



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

For more information visit  
[www.parascript.com](http://www.parascript.com)  
or call us at **888.225.0169**.

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