



# ADDRESSREADER

ARTIFICIAL INTELLIGENCE & IMAGE ANALYSIS

## STREAMLINING MAIL WORKFLOW

A2iA ADDRESSREADER IS THE LATEST TECHNOLOGY USED FOR AUTOMATIC MAILING ADDRESS RECOGNITION.

A2iA AddressReader uses Intelligent Word Recognition (IWR) to read whole words on handwritten address blocks. This technology will be used to increase the amount of mail that can be handled automatically in both national mail-sorting operations as well as for internal mail sorting in large organizations.

## Address Block Recognition

A2iA's Intelligent Word Recognition technology designed for postal address recognition

From the entire image of the envelope, A2iA AddressReader locates, extracts and recognizes the street, town / city, state and zip of the address (with the help of a user-defined vocabulary and/or a postal

House Number  
and Street Name

Town / City

Suite / Apt

State

Zip Code



## A multi application software

A2iA AddressReader enhances the recognition capabilities of mail processing solutions:

**- Sorting of incoming mail (unopened):**

A2iA AddressReader uses a user-defined address book, which associates the commonalities found among the PO Box, recipient and organization's name for accurate address recognition.

**- Sorting of outgoing mail (unopened):**

By referring to a postal dictionary, A2iA AddressReader extracts and recognizes fields used for routing (town/city & zip), as well as the fields required for delivering the mail piece (street name and number).

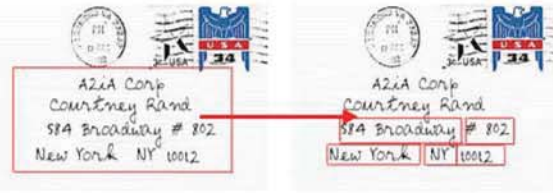
**- Sorting of internal mail (unopened):**

A2iA AddressReader allows you to build customer specific applications using a user-defined vocabulary list to recognize the various address fields (internal codes, recipients and senders' names, departments, etc). The recognition engine handles all internal mail documents (internal envelopes, listings, internal distribution files) in the same processing flow.

### Address block recognition

584 Broadway	NY 10012	New York
<b>Address</b>	<b>State &amp; Zip</b>	<b>Town/City</b>
90	P.O. Box 932058	A2iA Corp
<b>Street number</b>	<b>PO Box</b>	<b>Recipient</b>

### Address Recognition



#### Step 1

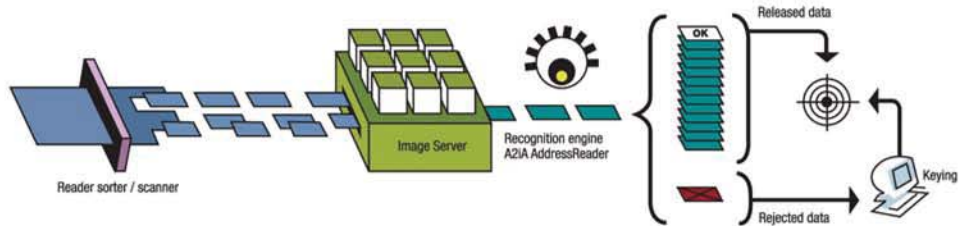
#### Step 2

- 1: Location of the recipient's address and cleaning of the image.
- 2: Segmentation of the image (into lines and into words).
- 3: Using IWR it then provides the recognition results with confidence scores.

### Tool Kit

- > ActiveX Interface
- > API
- > Configuration tool
- > Documents
- > Code Samples

### Easy-to-integrate software



A2iA AddressReader can be seamlessly integrated into any capture and mail-processing solution to enhance your recognition capabilities.

### Technical Support

A2iA 's technical team is at your disposal for personalized project support as well as off- and on-site maintenance.  
 Contacts : support@a2ia.com

### Clients

A2iA has more than 15,000 clients in 23 countries including:

UK Royal Mail, Lloyds TSB, BNP Paribas, GE Card Services, Bank One, French Ministry of Defense, Spanish Social Security, Luxair, Proventus AG, CNAV, HSBC, Barclays, Crédit Agricole, Société Générale

### System Requirements

- Platform:**  
Windows 2000 / NT / XP
- CPU:**  
Pentium III 1 GHz, (minimum requirement)
- RAM:**  
256 MB recommended
- Input:**  
Images may be provided as files or as memory buffers
- Image resolution:**  
200 - 240 dpi or higher
- Image format:**  
bmp, jpeg, jpeg 2000, tif, color, bitonal or gray

### Contacts

For more information on our technology or to inquire about licensing partnerships please contact:

#### EUROPE

A2iA SA - 40 bis, rue Fabert  
 75007 Paris, France  
 Tel. +33 (0) 1 44 42 00 80  
 Fax +33 (0) 1 44 42 00 81  
 info@a2ia.com

#### AMERICAS

A2iA Corp - 584 Broadway, Suite 810  
 New York, NY 10012, USA  
 Tel. 1 917 237 0390  
 Fax 1 917 237 0391  
 info@a2ia.com

Please visit us on the web :

[www.a2ia.com](http://www.a2ia.com)

### Other technologies:

