



Better than
Human Accuracy
and Speed

Parascript® CheckXpert.AI™

Superior Check Recognition with the Highest Read Rates
reducing costs by more than 80% over other check recognition solutions

Using the latest advancements in machine learning including deep learning, CheckXpert.AI processes payments with better than human accuracy and speed. As banks continue to transform branches to support higher-value interactions, automation of transactional, low-value tasks is crucial. Based upon new deep learning neural networks, CheckXpert.AI offers the financial industry the ability to continue to improve customer experience, supporting a multi-channel strategy while also reducing costs. CheckXpert.AI is the “virtual teller” for banking customers’ remote deposit and branch transformation needs.

Parascript® CheckXpert.AI™

Highest Read Rates Available | Leveraging Deep Learning

Quality Reading and Image Usability Detection Solution

Today, CheckXpert.AI offers the industry's highest accuracy check recognition. By leveraging Parascript's proprietary deep learning algorithms, CheckXpert.AI processes checks in a significantly smarter, more human-like way. CheckXpert.AI takes care of the full stream of documents for Proof of Deposit (POD) and Remittance applications. This includes: business checks, personal checks, internal checks, deposit slips, money orders, traveler checks and Image Replacement Documents (IRDs).



Automatically Recognize & Extract Data

Parascript CheckXpert.AI automatically locates, recognizes and extracts:

- Courtesy and legal amount fields on personal and business checks, cross validates them and returns an aggregated result for the amount on a check.
- Total numeric amount field on other document.
- MICR line on bank documents and produces results on field, sub-fields and character level.



Automatically Read & Extract Payee Line Name

CheckXpert.AI 1.1 now supports reading the payee line for checks, enabling support for new applications including compliance and fraud prevention where the identity of the payee is critical—e.g., Anti-Money Laundering (AML) efforts using blacklists and payee match. Access to the payee enables use cases where the need to provide a pre-defined list is not available. The ability to extract the payee line offers high-quality data without needing to pre-configure the system with payee database information.



Achieve the Industry's Highest Recognition Rates & Accuracy

Parascript CheckXpert.AI offers the industry's highest recognition rates and accuracy with dramatic increases in courtesy and legal amount recognition rates.

Our solution with its industry-leading performance can reduce the cost of data entry by more than 80% compared to other solutions available on the market today.

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Highest Read Rates Available | Leveraging Deep Learning

Technical Specifications



Requirements

- **Platforms:** Windows® 7, 8 & 10, Windows Server 2014 or 2016.
- **CPU:** Intel Core or compatible CPU.
- **RAM:** 256 MB minimum required.
- **Storage:** Complete installation requires a minimum of 130 MB free disk space.



Input & Output

- **Input | Image Format:** Black-and-white TIFF, bitmap (BMP), and JPEG industry-standard images from a file, as well as images from DIB or from memory. CheckXpert.AI also accepts grayscale images (TIFF, BMP and JPEG) with 8 bits per pixel.
- **Input | Image Resolution:** 200-300 dpi, 100 dpi-grayscale.
- **Output |** Main answer with confidence value
- **Output |** List of answers
- **Output |** Sub-answers



APIs & License Protection

- **APIs**
 - C, C++, .NET
- **License Protection**
 - Softlock

For more information visit
www.parascript.com
or call us at **888.225.0169**.

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