

# a2ia XE<sup>®</sup>

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. A 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.

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.



**Customizable and flexible footprint, a2ia XE is easily integrated into end-to-end payment, omni-channel and banking solutions, driving further automation and cost reduction.**

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## 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)



## Comprehensive & Flexible Engine

Delivering a powerful, customizable and tightly integrated SDK. 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.