

Prepare

Scanning from Documents, Forms, Paper Faxes etc.

Emails

Remote Data, Internet, Extranet, Digital Fax

Import

Images and Digital Data

Identify

Automatic Identification

Identify

FormsRec® Automatic Identification (AI)
FormsRec® AI classifies different documents into document classes (e.g. invoices, forms, orders etc.) or into more detailed document types (e.g. invoices from a particular vendor).

- Two methods of document classification:
- The **global method** classifies objects in a document based on a textural analysis using interpretation rules
 - The **trained method** searches for certain known features of a document at constant or variable positions on the page

Interpret

Intelligent Recognition

- Voting
- Intelligent Business Rules
- Fuzzy Logic
- Database Access

Document Analysis

Intelligent Business Rules
Apply rules based on **your** documents to get even better results.

Fuzzy Logic and Database Access reduces the Error Rate
Recognition results are compared with existing data via ODBC or FormsRec®'s unique Fuzzy Logic.

FormsRec® Document Analysis (DA)
The Document Analyzer interprets data captured from images on the basis of predefined rules:

- Forms definitions
- Text analysis rules
- Address search
- Field structure analysis (e.g. structural description of date fields MM/DD/YY)

Validate

Image-based Correction

Mass Verification

Image and field-based correction (COR)
FormsRec® COR checks the individual reading areas for rejected and substituted characters. Snippets of the recognized data are clearly displayed with the field to be validated, and the recognized data is highlighted on the associated image, easing the task of manual correction. Database queries, business rules and other edit checks can be performed during manual correction. The correction screen layout is freely definable for further flexibility and ease of use.

Mass Verification (COM)
FormsRec® COM is especially useful when correcting numbers where no logical plausibility check applies. FormsRec® COM displays individual characters of a particular class (example: all 1s) together on the screen. Shown in this context, the eye can quickly pick up and correct badly read characters.

Export

Data Export to File or Database

Export
FormsRec® can export the captured data to an ASCII interface for further processing by back-end systems. Alternatively, the data can be transferred via ODBC interfaces to any compatible database. FormsRec® is compatible with SAP and other standard interfaces.

Post-Process

Data Storage

Transfer to Host

Image Archival

Post-Process
FormsRec® has completed its task
The exported data can be further processed as required.

Prepare
Capture/digitize information from incoming documents and forms.

Import
Integrated image preprocessing functions guarantee optimum recognition results:

- Line, box and noise removal
- Image de-skew
- Flexible image adjustment on the document as a whole or on individual fields

Interpret
Recognition
We offer you the state-of-the-art in document recognition technologies. Intelligent Character Recognition with FormsRec® means:

- Reading handprint and machine print characters
- Optical mark reading
- Recognition of all typical barcodes

Voting: Let the experts decide
The Voting method analyses the results of different reading engines to obtain an optimal overall recognition result. The recognition quality is improved by combining the strengths of several engines.

FormsRec®

The Intelligent Recognition Choice.

More information from your printed documents

With FormsRec® you can quickly capture any information you need to enable you to process your documents completely. Using extensible interpretation rules, FormsRec® finds the appropriate field-data in your documents, forms, invoices etc. You can train the system yourself to adapt to your changing needs. It couldn't be more flexible!

Reduce your data capture time

FormsRec® reduces interactive processing by extracting relevant data during document analysis, using interpretation rules. The manual processing time for these documents is drastically reduced.

Optimal data quality

FormsRec® recognition technologies are state-of-the-art; even with skewed, disoriented or otherwise flawed images, you are assured of optimal recognition results. The correction and verification tools minimize the rate of errors.

FormsRec® is rational

The software processes your daily mail and extracts information fully automatically as pre-defined; names, addresses, amounts, dates etc. can all be extracted from documents or forms as required by any application within your organization. Applying business rules and interacting with existing data adds intelligence to the process to get even better results. FormsRec® bridges the gap between printed documents (non-coded information) and electronic data (coded information).

The FormsRec® software solution can be applied in many different areas of business; retailers, manufacturers, banks, distributors, mail order companies. In fact any business or institute with large volumes of documents to be keyed can benefit from using FormsRec®. Within your business, there is no limit to the type or number of applications that can take advantage of FormsRec®. Choose FormsRec® for Invoices to solve your high-volume purchasing problem, or build a custom FormsRec® application to suit your needs using All for One's expertise and the FormsRec® development toolkit. All FormsRec® solutions can integrate with existing applications as required.

FormsRec® for Invoices

A ready-to-install solution to automate Accounts Payable invoices

- Random format/vendor
- Unsorted, multi-language
- Export/Interface to your existing AP application

Custom Applications

All for One can automate any of your high-volume documents

- Insurance documents
- Health Care forms
- Delivery notes
- Reply cards
- Time cards
- Any other document/form
- Export/interface to your existing applications

All for One.
Software Inc.

All for one. And one for all.



All for One Systemhaus AG (All for One Software, Inc. in North America) is an international systems and solutions provider. Extensive technology and industry expertise, combined with innovative software solutions in our four business segments – All for Documents, All for Care, All for Industry and All for Public – have been giving our customers the leading edge for more than 20 years. Our clients consist of well-known Fortune 500 and mid-sized companies as well as government organizations. Combining our excellent software products, industry knowledge and application development skills, All for One now has over 1500 successful implementations, with revenues in excess of \$50 million, increasing annually.

AWARDED

"Most successful SAP Value-Added Reseller in Europe 2001"

Unstructured, High Volume Documents
Require Structured, High Performance Solutions

All for One. The company.

Established in 1978 as a consulting company, All for One Systemhaus AG with its national and international offices is one of the leading solution providers in Germany today with over 350 employees.

Our unique industry competencies and the ability to convert them into successful software products and projects on the latest platforms have made us one of the leading providers of full range system solutions.

In North America, All for One Software, Inc. is a strategic part of the All for Documents corporate business segment, and is dedicated to provide the best Automated Document Processing Solutions available today.

All for One. The service.

Excellent references from over 1500 system implementations worldwide provide proof of our outstanding and award-winning service.

All for one. And one for all.

characterizes our strong customer orientation and complete range of services.

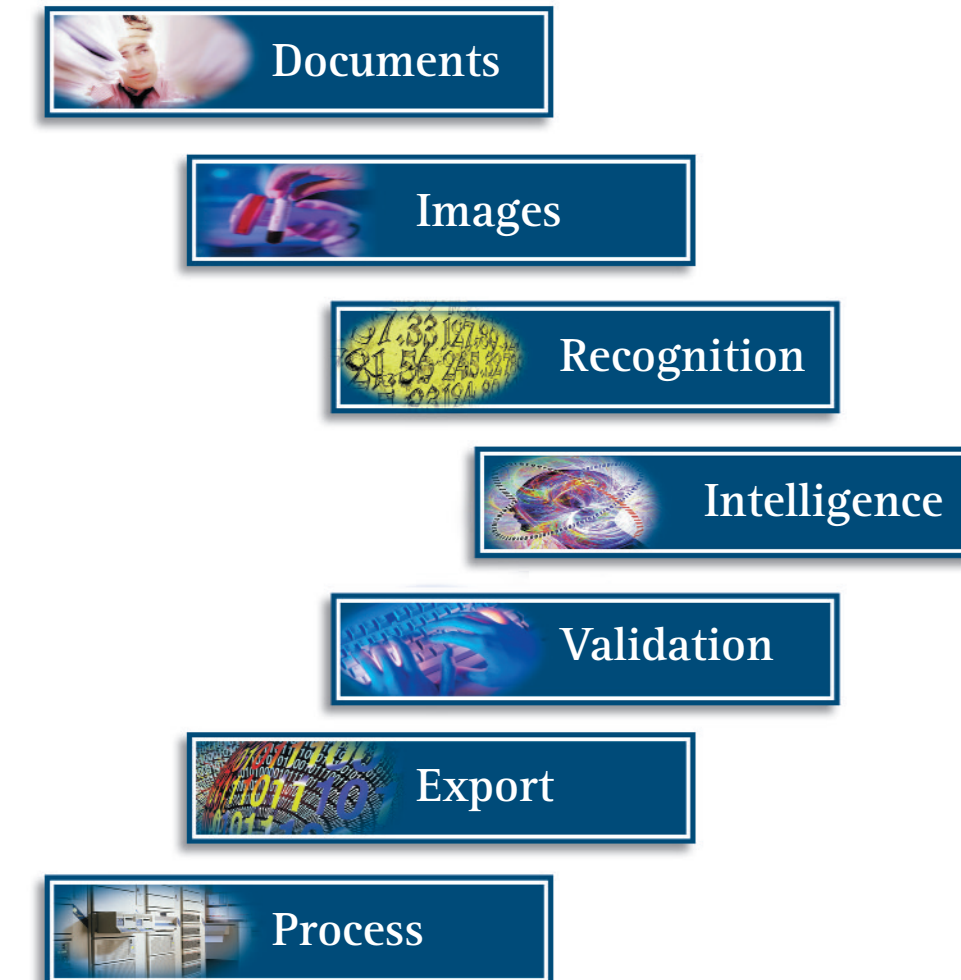
No project is too large or too small. Working hand in hand with our clients, All for One can cover all phases of the project, depending on our clients' needs.

From conceptual and detailed design through implementation, with customer training and complete management of the project, our clients can expect the highest quality of service from All for One.

All for One.
Software Inc.

All for one. And one for all.

Automated Document Processing



FormsRec®
The Intelligent Recognition Choice.