

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:

- Courtesy and legal amount fields
- MICR line on bank documents and produces results on field, sub-fields and character level.
- CAR/LAR Mismatch
- Check number
- Check Date
- Payee line recognition and payee line verification
- Payer block
- Signature Presence Detection

Automatically Read Payee Line for Checks & Verify Results

CheckXpert.AI 2.0 now supports both reading the payee line for checks as well as verifying the result with a reference list enabling support for new applications.

This includes compliance and fraud prevention where the identity of the payee is critical—e.g., Anti-Money Laundering (AML) efforts using blacklists and payee match.

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.

888.225.0169 | www.parascript.com

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

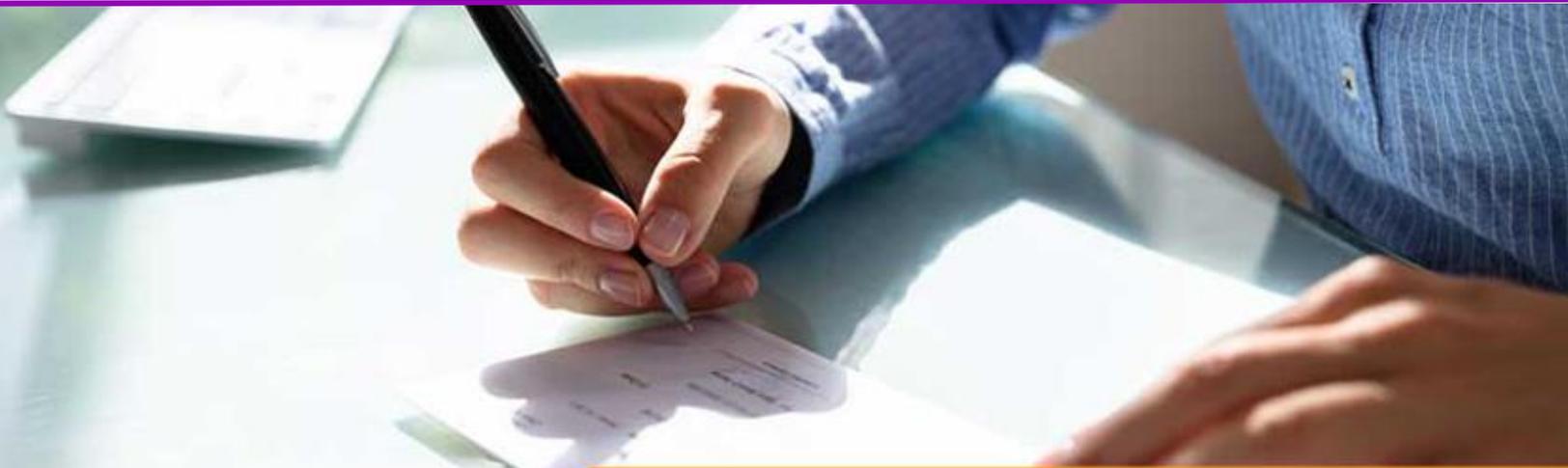
Output | Sub-answers

APIs

C, C++, .NET

LICENSE PROTECTION

Softlock



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