



# Parascript® CheckPlus

Check Recognition, Document Recognition and Signature Verification Solution

*By converging check recognition, forms recognition and signature verification into one product, CheckPlus® is Parascript's general purpose SDK that provides support for many different applications ranging from simple deposit needs requiring amount data to more complex customer solutions that require access to data such as payee, date, check number, signature presence and CAR/LAR mismatch.*

## *Check Recognition and Verification Made Easy*

Process the  
widest variety  
of transactional  
documents  
regardless of the  
data type to support  
varied business  
needs.

### Superior Check Recognition with the Highest Read Rates

Parascript CheckPlus automates check courtesy amount and legal amount recognition (CAR/LAR), check number, payee block and MICR lines, verifies signature presence and locates payor blocks. Parascript's technology delivers:

*Full Stream Document Processing.* An integrated toolkit for recognizing documents in a real-life, mixed stream featuring different formats, backgrounds and noise, styles of writing and text quality. This may include personal checks, business checks, substitute checks or Image Replacement Documents (IRDs), cash tickets, deposit slips and all types of similarly formatted documents and different types of forms.

*Automatic Document Differentiation.* Two modules based on different principles ensure automatic discrimination between document types provided for recognition. This enables CheckPlus to support processing of business checks, personal checks, deposit slips and cash tickets all within the same workflow.

*Different Form Recognition.* CheckPlus recognizes alpha, alpha numeric, date, amount, and checkbox fields plus tables on practically any form type. A business rules mechanism adds form recognition flexibility so users can set guidelines for field processing, define relationships between several fields and specify answer formats.

*Detect Signature Fraud.* Signature presence detection and verification capabilities ensure the industry's highest accuracy rates in detecting random and skilled forgeries. Our advanced capability to produce multiple types of output means quickly adapting to unique business needs.

*Detect CAR/LAR Mismatch.* CheckPlus accurately detects mismatches between check amounts written in numbers (courtesy amount) and letters (legal amount). This provides an added element to detect counterfeits and alterations, and delivers another safeguard against fraud.

*Perform Keyword Search.* Enhance payee line recognition with a powerful keyword search capability. We make it easier to find required documents among check images, and enable integrators to build classification, data mining, reporting and many other applications that increase operational efficiencies in financial institutions.

*Configure for High-Dollar Amount.* Increase the efficiency of applications related to high-dollar documents.



## Technical Product Specifications

### Requirements

- **Platforms:** Windows® 7 Professional, Windows® 7, 8 & 10, Windows Server 2012.
- **CPU:** Pentium III, 500 MHz minimum required.
- **RAM:** 256 MB minimum required.
- **Storage:** Complete installation requires a minimum of 130 MB free disk space.

### 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.  
CheckPlus also accepts grayscale images (TIFF, BMP and JPEG) with 8 bits per pixel.
- **Image Resolution:** 200-300 dpi, 100 dpi-grayscale.

### Output

- Main answer with confidence value
- List of answers
- Sub-answers

### APIs

- ActiveX, C, C++, .NET

### License Protection

- Softlock

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