler for those who wish to truly maximize the benefits of their digital transformation.

A2iA SDKs to drive digital transformation

With the industry's most advanced recognition and classification software geared to tackle even the toughest freeform documents with handwritten data fields, A2iA can help you automate your data entry, improve your accuracy and accelerate your digital transformation.

A2iA has a range of desktop and mobile toolkits to meet these needs, all of which are flexible and scalable to address projects of all sizes and requirements.

Benefits of choosing A2iA

- ✓ Software components that can be adapted to meet your specific needs
- ✓ Reduction in manual labor and paper handling costs
- ✓ Enhanced data collection accuracy
- ✓ Improved and simplified access to data allowing for more detailed analysis and reporting leading to better business intelligence