DocuSense®
ReadSCRIPT
Advanced Handwriting Recognition Module for
IBM® Datacap

Leverage industry leading document scanning technology empowered
with the tools that solve handwritten document challenges

DocuSense ReadSCRIPT, EDAC’s Advanced Handwriting Recognition Module for IBM Datacap is designed to automate the processing, recognition, classification, and index extraction from all paper files and records: structured forms, machine print, unstructured documents, and handwritten documents. As a plug-in to the IBM Datacap workflow, EDAC’s AHRM supplements IBM Datacap’s Optical Character Recognition (OCR), Intelligent Character Recognition (ICR), and its three other recognition engines by using Intelligent Word Recognition (IWR) and Intelligent Phrase Recognition (IPR).

ReadSCRIPT’s Features & Functions include:
- Single and Multi-Word Recognition and Extraction for multi-word fields or unstructured text;
- Regular Expression Identification for recognizing patterns and format such as Dates, Telephone Numbers, SSN’s, and many others;
- Expanded Entity Probability Reduction Techniques (EPRTs), which utilizes the IWR results and validates against the additional field specific EDAC-offered databases;
- User updatable EPRTs databases allowing specific entries to be added by end user Subject Matter Experts or other permissible users;
- Word Spotting for word associations, relating Form Comments or Description relationships;
- New Medical Claims CMS 1500 and 1450 forms support, along with invoices;
- Optional Integrated Check 21 Recognition including CAR / LAR;
- Optional Dynamic signature location, verification and matching, which locates, classifies and/or verifies signatures against a reference signature database.

Regular Expressions & Expanded EPRTs – the Power of Two - By using regular expression to find entry patterns such as dates, SSN’s, Bank Account Numbers, and others, and with the expanded EPRTs, ReadSCRIPT significantly increases recognition rates and saves time and money. EPRTs utilize the IWR results and validate against the additional field specific EDAC-offered and customer supplied databases. When a customer runs into new words or databases, a Subject Matter Expert or Administrator may update ReadSCRIPT’s EPRTs.
Integrated Check 21 Recognition (Optional Module) - Automates check courtesy amount and legal amount recognition (CAR/LAR), check number, date, payee name and MICR lines, verifies signature presence and locates the payer blocks

Dynamic Signature Location, Verification and Matching (Add-on Module) – This option locates, classifies and/or verifies signatures against a reference signature database, combines multiple verifiers to analyze dozens of signature features and can use multiple references to differentiate between natural anomalies and true irregularities that indicate fraud.

EDAC’s DocuSense ReadSCRIPT, Advanced Handwriting Recognition Module for IBM Datacap:

- Reduce records search times, confidently respond to requests, and reclaim scarce floor space

- Avoid dual system operations: paper based and electronic
  No need to accept a compromise on document accessibility. Digitize and efficiently identify all documents.

- Capture, separate, and meta-tag documents
  Eliminate printing costs and reduce batch preparation time. Index data can be automatically extracted from all documents

- Exception Highlighting
  Highlight unconfident terms for quick and easy manual review

- Scalable Solution
  Scalable for Enterprise implementations as well as small installations

- Leverage Enhanced Features
  EPRTs and user updatable EPRT databases, integrated Check 21 recognition, dynamic signature location, verification and matching

- Exploit “War on Terrorism” Tools and Techniques with Analytics

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