



DOCUMENTREADER

ARTIFICIAL INTELLIGENCE & IMAGE ANALYSIS

■ ■ ■ MAKE YOUR DOCUMENTS SPEAK

THANKS TO ITS RECOGNITION, DATA EXTRACTION AND CLASSIFICATION FEATURES, A2iA DOCUMENTREADER PROVIDES THE OPPORTUNITY FOR COMPANIES TO DEMATERIALISE ALL INCOMING MAIL.

Classification of all Types of Paper Document

A2iA DocumentReader automatically processes the varying flow of incoming documents. It classifies digitized documents into "categories" (letter, identity papers, contract, etc.) based on both their geometry and their content. The software analyses the layout of items on the document.

Then, using a general dictionary and trade vocabulary, it carries out a literal transcription of the handwritten and/or typed areas. It then extracts the key words in order to determine the category of the document.

Data Extraction

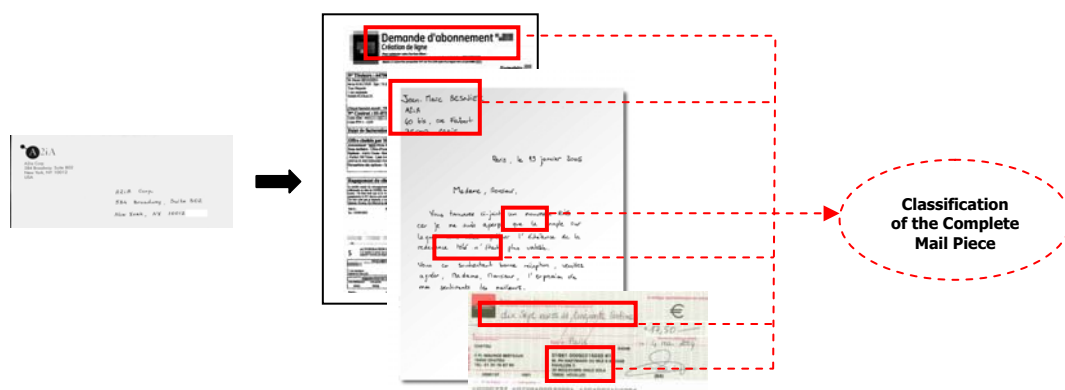
A2iA DocumentReader uses 3 methods to extract data from all types of paper document:

- **Extraction from predefined documents.** Some documents (such as checks, bank details and envelopes) are preconfigured in A2iA DocumentReader. The software recognises their structure, the format of data to be extracted and their location on the document.
- **Extraction from structured documents.** A2iA DocumentReader recognises and extracts data with a fixed location in the document.
- **Extraction from semi-structured documents.** The layout of the document varies but the data to be extracted remain unchanged. A2iA DocumentReader locates them by their format and the proximity of key words, wherever they appear on the document.

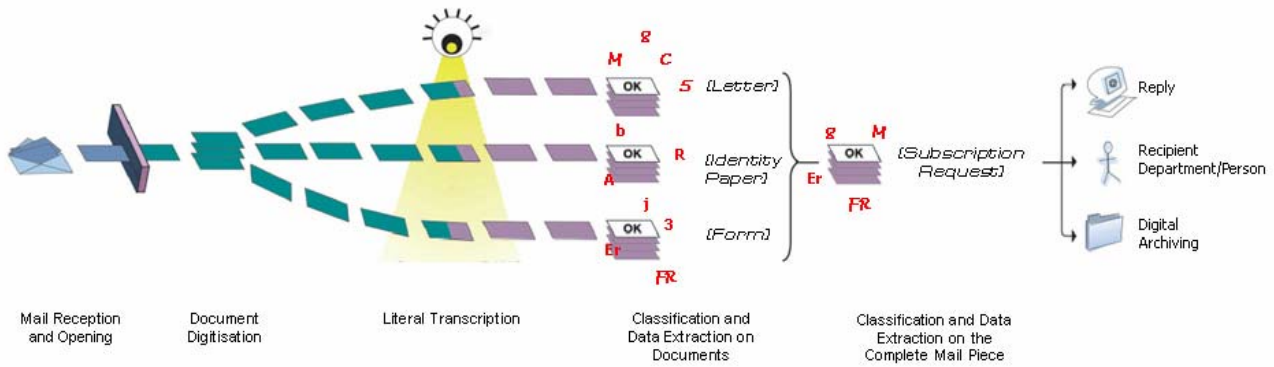
Mail Processing

A2iA DocumentReader synthesises data extracted from different documents to identify the purpose of the mail (termination of subscription, request for assistance, change of address, etc.). A2iA DocumentReader then transmits the digital data to the classification application in order to direct the mail to the correct person.

Mail is sent to the correct person or department as soon as it arrives: processing and response times are minimised.



Example of Classification of a Piece of Incoming Mail



A2iA Business Consulting Team

- > COM Interface
- > API
- > Configuracion Tool
- > Documents
- > Examples code

The A2iA Business Consulting team offers assistance to firms experiencing specific difficulties in document processing to help them implement an entirely tailored solution.

The A2iA Business Consulting team provides:

- Real technological expertise
- A dedicated team of specialised engineers
- The capacity to manage complex projects
- The development of tailored solutions
- Assistance at each stage of the project.

A2iA's technical team is at your disposal for personalised project support as well as off- and on-site maintenance.

A2iA Clients

More than 1000 clients worldwide trust A2iA:

EMEA: support.emea@a2ia.com
 N & S America: support.us@a2ia.com

Royal Mail, British Telecom, Barclays, Yale University, France Telecom, Ministerio de Defensa francés, La Poste, LCL, BNP Paribas, Banque Populaire, Société Générale, Caisse d'Epargne, Caixa Bank, CNAV, Crédit Agricole, Crédit du Nord, DHL, Eurofins, Luxair, Proventus AG, Previdenza Seguridad Social española, UPS, HSBC, Lloyds TSB, Natwest, Telstra, Winterthur...

Platform:
 Windows 2000 / 2003/ NT / XP Pro

CPU: Pentium IV Bi-core 3 GHz,
 (recommended)

RAM: 2 go (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, tiff, colour, bitonal or gray

Partners

A2iA DocumentReader is integrated into the market's mains document processing solutions:



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Other solutions :

