

Automating EOB processing with *Paradatec's* PROSAR-AIDA

PROSAR-AIDA from *Paradatec* can produce measurable benefits at every level of the organization by improving the speed and efficiency at which a company captures and processes patient Explanation Of Benefits information. The benefits resulting from PROSAR-AIDA encompass additional revenues as well as savings from reduced costs.

Hard Dollar Savings

Labor savings

- Reduced need for data entry operators; document prep workers, sorters, etc.
- Increased accuracy of data extracted from EOB's reduces the time spent on error correction

Improved cash management

- Faster payment postings and access to more accurate payment data, means increased control over billing and accounting processes, which leads to better overall cash flow management
- Faster, more accurate generation of critical payment data, expedites the process of Secondary Claim submissions

Rapid return on investment

- In mid to high volume organizations, the payback on PROSAR-AIDA is usually less than a year

Soft Dollar Benefits

Increased worker productivity

- More EOB's are processed in a shorter time
- Other healthcare management processes dependent on content extracted from EOB documents, are shortened. Resulting in truncated business cycles from increased throughput

Improved customer service

- Faster and more accurate EOB processing means that more customers get served more rapidly, with fewer payment errors

Less Employee burden

- Reduced data entry labor requirements mean higher employee motivation, less error rates, stable productivity level, better flow of information

The Challenges of Processing EOB's

- No fixed form layout
- Not possible to pre-define "reading zones" to perform Doc ID & Data Extraction
- Multiple patients per page
- Data positions for: Patient name; Claim number; Allowed; Billed; Procedure code, will vary by provider
- Labor intensive data entry

Why PROSAR-AIDA ?

- PROSAR-AIDA does not use templates or make assumptions about the layout of potential documents or forms.
- It always performs a full-page OCR.
- It analyzes the OCR output based on rules that define the general properties of the various types of documents.
- It then determines the document type such as an EOB.
- Rules also indicate the general properties of data fields to be extracted (without needing to know locations of data fields).
- Rules are provided without programming via a simple user interface.
- Despite a full-page OCR for each page, PROSAR-AIDA typically processes a page per second or roughly 3,000 images per hour on a single PC.
- A unique feature of PROSAR-AIDA is the ability to extract large volumes of tabulated data, such as line items on an EOB form to a high degree of accuracy and with a minimum amount of effort by the end-user.

Automating the process

REMITTANCE ADVICE
PROVIDER ABC

PARADATEC SURGICAL INC
P.O. BOX 822
LOVELAND, OH 45140-0822

DEC, 25, 2003
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Remittance No: WERD -0001234567
Payee No: 31-1456789 B

Patient Name	Member ID#	Your Acct#	Claim #	Receipt Date
Svc Date	Billed	Allowed	Cont. Adj	Ben. Payable Ex
LILLEE, DENNIS	272-99-1234	1212222333	3333333-C44-050	06/29/2003
06/14/03 A1234	68.00	38.50	29.50	38.50
L4A TOTAL	68.00	38.50	29.50	38.50
HOOPER, CARL	552-99-1234	1212222222	4433333-C44-050	06/28/2003
06/14/03 A1234	218.00	155.50	63.10	155.50
ZNA TOTAL	218.00	155.50	63.10	155.50
SNOW, JOHN	272-99-1234	1212222444	2233333-C44-050	06/30/2003
06/14/03 A1234	68.00	38.50	29.50	38.50
06/14/03 A1235	68.00	38.50	29.50	38.50
L4A TOTAL	136.00	75.00	59.00	77.00
WILLIS, ROBERT	572-99-1888	1212222466	2234443-C44-050	06/20/2003
06/14/03 A6634	68.00	38.50	29.50	38.50
06/14/03 A4435	68.00	38.50	29.50	38.50
L4A TOTAL	136.00	75.00	59.00	77.00

PROSAR-AIDA will

- Classify by payer
- Detect table data
- Validate key data
- Export key values
- Eliminate data entry

Paradatec founded in 1988, focuses its engineering skills to delivering the most powerful and flexible Unstructured and Freeform data capture solution in the ECM market.

Our flagship product, **PROSAR-AIDA**, seamlessly integrates with industry leading document capture platforms such as InputAccel™ from Captiva, and Ascent Capture™ from Kofax, to deliver a Best-In-Class document and data capture solution.

Through a select group of systems integrators and OEM partners, **PROSAR-AIDA** has been deployed in a variety of applications across all major industry verticals including: Healthcare, Insurance, Banking, Automotive and Retail. With nearly a decade of

production use, PROSAR-AIDA has been proven to be a mature robust solution that can scale from thousands to hundreds of thousands of images per day, and deliver a substantial ROI.

PROSAR-AIDA, reduces the need to manually sort any mix of Freeform documents, and classify them without the use of templates or Zone OCR. Through sophisticated business rules it will extract and export key data fields, and with our uniquely powerful table/line item reading functionality, we can interpret complicated layouts of tabulated data.

For contact information please visit our website at <http://www.paradatec.com>