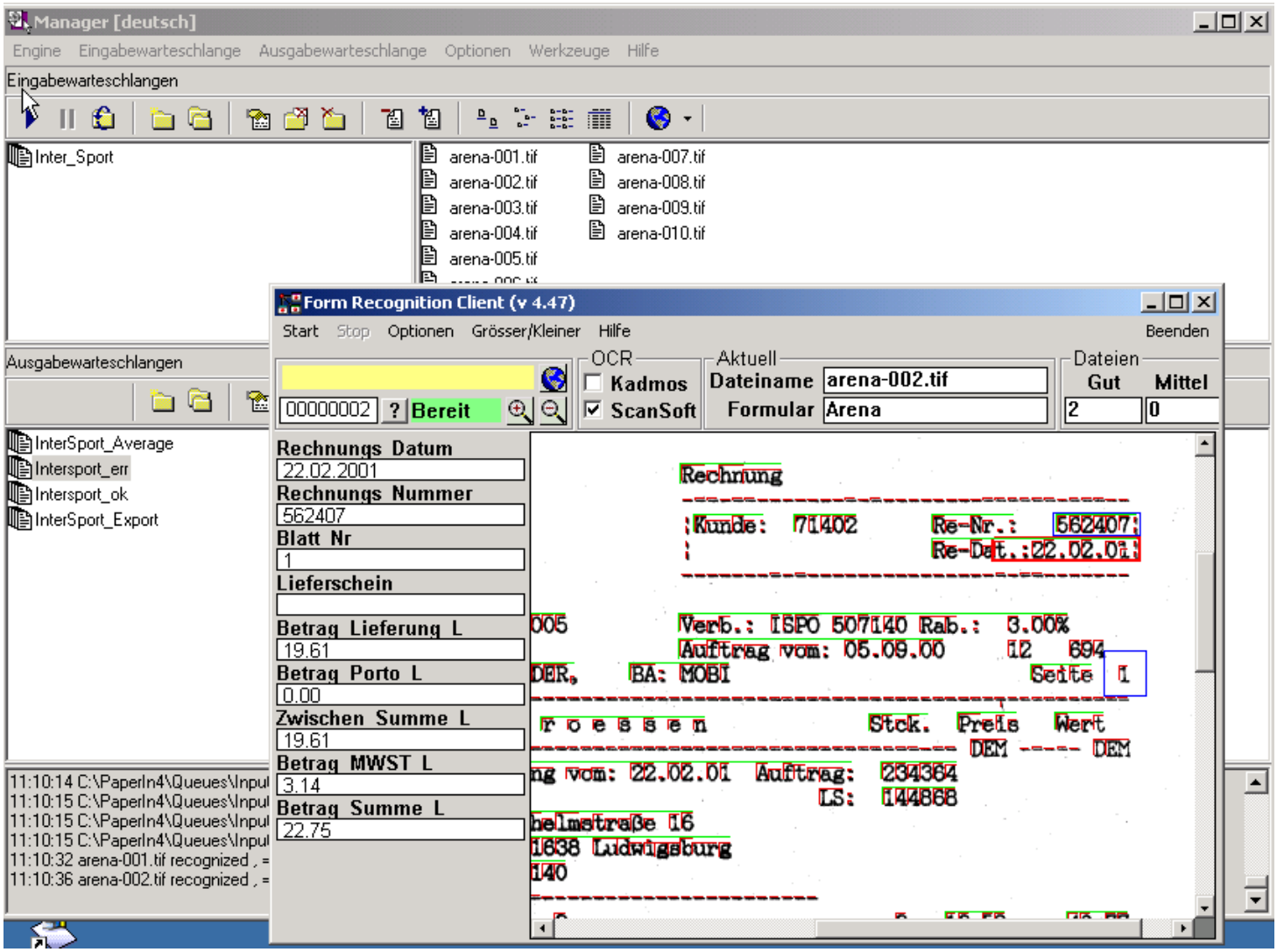
PAPERIN

Multifunctional Data Entry System

Data entry system for large volumes of forms and unstructured documents



*Paper*In...

- replaces manual input of documents for further processes
- interprets defined areas on forms
- interprets unstructured documents as well as their allocation to a workflow
- interprets faxes and allows to manage their content to defined processes.
- recognizes Latin and Cyrillic printed fonts with XIS (Kurzweil) ICR (Intelligent Character Recognition) processing withour predefining the font family .
- descew of inclined scans or printed pages; precise positioning of defined fields according to graphical attributes on the document; removal of interfering lines, undesirable signs and noise.
- separates defined processes in different directories.
- based on a modular concept. Functions and parts of the program may be optimized to meet individual requirements with different working tasks. All modules use a similar screen layout and can infringe upon, extend to, and are complementary to one another.
- multilingual screen layout.

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Server module:

- **DocRec Manager**: Management of database with configurations, users, projects
- **FormrecWS**: Document recognition

Client Module:

- **DocRec Designer**: Definition of forms and Documents
- **DocRec PostEdit**: Editor for corrections with image viewing
- **DocRec Admin**: Definition of users, projects and access rights

additional module:

- **Analysis of documents**: Content related exploitation

Technical specifications:

Character recognition/fonts: printed fonts (Omnifont[1)]), Glyph[3)], check boxes, single character handwriting[2)] and barcode
Character size: 8-72 dots at 200 dpi
Area :Unlimited number of fields, freely configurable
Criteria: Alphanumeric, numeric, monetary, date
Validation: Built in and user definable validation
User interface: Graphical menu driven user interface
Form definition: Interactive, according to scanned documents
Preprocessing: Removal of lines, boxes and noise, deskew of image
Postprocessing: Interactive, image related
Batch processing: Multiqueue management
Image processing: Saving of descewed images (optional)
Image acceptance: Various resolutions and formats, z.B. CCITT G3/G4
Data output for text: ASCII, ISO, Xdoc[2)], PDF[3)], XML
For databases: reference of image to outside area of database or embedded in file.
Operating system: NT 4.SP6[4)], Windows 2000[4)], Windows XP[4)]

PC requirements: Intel Pentium III, min. 1GHz, min. 256 MB RAM, minimum SuperVGA; 19" monitor recomended

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