



CHECKREADER

ARTIFICIAL INTELLIGENCE & IMAGE ANALYSIS

A2iA is the most comprehensive check processing toolkit and makes it easy to integrate into a wide range of check processing applications: POD, fraud detection, counterfeit detection, remote capture, ATM and thousands of other applications needing image quality, image usability and check validity all in a single pass.

THE "WORLD'S MOST COMPREHENSIVE CHECK PROCESSING TOOLKIT"

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The "Entire Check" Recognition Software

A2iA CheckReader locates information on checks and extracts the data while providing image quality, image usability & fraud detection.

A2iA CheckReader, is a core component of the majority of image-based check processing systems today. Using its own proprietary artificial intelligence, it automatically reads natural, freeform cursive handwritten and machine-printed information on business and personal checks; substitute checks, money orders; deposits slips and other related payment documents.



Recognition

Amount Recognition



A2iA CheckReader performs Courtesy Amount Recognition (CAR) and Legal Amount Recognition (LAR) in independent processes, enables it to detect mismatched Courtesy and Legal amounts in real time.

Deposit Slip & Coupon Recognition

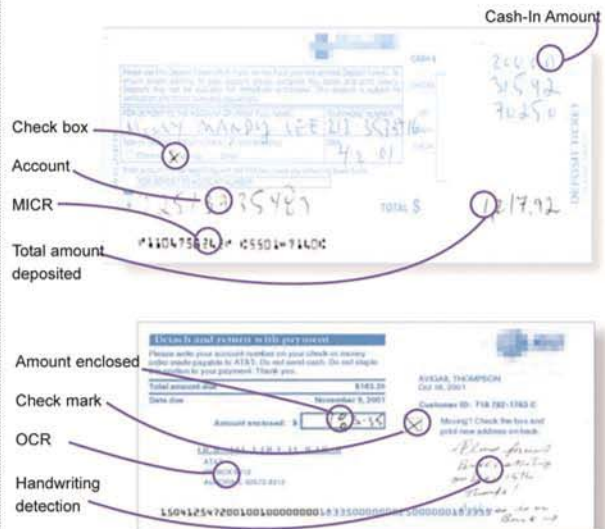


Image Quality / Image Defect Analysis



Image Quality – Are there bent corners, streaks, bands or is the image too dark, etc?

Image Usability Analysis



Image Usability - Is the information on the check present and readable?

Image Validity



Check Validity – Does the image contain data that is appropriate to the transaction?

Image Replacement Document (IRD)



IRD (Substitute Check) Identification & Field Location

Tool Kit Includes

- ActiveX Interface
- Application Programming Interface (API) library for C/C++
- Configuration tool
- Documentation
- Sample code

System Requirements

Platform:
Windows 2000 / NT / XP / 7

CPU:
Pentium III 1 Ghz, (minimum)

RAM:
128 MB recommended

Input:
Images may be provided as files or as memory buffers

Image Resolution:
200- 240 dpi or higher

Image format:
bmp, jpeg, jpeg 2000, tif, color, bitonal or gray

Tools To Reduce Risk

A2iA CheckReader compares the payee name on the check to the issue file and is able to detect modifications. A2iA offers fraud and counterfeit detection features such as Check Stock Validation and Blacklist Detection.

Positive Pay Mode



Other Key A2iA CheckReader Features

- CAR / LAR Mismatch Detection
- Post-Dated / Stale-Dated Check Detection
- Positive Pay / Payee Name Verification
- Black List Payee Name Detection
- Rear Endorsement Detection
- Cursive Handwritten Fields
- MICR Code Recognition
- Memo Line Recognition
- Check Usability and Validity Tests
- Payment Type Classification
- Money Order Detection and Recognition
- Document Identifier
- Coupon Assisted Amount Decisioning

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