



Parascript® AddressParcel



Parascript® *AddressParcel* offers an advanced solution for sorting parcels that allows postal and shipping agencies to read greater volumes of parcel addresses more accurately and quickly. *AddressParcel* uses proven recognition technology to recognize the destination addresses on packages with the highest read rates available in the industry. It automatically locates address blocks on parcels, eliminates background noise and corrects for skewed addresses.

Parascript AddressParcel allows postal and shipping agencies to read higher volumes of parcel addresses more accurately and rapidly for greater cost savings.

Advanced Recognition for Parcels: All Shapes, Sizes and Quality

Parcels—unlike letters and flats—pose many address recognition challenges that make readability of critical fields more difficult, such as poor image quality, skewed address labels, and multiple blocks of information. Significant growth in the mail-order business has added to the ever-increasing volume of parcels making it even more crucial for postal and shipping agencies to find a more efficient, cost-effective and reliable solution to mail handling.

Parascript offers an advanced solution for sorting parcels. Parascript *AddressParcel* allows postal and shipping companies to read greater volumes of parcel addresses more accurately and rapidly, in order fully benefit from an automated environment.

Highest Read Rates in the Industry

AddressParcel leverages advanced recognition technology to process the destination addresses on packages and offers the highest read rates available in the industry. *AddressParcel* removes background noise from parcel images, executes automatic skewing correction and processes images rotated at random angles. It is extremely adept at *region of interest location* so that it immediately finds address blocks and labels, and can easily differentiate between them.

AddressParcel incorporates Parascript's exclusive artificial intelligence and pattern recognition technology that accommodates varied input types such as:

- Cursive handwriting,
- Constrained or unconstrained hand print,
- Machine print, and
- Any/all of the above in any combination.

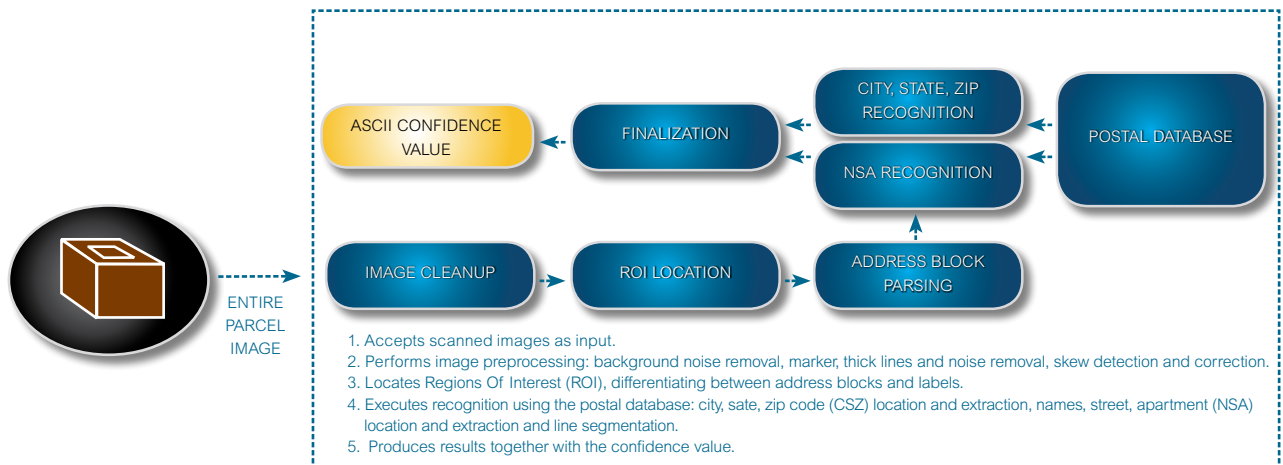
AddressParcel also recognizes entire words and phrases as single entities.



AddressParcel Key Benefits Summary

- **Locates addresses and reduces noise automatically.** AddressParcel automatically locates address blocks on parcels, eliminates background noise, corrects skewed addresses, and removes preprinted lines.
- **Identifies Region of Interest regardless of the location.** AddressParcel uses proprietary Region of Interest capabilities to automatically locate addresses anywhere on a parcel irrespective of position.
- **Differentiates between address blocks and labels.** AddressParcel differentiates between address blocks and address labels.
- **Provides high read rates, accuracy and low error rates.** AddressParcel leverages pattern recognition, artificial intelligence and machine learning technology to rapidly process handwritten and machine-printed address information. It uses “whole word” recognition as well as character recognition for increased read rates and accuracy.
- **Improves parcel deliverability.** AddressParcel executes address validation against the postal database to achieve superior address recognition accuracy and improved parcel deliverability.
- **Captures all address information.** AddressParcel is adaptable to a variety of mail applications because it automatically captures all address information such as city, state, zip code, P.O. Box, street number, street name and apartment number.

How AddressParcel Works



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

Output

- Finalization, accept/reject

Availability

- **AddressParcel** is one of many solutions within Parascript's classification, data location, extraction and validation product suite.

For more information visit our website at www.parascript.com.