

Superior Check Recognition with the Highest Read Rates

*reducing costs by more than 80% over other check recognition solutions*

Process

AUTOMATION

Technology

Productivity

Innovation

Repeatability



CHECK RECOGNITION

## Parascript CheckXpert.AI®

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.

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).

# Parascript CheckXpert.AI®

## Automatically Recognize & Extract Data

Parascript CheckXpert.AI automatically locates, recognizes and extracts data

- Superior check amount recognition based on courtesy and legal amount analysis
- MICR line recognition on bank documents and produces results on field, sub-fields and character level.
- CAR/LAR Mismatch Detection
- Check number recognition
- Check date recognition
- Payee line recognition and verification
- Payer block recognition
- Signature presence detection

## Automatically Read & Verify Payee Line

CheckXpert.AI 2.0 now supports both reading and verifying the payee line for checks enabling support for new applications based on Parascript's deep learning technology.

This includes compliance and fraud prevention where the identity of the payee is critical—e.g., such as depositor verification, blacklist verification or whitelist verification.

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 check recognition and accuracy with dramatic increases in 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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# Parascript CheckXpert.AI®

## 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

Input | Image Format: B&W TIFF, bitmap (BMP), and JPEG industry-standard images from a file, as well as images from DIB or from memory.

CheckXpert.AI accepts grayscale images (TIFF, BMP and JPEG) with 8 bits per pixel.

**Input | Image Resolution:** 200-300 dpi, 100 dpi-grayscale.

### OUTPUT

**Output** | Main answer with confidence value

**Output** | List of answers

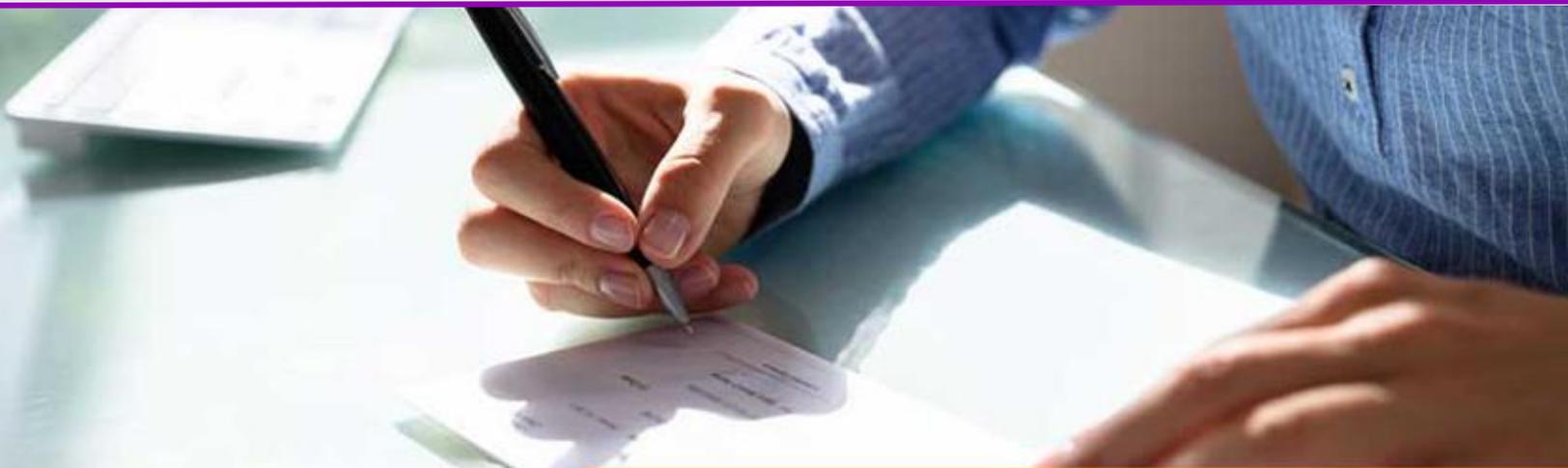
**Output** | Sub-answers

### APIs

**C, C++, .NET**

### LICENSE PROTECTION

**Softlock**



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