

a2ia XE

Enhanced Accuracy for Check Image Processing

Data accuracy and automation are critical factors within the banking and fintech space. Higher straight-through processing translates directly into money saved and better customer service.

With a history of more than 25 years in the market, A2iA's team of experts is continuously in search of new ways to improve its core recognition engines and to deliver new and innovative techniques that differentiate its users from their competition. Capitalizing on its in-house R&D laboratory, A2iA's scientists have developed a new approach to data extraction, packaged into a powerful software toolkit for enhanced check image recognition.

By applying an RNN-based engine, *a2ia XE™* delivers significantly higher levels of accuracy as compared to other industry offerings, on machine printed, hand printed and cursive handwritten fields from checks and payment documents. Its flexible and customizable footprint is easily integrated into end-to-end payment, omni-channel and banking solutions, further driving automation and reducing costs.

No Third Parties

Working with A2iA is essentially working with an R&D Team at your fingertips, ready to bring new features and country versions to market. Without any third-party recognition engines inside, A2iA is the only software developer of its kind, delivering a powerful, customizable and tightly integrated SDK. Users gain more control over the capabilities and are secure in knowing the products A2iA provides are proven in more than 42 countries around the world.

Comprehensive & Flexible Engine

In addition to its ability to quickly and automatically locate and extract key fields from payment documents, *a2ia XE™* delivers a comprehensive approach to check image processing. With built-in image quality analysis (IQA) and image usability analysis (IUA), the toolkit ensures that the check meets Check 21 requirements and other industry and regulatory standards.

Key Features

- Powered by an RNN engine
- Increased accuracy rates for even more automation
- RNN-based recognition of:
 - Amount (Courtesy Amount – CAR, and Legal Amount – LAR)
 - Date
 - Payee name
- Recognition of other fields:
 - Payee address
 - Check number
 - Payor name
 - Payor address
 - Codeline
 - Other country-dependent fields
- Image quality analysis (IQA)
- Image usability analysis (IUA)